

**Legal Application**

**ONTARIO ENERGY BOARD**

**IN THE MATTER OF** the Ontario Energy Board Act,  
1988, S.O. 1988, C 15 (Sched. B), as amended;

**AND IN THE MATTER OF** an application by  
St. Thomas Energy Inc. for an Order or  
Orders pursuant to the Ontario Energy Board Act, 1988  
For 2016 electricity distribution rates and related matters.

1. St. Thomas Energy Inc. ("STEI") distributes electricity to most residents of the City of St. Thomas as of December 31, 1999, pursuant to a distribution license (ED-2002-0523) issued by the Ontario Energy Board ("Board") and charges Board-authorized rates for the distribution service it provides.
2. Pursuant to section 78 of the Ontario Energy Board Act, 1988, STEI seeks an Order or Orders of the Board establishing rates and specific service charges effective January 1, 2017.
3. STEI's rate application utilizes the Board's 2017 IRM Rate Generator Model.
4. STEI applies for Board approval for the following matters:
  - 2017 distribution rates based on 2016 rates adjusted by the price cap adjustment;
  - Revenue-to-cost ratio adjustment model, no adjustment required for this application;
  - A recovery amount of \$178,799 in LRAMVA to be returned to STEI;
  - The disposition of certain deferral and variance account principal balances as at December 31, 2015 along with carrying charges as at December 31, 2015.

- An adjustment to Retail Transmission Service Rates in accordance with Board Guidelines G-2008-0001 Electricity Distribution Retail Transmission Service Rates revised on July 14, 2016.

5. In the event that the Board is unable to provide a Decision an Order in this Application for implementation of rates effective January 1, 2017, STEI requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Charges as interim until the implementation date of the approved 2016 distribution rates.
6. In the event that the effective date does not coincide with the Board's decided implementation date for 2017 distribution rates and charges, STEI requests permission to recover the incremental revenue from the effective date to the implementation date.
7. All of STEI's rate classes are being affected by the 2017 Rate Application, as the annual mechanism adjustment has been applied uniformly across customer rate classes as well as changes attributed to tax changes and the disposition of deferral and variance accounts. In addition to these adjustments, the residential class is being impacted by the OEB's new rate design policy for residential customers.

STEI has determined that for this application the following monthly bill impacts as calculated by the Board's 2017 IRM Rate Generator.

### Summary of Monthly Impacts

	Total Bill Impact \$'s	Total Bill Impact %
Residential - 750 kWh	(4.00)	(2.78%)
Residential - 316 kWh	0.37	0.50%
General Service < 50 kW – 2,000 kWh	(3.68)	(0.97%)

8. STEI confirms the accuracy of the billing determinants for the pre-populated 2017 IRM Rate Generator model.

9. A pdf copy of STEI's 2016 current tariff sheet is attached to this Manager's summary as Appendix A.

## Statement of Publication

STEI intends to publish the Notice of Application in the St. Thomas Times-Journal, the local paid community newspaper with a 21,415 extended circulation. Additionally, this application will be posted on STEI's website at [www.sttenergy.com](http://www.sttenergy.com).

## Applicant Contact Information

Following is the name and address of the Primary Contact for this Application

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	St. Thomas, ON	
	N5P 4A8	

## Manager's Summary

STEI is applying for distribution rates pursuant to a Fourth Generation Incentive Rate-setting ("4<sup>th</sup> Generation") application to set distribution rates and other charges to be effective January 1, 2017.

STEI has completed the 2017 IRM Rate Generator model provided by the Board. This Application has been prepared in accordance with the Board Staff's instructions.

This Manager's Summary will address the following topics:

- Annual Adjustment Mechanism;
- Revenue to Cost Ratio Adjustment;
- Rate Design for Residential Electricity Customers;
- Retail Transmission Service Rates;
- Review and Disposition of Group 1 Deferral and Variance Account Balances;
- LRAM Variance Accounts;
- Tax Changes;
- Z Factor Claims;
- Incremental Capital Module;
- Schedule of Proposed Rates and Charges;
- Customer Impacts; and
- Conclusion

#### **Annual Adjustment Mechanism**

Under the IRM4 plan, STEI's electricity distribution rates for 2017 have been adjusted for three factors: a price escalator, a productivity factor and a stretch factor. For the purposes of preparing the 2017 rate application, the Board expects STEI to use a proxy for the price cap adjustment. The price cap index is 1.50%. The price cap index is based upon the following default values:

<b>Price Cap Index</b>	
Price Escalator (GDP-IPI)	2.10%
Less: Productivity Factor	0.00%
Less: Stretch Factor	0.60%
<b>Price Cap Index</b>	<b>1.50%</b>

STEI understands the final price cap Index will be based upon actual GDP-IPI data published by the Board, the productivity factor will remain fixed and the stretch factor will be set by the OEB when the Board has completed the distributor bench marking exercise.

1 STEI confirms the price cap index has been applied to distribution rates (fixed and variable)  
2 uniformly across customer classes and that the index adjustment has not been applied to the  
3 following components of distribution rates:

- 4 • Rate Adders;
- 5 • Rate Riders;
- 6 • Low Voltage Service Charges;
- 7 • Retail Transmission Rates;
- 8 • Wholesale Market Service Rates;
- 9 • Rural Rate Protection Charge;
- 10 • Standard Supply Service – Administrative Charge;
- 11 • MicroFIT Service Charge;
- 12 • Specific Service Charges;
- 13 • Transformation and Primary Metering Allowances; and
- 14 • Smart Metering Entity Charges.

#### 15 16 17 **Revenue to Cost Ratio Adjustment**

18  
19 No further revenue to cost ratio adjustments required.  
20  
21

#### 22 **Rate design for Residential Electricity Customers**

23  
24 The OEB released Board Policy, EB-2014-0210, A New Distribution Rate Design for Residential  
25 Electricity Customers. The report required that electricity distributors transition to a fully fixed  
26 monthly distribution service charge for residential customers over a four-year period beginning  
27 in 2016.

28  
29 STEI is proposing residential rate changes consistent with the new policy. STEI has followed the  
30 approach set out in sheet 16 of the 2017 IRM Rate Generator model as provided below.  
31

<b>Rate Design Transition</b>		<b>Revenue from Rates</b>	<b>Current F/V Split</b>	<b>Decoupling MFC Split</b>	<b>Incremental Fixed Charge (\$/month/year)</b>	<b>New F/V Split</b>	<b>Adjusted Rates<sup>1</sup></b>
Current Residential Fixed Rate (inclusive of R/C adj.)	17.3100	3,140,726	67.0%	11.0%	2.84	78.0%	20.15
Current Residential Variable Rate (inclusive of R/C adj.)	0.0128	1,543,730	33.0%			22.0%	0.0085
		4,684,456					

Tab 16, Rev2Cost\_GDPIPI, increases the monthly fixed charge by \$2.84 and decreases the variable charge by \$0.0043 per kWh (before applying the 2016 price cap index). The fixed/variable revenue split changes from 67%/33% to 78%/22%. The \$2.84 incremental monthly increase is less than the \$4.00 per month per year referenced on page 9 on the OEB Chapter 3 Incentive Rate-Setting Applications issued July 16, 2015 and therefore the four year transitioning period remains appropriate.

As required, STEI has evaluated the total bill impact for a residential customer with consumption at the 10<sup>th</sup> percentile of 316 kWh per month. The 316 kWh per month was determined by the following residential customer query:

1. 2015 billed usage;
2. Usage data based on general ledger transactions for the 2015 fiscal year;
3. Disconnect flag was set to “no”;
4. Excluded accounts with inactive dates;
5. Zero usage eliminated;
6. Eliminated accounts without 12 months of consumption data.

The data query returned 14,347 customers and 10<sup>th</sup> percentile consumption, using excel percentile formula function, of 315.58 kWh per month.

STEI is not proposing a rate mitigation plan as the rate increase does not the threshold.

### **Electricity Distribution Retail Transmission Service Rates (“RTSR”)**

STEI is applying for an adjustment to the RTSR rates based upon the results of the 2017 IRM Rate Generator and per OEB’s Guideline G-2008-001: Electricity Distribution Retail Transmission Service Rates (RTSR), Revision 4.0, issued June 28, 2012.

The rate model reflects the most recent uniform transmission rates (“UTRs”) approved by OEB-2015-0311 issued on January 14, 2016. STEI acknowledges that OEB staff will adjust STEI’s 2017 RTSR section when the 2017 UTRs have been determined.

The proposed rates are based upon 2015 RRR filing, loss adjusted consumption.

#### RTSR – Network

RETAIL TRANSMISSION SERVICE RATE -NETWORK				
Rate Class	Unit	Current RTSR- Network	Proposed Adjustment	Proposed RTSR- Network
Residential	kWh	0.0074	-0.0003	<b>0.0071</b>
General Service Less Than 50 kW	kWh	0.0073	-0.0002	<b>0.0071</b>
General Service 50 To 4,999 kW	kW	2.9466	-0.1008	<b>2.8458</b>
Sentinel Lighting	kW	1.8521	-0.0634	<b>1.7887</b>
Street Lighting	kW	2.2722	-0.0778	<b>2.1944</b>

#### RTSR – Connection

RETAIL TRANSMISSION SERVICE RATE -CONNECTION				
Rate Class	Unit	Current RTSR- Connection	Proposed Adjustment	Proposed RTSR- Connection
Residential	kWh	0.0058	0.0001	<b>0.0059</b>
General Service Less Than 50 kW	kWh	0.0054	0.0001	<b>0.0055</b>
General Service 50 To 4,999 kW	kW	2.2076	0.0376	<b>2.2452</b>
Sentinel Lighting	kW	1.3867	0.0236	<b>1.4103</b>
Street Lighting	kW	1.7021	0.0290	<b>1.7311</b>

#### **Disposition of Group 1 Deferral and Variance Account Balances**

Chapter 3 of the Board’s Filing Requirement for Electricity Distribution Rate Applications, Report of the Board on Electricity Distributors’ Deferral and Variance Account Report (the “EDDVAR

Report”) provides that under the Price Cap IR, the distributors’ Group 1 audited balances be reviewed and disposed if the present disposition threshold of \$0.0010 per kWh (debit or credit) is exceeded. Distributors are required to file the group one 1 balances as of December 31, 2015 to determine if the threshold has been exceeded.

STEI is requesting the disposition of a refundable amount of \$219,035 over a one-year period based upon Tab 3: 2016 Continuity Schedule of the 2017 IRM Rate Generator. The total amount of \$219,035 results in a net deferral rate of (\$0.0008) per kWh. While less than \$0.0010 per kWh, this includes a significant RSVA-Global Adjustment refundable amount of \$2,071,537 and a significant Group 1 excluding 1589 – Global Adjustment recoverable amount of \$2,290,572. Impacting different ratepayers in significantly different ways. Further, the net refund of \$219,035 is nearly offset by the LRAMVA recovery amount of \$178,799.

The threshold verification per Sheet 4 of the IRM Rate Generator Model is provided below.

**Threshold Test**

<b>Total Claim (including Account 1568)</b>	<b>(\$40,235)</b>
<b>Total Claim for Threshold Test (All Group 1 Accounts)</b>	<b>(\$219,035)</b>
<b>Threshold Test (Total claim per kWh) <sup>2</sup></b>	<b>(\$0.0008)</b>

The disposition (refund) of the Group 1 accounts will assist in mitigating residential rate increases, particularly to the 316 kWh per month, 10<sup>th</sup> percentile residential customer.



Account Descriptions	Account Number	Principal Balance	Total Interest	Total Claim
<b>Group 1 Accounts</b>				
LV Variance Account	1550	0	0	0.00
Smart Metering Entity Charge Variance Account	1551	(10,283)	(105)	(10,388.11)
RSVA - Wholesale Market Service Charge	1580	(586,647)	(8,801)	(595,448.12)
Variance WMS – Sub-account CBR Class A	1580	0	0	0.00
Variance WMS – Sub-account CBR Class B	1580	75,255	1,077	76,331.81
RSVA - Retail Transmission Network Charge	1584	(41,289)	(1,019)	(42,308.18)
RSVA - Retail Transmission Connection Charge	1586	(5,788)	(381)	(6,168.67)
RSVA - Power	1588	(1,818,079)	(30,142)	(1,848,220.87)
RSVA - Global Adjustment	1589	2,042,100	29,437	2,071,537.10
Disposition and Recovery/Refund of Regulatory Balances (2009)4	1595	0	0	0.00
Disposition and Recovery/Refund of Regulatory Balances (2010)4	1595	(38)	(62)	(100.42)
Disposition and Recovery/Refund of Regulatory Balances (2011)4	1595	0	0	0.00
Disposition and Recovery/Refund of Regulatory Balances (2012)4	1595	39	(6)	33.43
Disposition and Recovery/Refund of Regulatory Balances (2013)4	1595	0	0	0.00
Disposition and Recovery/Refund of Regulatory Balances (2014)4	1595	179,574	1,987	181,561.31
Not to be disposed of unless rate rider has expired and balance has been audited	1595	(49,393)	3,529	(45,864.04)
<b>RSVA - Global Adjustment</b>	<b>1589</b>	2,042,100	29,437	2,071,537.10
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		(2,256,649)	(33,923)	(2,290,571.85)
<b>Total Group 1 Balance</b>		(214,549)	(4,486)	(219,034.75)
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	173,072	5,727	178,799.45
<b>Total including Account 1568</b>		(41,476)	1,241	(40,235.30)

Based upon the results of Tab 6: GA calculation and Tab 7: Allocating Def-Var Balances of the 2017 IRM Rate Generator, STEI is proposing rate riders for the Deferral and Variance Accounts and Global Adjustment as provided in the following table.

Rate Class	Unit	Deferral / Variance Accounts (\$/unit)	Account 1568 Rate Rider (\$/unit)	Global Adjustment - non RPP Customers (\$/kWh)
RESIDENTIAL	kWh	(0.0085)	0.0003	0.0161
GENERAL SERVICE LESS THAN 50 kW	kWh	(0.0086)	0.0031	0.0161
GENERAL SERVICE 50 TO 4,999 KW	kW	(3.2784)	0.0620	0.0161
SENTINEL LIGHTING	kW	(3.2831)	(0.1141)	0.0161
STREET LIGHTING	kW	(3.0770)	(0.0005)	0.0161

1   Global Adjustment

2  
3   STEI is proposing a global adjustment rate rider as provided in the Disposition of Group 1 Deferral  
4   and Variance Account balances.

5  
6   STEI's settlement process with the IESO is as follows:

7  
8   STEI purchases energy from two sources, the IESO and retail embedded generators, at the spot  
9   market price (Hourly Ontario Energy Price ("HOEP")). This energy is then sold to the retail  
10   customers using RPP, weighted-average and spot market prices. Previously STEI billed customers  
11   directly for Global Adjustment using the first estimate for all rate classes. Currently, STEI uses  
12   the actual GA when billing GS > 50 interval HOEP customers.

13  
14   STEI sells a portion of the electricity purchased to the low-volume and designated customers on  
15   the Regulated Price Plan "RPP" at fixed TOU and two-tiered prices. These prices are a blend of  
16   HOEP and Global Adjustment values. To ensure STEI remains whole, it submits to the IESO the  
17   difference between electricity purchased at spot plus Global Adjustment and electricity sold at  
18   the TOU and tiered prices. The 2nd estimate of the Global Adjustment is used in the initial  
19   submission calculations. The reconciliation is calculated three months after the initial submission  
20   using the actual GA rate. The Settlement differences are then submitted to the IESO through the  
21   Settlement Submission portal resulting in either a payment to or from the IESO.

22  
23   STEI has implemented a new process to calculate the RPP variance. The new process utilizes the  
24   hourly data in the Operational Data Storage ("ODS") system, which aligns the actual hourly  
25   consumption to actual hourly costs. The process includes data from all customers and retail  
26   generators which enables STEI to verify actual data against the actual consumption billed by the  
27   IESO.

28  
29   **LRAM Variance Account**

30  
31   The Board established account 1568 as the LRAMVA to capture the variance between Board-  
32   approved CDM forecasts and the actual results at the customer rate class level.

33  
34   In accordance with the Board's Guidelines for Electricity Distributor Conservation and Demand  
35   Management, EB-2012-0003, distributors must apply for disposition of the LRAMVA balance at

1 the time of their Cost of Service rate applications. Distributors may also apply for the disposition  
2 of the balance in the LRAMVA on an annual basis, as part of the Incentive Regulation Mechanism  
3 rate applications. All requests for disposition must be made together with carrying charges, after  
4 the completion of the annual independent third party evaluation.

5  
6 STEI is requesting disposal of its LRAMVA in the amount of \$178,799 please see the IndEco report  
7 titled "St. Thomas Energy lost revenue related to Conservation and Demand Management" at  
8 Appendix B.

9  
10 **Tax Changes**

11  
12 There have been no tax changes that would trigger a need for tax sharing at this time.

13  
14 **Z Factor Claims**

15  
16 STEI is not requesting recovery of costs associated with unforeseen events.

17  
18 **Incremental Capital Module**

19  
20 STEI is not submitting an Incremental Capital Request.

21  
22 **Schedule of Proposed Rates and Charges**

23  
24 STEI has completed the 2017 IRM Rate Generator Model in accordance with Board staff  
25 instructions.

26  
27 STEI proposes the Tariff of Rates and Charges effective January 1, 2017, at Appendix C.

28  
29  
30 **Customer Impacts**

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32 The total bill impact on a Residential RPP customer with a monthly electricity consumption of  
33 316 kWh's is an increase of \$0.37 or 0.50% per month after HST.

34

The total bill impact on a Residential RPP customer with a monthly electricity consumption of 800 kWh's is a decrease of \$4.00 or 2.78% per month after HST.

The total bill impact on a General Service < 50 kW RPP customer with a monthly electricity consumption of 2,000 kWh's is a decrease of \$3.68 or 0.97% per month.

Following is a summary of rate impacts by rate class at varying electricity consumption levels.

#### Bill Impacts

Customer Class		kwh	kw	\$ Increase	% Increase
<b>RESIDENTIAL</b>	<b>RPP</b>	<b>316</b>	-	<b>0.37</b>	<b>0.50%</b>
RESIDENTIAL	Non-RPP Retailer	316	-	2.12	2.74%
<b>RESIDENTIAL</b>	<b>RPP</b>	<b>750</b>	-	<b>(4.00)</b>	<b>-2.78%</b>
RESIDENTIAL	Non-RPP Retailer	750	-	0.15	0.10%
<b>GENERAL SERVICE LESS THAN 50 kW</b>	<b>RPP</b>	<b>2,000</b>	<b>50</b>	<b>(3.68)</b>	<b>-0.97%</b>
GENERAL SERVICE 50 TO 4,999 KW	Non-RPP Other	43,800	100	76.05	0.96%
SENTINEL LIGHTING	RPP	730	1	<b>(2.24)</b>	-1.86%
STREET LIGHTING	Non-RPP Other	730	1	6.75	5.65%

Non-RPP customer impacts include increases in the cost of power attributed to the Average IESO Wholesale Market Price.

#### **Conclusion**

The annual mechanism adjustment has been applied uniformly across customer rate classes as well as recovery attributed to tax changes and the disposition of deferral and variance accounts.

In addition to these adjustments, the residential class is being impacted by the OEB's new rate design policy for residential.

Disposition (refund) of the Group 1 accounts (\$2.29 million) assists in mitigating residential rate increases, particularly to the 316 kWh per month, 10<sup>th</sup> percentile residential customer.

1 Please see full bill impacts at Appendix D, and the 2017 IRM RateGen model at Appendix E.

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Appendix A  
2016 Tariff Sheets

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

EB-2015-0102

## RESIDENTIAL SERVICE CLASSIFICATION

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

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.31
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.37
Distribution Volumetric Rate	\$/kWh	0.0128
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kWh	(0.0037)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0112
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

## 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

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0102

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

### APPLICATION

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

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

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;  
“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;  
“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;  
“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;  
“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

### MONTHLY RATES AND CHARGES

#### Class A

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

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

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

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

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

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

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

OESP Credit	\$	(42.00)
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**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2015-0102

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

**Class E**

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

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

OESP Credit \$ (45.00)

**Class F**

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

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

OESP Credit \$ (50.00)

**Class G**

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

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

OESP Credit \$ (55.00)

**Class H**

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

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

OESP Credit \$ (60.00)

**Class I**

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

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

OESP Credit \$ (75.00)

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**  
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EB-2015-0102

## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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	\$	23.62
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0161
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kWh	(0.0036)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0112
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054

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

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

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EB-2015-0102

## **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

Service Charge	\$	73.61
Distribution Volumetric Rate	\$/kW	3.5239
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kW	(1.4597)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kW	4.6228
Retail Transmission Rate - Network Service Rate	\$/kW	2.9466
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2076

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

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

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EB-2015-0102

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected 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.

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Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. 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)	\$	4.76
Distribution Volumetric Rate	\$/kW	5.7628
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kW	(1.2947)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8521
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3867

## 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

**St. Thomas Energy Inc.**  
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EB-2015-0102

## 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 photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting 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.

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.64
Distribution Volumetric Rate	\$/kW	0.0355
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kW	(1.3315)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016		
Applicable only for Non-RPP Customers	\$/kW	4.0369
Retail Transmission Rate - Network Service Rate	\$/kW	2.2722
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7021

## MONTHLY RATES AND CHARGES - Regulatory Component

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

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EB-2015-0102

## **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.

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

Service Charge	\$	10.00
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## **ALLOWANCES**

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

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## **SPECIFIC SERVICE CHARGES**

### **APPLICATION**

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

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### **Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
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
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
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**

Specific charge for access to the power poles - \$/pole/year	\$	22.35
Disconnect/reconnect charge at customer's request - at meter during regular hours	\$	65.00

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## RETAIL SERVICE CHARGES (if applicable)

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

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	1.0393
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0289

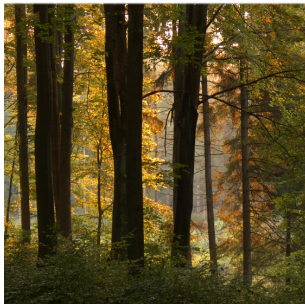


## Appendix B

IndEco Report:

St. Thomas Energy lost revenue related to  
Conservation and Demand Management

## St. Thomas Energy 2013-2015 LRAMVA





# St. Thomas Energy lost revenue related to Conservation and Demand Management

*2013-2015*



This document was prepared for St. Thomas Energy Inc. by IndEco Strategic Consulting Inc.

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IndEco report B5062

9 August 2016

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## Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive electricity local distribution companies (LDCs) may have to promote conservation and demand management (CDM) programs. CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs, which directly impact the LDC's revenue. The LRAM allows LDCs to be compensated for lost revenue that resulted from CDM programs the LDC offered to its customers.

Starting in 2011, the Ontario Energy Board (OEB) authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC's load forecast.<sup>1</sup>

St. Thomas Energy contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. St. Thomas Energy is required to use “the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation.”<sup>2</sup> The final 2015 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, St. Thomas Energy may claim lost revenue from CDM programs up to and including 2015 in St. Thomas Energy's 2017 rate case.

St. Thomas Energy submitted a claim for lost revenues from 2011–2012 CDM programs in 2011–2012 in St. Thomas Energy's 2015 COS rate case. St. Thomas Energy has not disposed of LRAMVA from any other years in the 2011-2015 period. The impacts of CDM in 2012 and prior years are captured in the load forecast for St. Thomas Energy's 2015 cost of service rate case. Thus, St. Thomas Energy's LRAMVA for 2015 and subsequent years does not include CDM program impacts from 2012 and prior years. This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2013 related to programs offered in 2011,
- Lost revenues in 2013 related to programs offered in 2012,
- Lost revenues in 2013 related to programs offered in 2013,
- Lost revenues in 2014 related to programs offered in 2011,
- Lost revenues in 2014 related to programs offered in 2012,

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<sup>1</sup> *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

<sup>2</sup> *Filing Requirements For Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2016.



- Lost revenues in 2014 related to programs offered in 2013,
- Lost revenues in 2014 related to programs offered in 2014.
- Lost revenues in 2015 related to programs offered in 2013,
- Lost revenues in 2015 related to programs offered in 2014, and
- Lost revenues in 2015 related to programs offered in 2015.

The carrying charges on the above variances through December 2016 are also reported.

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## Methodology

In principle, the determination of lost revenues is a simple calculation:

$$\text{LR} = (\text{CDM results} - \text{CDM results in the load forecast}) * \text{rate}$$

In practice, it is somewhat more complicated than that because of the limitations of the information available to calculate CDM results, the different time periods of results data and the rate year, and the need to determine carrying charges on the lost revenues.

The most recent input assumptions currently available have been used to calculate the lost revenue values.

### *CDM results*

From 2011 through 2015, St. Thomas Energy offered provincial programs in partnership with the Independent Electricity System Operator (IESO). St. Thomas Energy did not offer custom programs beyond the IESO programs.

### *IESO evaluation results*

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTGR), and then from those calculates net energy savings by initiative within program group (residential, business, industrial and low-income). Peak load reductions are also calculated, and reported in the same way.

Provincial results are allocated to individual LDCs based on each LDC's individual performance where possible, or through an allocation process.

The IESO reports energy savings and peak demand reductions, by initiative in the current year, adjustments to the previous year, based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period. The savings and demand reductions for a particular year for a number of programs persist in the following years. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year.

These are the best, most definitive and defensible estimates of results associated with these programs, and incorporate the most appropriate estimates of results from the measures installed.

However, these data have some limitations, and require some adjustments for use in lost revenue calculations.

### *Allocating results to rate classes*

The IESO reports results by 'program', within four main programs: residential, business (commercial and institutional), industrial and low-income. These only partially map onto rate classes. For initiatives that apply to more than one rate class, St. Thomas Energy staff estimated the split by rate class, drawing on participant-specific information where available.

### *Application of reported results*

As previously mentioned, the IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the IESO reported demand reductions are used to calculate lost revenues related to CDM results. The demand reductions in the IESO reports should be multiplied by a multiplier based on the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year... In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."<sup>3</sup>

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month... Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts."<sup>4</sup>

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<sup>3</sup> Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

<sup>4</sup> Ibid. p. 7.

### *Load reductions accounted for in the load forecast*

In recent years, LDCs have tried to account for load losses due to CDM programs in their load forecasts, submitted as part of their Cost of Service applications. These forecasted reductions need to be deducted from load losses attributable to CDM programs, to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

### *Overall impact of CDM on load, by rate class*

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were captured in the most recent load forecast.

### *Distribution rates*

Revenue impacts to the LDC associated with CDM are calculated using the distribution volumetric rate. Most other rate components (e.g. service charges, global adjustment, transmission charges) are either fixed charges or just pass-throughs for the utility that do not affect the LDC's revenues. An exception is for certain rate riders related to taxes, and these are added to the distribution volumetric rates for lost revenue calculations, where applicable.

For most electricity distribution utilities in Ontario, including St. Thomas Energy prior to 2015, distribution rates are set for the period from 1 May to 30 April of the next year. CDM results are reported for the calendar year, so average rates for the calendar year need to be calculated. For simplicity, the average rate is estimated based on the rate being four twelfths of the previous year's rate (for January through April), and eight twelfths of the current year's rate (for May through December).

### *Lost revenues variance*

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.<sup>5</sup> The variance is the difference between these lost revenues and the quantity of CDM in the load forecast.

Because these revenues are lost throughout the year, and are only recovered through rate riders in subsequent years, the Ontario Energy

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<sup>5</sup> Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB, and published on the Board's website. The carrying charges are simple interest, not compounded and are calculated on the monthly lost revenue balance. Because the IESO final results estimates are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. So 1/12 of the annual results are allocated to each month of the year.

Carrying charges accrue from the time of the results, until disposition.

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

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## Results

Following the methodology described above, lost revenues were calculated for St. Thomas Energy.

### CDM results

#### *IESO evaluation results*

The most recent and appropriate final CDM evaluation report from the IESO was used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by St. Thomas Energy. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for St. Thomas Energy* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 21 of the *Verified 2011-2014 Final Results Report for St. Thomas Energy* file released by the IESO on September 1, 2015. The net verified final 2015 results can be found in the “Net Incremental First Year Energy Savings” and “Net Incremental First Year Peak Demand Savings” sections of the “LDC Progress” tab in the *Final 2015 Annual Verified Results Report for St. Thomas Energy* file released by the IESO on June 30, 2016.

The IESO has provided St. Thomas Energy with initiative level persistence data for 2011-2014 results and 2011-2013 adjustments. Table 16 of the OEB LRAMVA work form shows the persistence of 2011 results into future years. Table 17 of the OEB LRAMVA work form shows the persistence of 2012 results into future years. Table 18 of the OEB LRAMVA work form shows the persistence of 2013 results into future years. Table 19 of the OEB LRAMVA work form shows the persistence of 2014 results through 2015. Table 20 of the OEB LRAMVA work form shows the persistence of 2011 adjustments into future years. Table 21 of the OEB LRAMVA work form shows the persistence of 2012 adjustments into future years. Table 22 of the OEB LRAMVA work form shows the persistence of 2013 adjustments into future years. No adjustments were provided for 2014 final results.

#### *Allocating results to rate classes*

St. Thomas Energy provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit Incentive Program and High Performance New

Construction. No allocation was provided for programs for which St. Thomas Energy has no program results.

St. Thomas Energy bills customers in different rate classes using different volumetric units, either kilowatt hours (kWh), or customer peak monthly kilowatts (kW). The rate classes (and billing units) for St. Thomas Energy are:

- Residential (kWh)
- GS < 50 kW (kWh)
- GS 50 to 4,999 kW (kW)
- Sentinel Lighting (kW)
- Street Lighting (kW)
- MicroFIT Generator (NA)

Table 7 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2011 results and adjustments. Table 8 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2012 results and adjustments. Table 9 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 10 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Table 11 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 results.

#### *Load reductions accounted for in the load forecast*

St. Thomas Energy's last cost of service application was filed for the 2015 rate year. The load forecast associated with that application did account for load losses from 2011 – 2014 and 2015 – 2020 CDM programs. St. Thomas Energy's previous cost of service application was filed for the 2011 rate year. The load forecast associated with that application did account for load losses from 2011 – 2014 CDM programs. Table 3 of the OEB LRAMVA work form shows the estimates of load reductions, by rate class that were included at the time of each load forecast. Previous load forecasts did not account for the impact of 2011 – 2014 CDM programs.

Actual CDM Threshold and Allocation values were used in Tables 2 and 3 of the OEB LRAMVA work form, so Tables 3a were not filled out. Tables 3a of the OEB LRAMVA work form allocates the CDM Threshold amount by rate class based on proportion of overall load and this was not the allocation method used by St. Thomas Energy.

#### *Overall impact of CDM on load, by rate class*

Multiplying the adjusted energy savings or demand reduction reported for St. Thomas Energy for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the

overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 7 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 8 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014.

### *Distribution rates*

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for St. Thomas Energy are shown in Table 5 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months to each calendar year in the 2011 to 2015 time period. Table 6 of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year.

### *Lost revenues*

The lost revenues for each year by rate class for St. Thomas Energy calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year. The load impact in a given year will include the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

The lost revenue for 2011-2015 is based on final verified results provided by the IESO.

Table 1 of the OEB LRAMVA work form also shows the lost revenue in each year due to CDM that has already been incorporated into St. Thomas Energy's applicable load forecast. The impact on St. Thomas Energy's revenue is the variance between what is calculated from final CDM program results and what has already been accounted for in the load forecast.

In St. Thomas Energy's 2015 COS rate case (EB-2014- 0113), disposition of the 2011 to 2012 lost revenue amounts in Account 1568 was approved. Thus, the lost revenue from 2011-2012 CDM programs in 2011-2012 have not been included in the calculations in Table 1.

The load forecast for St. Thomas Energy's 2015 COS rate case was based on 2013 base year load data. CDM program impacts from years prior to 2013 would be embedded in the base year load data. Thus, persistence of CDM program impacts prior to 2013 were not included in the lost revenue calculations for 2015.



### *Carrying charges*

The monthly carrying charges by rate class on St. Thomas Energy's lost revenue variance are shown in Table 15 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to December 31, 2016.

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## Conclusions

The LRAMVA balance at the end of December 2015 for St. Thomas Energy that includes results from 2011–2015 CDM programs and adjustments to 2011–2013 results in 2013–2015 is \$173,072.44. The total carrying charges on this LRAMVA balance accumulated to December 31, 2016 are \$5,727.00. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$33,070.93	\$1,153.60	\$34,224.53
GS < 50 kW	\$123,119.84	\$4,004.27	\$127,124.11
GS 50 to 4,999 kW	\$16,903.02	\$569.47	\$17,472.49
Sentinel Lighting	-\$16.98	-\$0.27	-\$17.26
Street Lighting	-\$4.36	-\$0.07	-\$4.43
<b>Totals</b>	<b>\$173,072.44</b>	<b>\$5,727.00</b>	<b>\$178,799.44</b>

NOTE: There are no LRAMVA or carrying charge values associated with rate classes not included in this table.

Where negative values are shown, that indicates that the actual reduction in load from CDM programs was less than the amount included in the load forecast.







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Appendix C  
2017 Tariff Sheets

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2016-0104

## RESIDENTIAL SERVICE CLASSIFICATION

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

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	20.45
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.37
Distribution Volumetric Rate	\$/kWh	0.0086
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0085)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

## 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

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2016-0104

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

### APPLICATION

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

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

In this class:

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

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

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

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

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

### MONTHLY RATES AND CHARGES

#### Class A

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

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

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

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

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

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

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

OESP Credit	\$	(42.00)
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**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2016-0104

**Class E**

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

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

OESP Credit \$ (45.00)

**Class F**

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

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

OESP Credit \$ (50.00)

**Class G**

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

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

OESP Credit \$ (55.00)

**Class H**

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

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

OESP Credit \$ (60.00)

**Class I**

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

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

OESP Credit \$ (75.00)

**St. Thomas Energy Inc.**  
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EB-2016-0104

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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	\$	23.97
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0163
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0086)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055

### 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

**St. Thomas Energy Inc.**  
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## **GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION**

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

Service Charge	\$	74.71
Distribution Volumetric Rate	\$/kW	3.5768
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	0.0620
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(3.2784)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8458
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2452

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

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

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EB-2016-0104

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected 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)	\$	4.83
Distribution Volumetric Rate	\$/kW	5.8492
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	(0.1141)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(3.2831)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7887
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4103

### 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

**St. Thomas Energy Inc.**  
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EB-2016-0104

## 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 photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting 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)	\$	3.69
Distribution Volumetric Rate	\$/kW	0.0360
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(3.0770)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1944
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7311

### 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

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2016-0104

## **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	\$	10.00
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**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2016-0104

**ALLOWANCES**

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

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EB-2016-0104

## **SPECIFIC SERVICE CHARGES**

### **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 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
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
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
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
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**

Specific charge for access to the power poles - \$/pole/year	\$	22.35
Disconnect/reconnect charge at customer's request - at meter during regular hours	\$	65.00



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EB-2016-0104

## **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

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
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**EB-2016-0104**

**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	1.0393
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0289

## Appendix D

### Bill Impacts

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	750	\$ 9.60	\$ 0.0086	750	\$ 6.45	\$ (3.15)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	
<b>Sub-Total A (excluding pass through)</b>			\$ 27.28			\$ 27.50	\$ 0.22	0.79%
Line Losses on Cost of Power	\$ 0.1114	29	\$ 3.28	\$ 0.1114	29	\$ 3.28	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0037	750	\$ (2.78)	-\$ 0.0085	750	\$ (6.38)	\$ (3.60)	129.73%
GA Rate Riders				\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 28.58			\$ 25.19	\$ (3.39)	-11.84%
RTSR - Network	\$ 0.0074	779	\$ 5.77	\$ 0.0071	779	\$ 5.53	\$ (0.23)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	779	\$ 4.52	\$ 0.0059	779	\$ 4.60	\$ 0.08	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 38.87			\$ 35.33	\$ (3.54)	-9.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	779	\$ 2.81	\$ 0.0036	779	\$ 2.81	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	779	\$ 1.01	\$ 0.0013	779	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	779	\$ 0.86	\$ 0.0011	779	\$ 0.86	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 127.34			\$ 123.80	\$ (3.54)	-2.78%
HST	13%		\$ 16.55	13%		\$ 16.09	\$ (0.46)	-2.78%
<b>Total Bill on TOU</b>			\$ 143.89			\$ 139.89	\$ (4.00)	-2.78%

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.62	1	\$ 23.62	\$ 23.97	1	\$ 23.97	\$ 0.35	1.48%
Distribution Volumetric Rate	\$ 0.0161	2000	\$ 32.20	\$ 0.0163	2000	\$ 32.60	\$ 0.40	1.24%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0031	2000	\$ 6.20	\$ 6.20	
<b>Sub-Total A (excluding pass through)</b>			\$ 56.61			\$ 63.56	\$ 6.95	12.28%
Line Losses on Cost of Power	\$ 0.1114	79	\$ 8.76	\$ 0.1114	79	\$ 8.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0036	2,000	\$ (7.20)	-\$ 0.0086	2,000	\$ (17.20)	\$ (10.00)	138.89%
GA Rate Riders				\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 58.96			\$ 55.91	\$ (3.05)	-5.17%
RTSR - Network	\$ 0.0073	2,079	\$ 15.17	\$ 0.0071	2,079	\$ 14.76	\$ (0.42)	-2.74%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0054	2,079	\$ 11.22	\$ 0.0055	2,079	\$ 11.43	\$ 0.21	1.85%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 85.35			\$ 82.10	\$ (3.26)	-3.82%
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)	\$ 0.0013	2,079	\$ 2.70	\$ 0.0013	2,079	\$ 2.70	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,079	\$ 2.29	\$ 0.0011	2,079	\$ 2.29	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 334.86			\$ 331.60	\$ (3.26)	-0.97%
HST	13%		\$ 43.53	13%		\$ 43.11	\$ (0.42)	-0.97%
<b>Total Bill on TOU</b>			\$ 378.39			\$ 374.70	\$ (3.68)	-0.97%

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	43,800	kWh
Demand	100	kW
Current Loss Factor	1.0393	
Proposed/Approved Loss Factor	1.0393	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 73.61	1	\$ 73.61	\$ 74.71	1	\$ 74.71	\$ 1.10	1.49%
Distribution Volumetric Rate	\$ 3.5239	100	\$ 352.39	\$ 3.5768	100	\$ 357.68	\$ 5.29	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	100	\$ -	\$ 0.0620	100	\$ 6.20	\$ 6.20	
<b>Sub-Total A (excluding pass through)</b>			\$ 426.00			\$ 438.59	\$ 12.59	2.96%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 3.1631	100	\$ 316.31	\$ 3.2784	100	\$ (327.84)	\$ (644.15)	-203.65%
GA Rate Riders				\$ 0.0161	43,800	\$ 705.18	\$ 705.18	
Low Voltage Service Charge	\$ -	100	\$ -		100	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 742.31			\$ 815.93	\$ 73.62	9.92%
RTSR - Network	\$ 2.9466	100	\$ 294.66	\$ 2.8458	100	\$ 284.58	\$ (10.08)	-3.42%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2076	100	\$ 220.76	\$ 2.2452	100	\$ 224.52	\$ 3.76	1.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1,257.73			\$ 1,325.03	\$ 67.30	5.35%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	45,521	\$ 163.88	\$ 0.0036	45,521	\$ 163.88	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	45,521	\$ 59.18	\$ 0.0013	45,521	\$ 59.18	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	43,800	\$ 306.60	\$ 0.0070	43,800	\$ 306.60	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	45,521	\$ 50.07	\$ 0.0011	45,521	\$ 50.07	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	45,521	\$ 5,143.91	\$ 0.1130	45,521	\$ 5,143.91	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 6,981.37			\$ 7,048.67	\$ 67.30	0.96%
HST	13%		\$ 907.58	13%		\$ 916.33	\$ 8.75	0.96%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 7,888.95			\$ 7,965.00	\$ 76.05	0.96%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	730	kWh	
Demand	1	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.76	1	\$ 4.76	\$ 4.83	1	\$ 4.83	\$ 0.07	1.47%
Distribution Volumetric Rate	\$ 5.7628	1	\$ 5.76	\$ 5.8492	1	\$ 5.85	\$ 0.09	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.1141	1	\$ (0.11)	\$ (0.11)	
<b>Sub-Total A (excluding pass through)</b>			\$ 10.52			\$ 10.57	\$ 0.04	0.40%
Line Losses on Cost of Power	\$ 0.1114	29	\$ 3.20	\$ 0.1114	29	\$ 3.20	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 1.2947	1	\$ (1.29)	-\$ 3.2831	1	\$ (3.28)	\$ (1.99)	153.58%
GA Rate Riders				\$ -	730	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 12.42			\$ 10.48	\$ (1.95)	-15.66%
RTSR - Network	\$ 1.8521	1	\$ 1.85	\$ 1.7887	1	\$ 1.79	\$ (0.06)	-3.42%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3867	1	\$ 1.39	\$ 1.4103	1	\$ 1.41	\$ 0.02	1.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 15.66			\$ 13.68	\$ (1.99)	-12.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	759	\$ 2.73	\$ 0.0036	759	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	759	\$ 0.99	\$ 0.0013	759	\$ 0.99	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	730	\$ 5.11	\$ 0.0070	730	\$ 5.11	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	759	\$ 0.83	\$ 0.0011	759	\$ 0.83	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	475	\$ 41.28	\$ 0.0870	475	\$ 41.28	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	124	\$ 16.38	\$ 0.1320	124	\$ 16.38	\$ -	0.00%
TOU - On Peak	\$ 0.1800	131	\$ 23.65	\$ 0.1800	131	\$ 23.65	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 106.89			\$ 104.90	\$ (1.99)	-1.86%
HST	13%		\$ 13.90	13%		\$ 13.64	\$ (0.26)	-1.86%
<b>Total Bill on TOU</b>			\$ 120.79			\$ 118.54	\$ (2.24)	-1.86%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	730	kWh	
Demand	1	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.64	1	\$ 3.64	\$ 3.69	1	\$ 3.69	\$ 0.05	1.37%
Distribution Volumetric Rate	\$ 0.0355	1	\$ 0.04	\$ 0.0360	1	\$ 0.04	\$ 0.00	1.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.0005	1	\$ (0.00)	\$ (0.00)	
<b>Sub-Total A (excluding pass through)</b>			\$ 3.68			\$ 3.73	\$ 0.05	1.36%
Line Losses on Cost of Power	\$ 0.1130	29	\$ 3.24	\$ 0.1130	29	\$ 3.24	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 2.7054	1	\$ 2.71	\$ 3.0770	1	\$ (3.08)	\$ (5.78)	-213.74%
GA Rate Riders				\$ 0.0161	730	\$ 11.75	\$ 11.75	
Low Voltage Service Charge	\$ -	1	\$ -		1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 9.62			\$ 15.64	\$ 6.02	62.57%
RTSR - Network	\$ 2.2722	1	\$ 2.27	\$ 2.1944	1	\$ 2.19	\$ (0.08)	-3.42%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7021	1	\$ 1.70	\$ 1.7311	1	\$ 1.73	\$ 0.03	1.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 13.60			\$ 19.57	\$ 5.97	43.92%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	759	\$ 2.73	\$ 0.0036	759	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	759	\$ 0.99	\$ 0.0013	759	\$ 0.99	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	730	\$ 5.11	\$ 0.0070	730	\$ 5.11	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	759	\$ 0.83	\$ 0.0011	759	\$ 0.83	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	730	\$ 82.49	\$ 0.1130	730	\$ 82.49	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 105.75			\$ 111.72	\$ 5.97	5.65%
HST	13%		\$ 13.75	13%		\$ 14.52	\$ 0.78	5.65%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 119.50			\$ 126.24	\$ 6.75	5.65%



Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>		
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	750	\$ 9.60	\$ 0.0086	750	\$ 6.45	\$ (3.15)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	
<b>Sub-Total A (excluding pass through)</b>			\$ 27.28			\$ 27.50	\$ 0.22	0.79%
Line Losses on Cost of Power	\$ 0.1130	29	\$ 3.33	\$ 0.1130	29	\$ 3.33	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0075	750	\$ 5.63	\$ 0.0085	750	\$ (6.38)	\$ (12.00)	-213.33%
GA Rate Riders				\$ 0.0161	750	\$ 12.08	\$ 12.08	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 37.03			\$ 37.32	\$ 0.29	0.78%
RTSR - Network	\$ 0.0074	779	\$ 5.77	\$ 0.0071	779	\$ 5.53	\$ (0.23)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	779	\$ 4.52	\$ 0.0059	779	\$ 4.60	\$ 0.08	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 47.31			\$ 47.45	\$ 0.13	0.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	779	\$ 2.81	\$ 0.0036	779	\$ 2.81	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	779	\$ 1.01	\$ 0.0013	779	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	779	\$ 0.86	\$ 0.0011	779	\$ 0.86	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 136.74			\$ 136.88	\$ 0.13	0.10%
HST	13%		\$ 17.78	13%		\$ 17.79	\$ 0.02	0.10%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 154.52			\$ 154.67	\$ 0.15	0.10%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	316	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	316	\$ 4.04	\$ 0.0086	316	\$ 2.72	\$ (1.33)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	316	\$ -	\$ 0.0003	316	\$ 0.09	\$ 0.09	
<b>Sub-Total A (excluding pass through)</b>			\$ 21.72			\$ 23.63	\$ 1.91	8.78%
Line Losses on Cost of Power	\$ 0.1114	12	\$ 1.38	\$ 0.1114	12	\$ 1.38	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0037	316	\$ (1.17)	-\$ 0.0085	316	\$ (2.69)	\$ (1.52)	129.73%
GA Rate Riders				\$ -	316	\$ -	\$ -	
Low Voltage Service Charge	\$ -	316	\$ -		316	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 22.73			\$ 23.12	\$ 0.39	1.72%
RTSR - Network	\$ 0.0074	328	\$ 2.43	\$ 0.0071	328	\$ 2.33	\$ (0.10)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	328	\$ 1.90	\$ 0.0059	328	\$ 1.94	\$ 0.03	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 27.06			\$ 27.39	\$ 0.33	1.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	328	\$ 1.18	\$ 0.0036	328	\$ 1.18	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	328	\$ 0.43	\$ 0.0013	328	\$ 0.43	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	328	\$ 0.36	\$ 0.0011	328	\$ 0.36	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	205	\$ 17.87	\$ 0.0870	205	\$ 17.87	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	54	\$ 7.09	\$ 0.1320	54	\$ 7.09	\$ -	0.00%
TOU - On Peak	\$ 0.1800	57	\$ 10.24	\$ 0.1800	57	\$ 10.24	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 64.48			\$ 64.81	\$ 0.33	0.50%
HST	13%		\$ 8.38	13%		\$ 8.43	\$ 0.04	0.50%
<b>Total Bill on TOU</b>			\$ 72.87			\$ 73.23	\$ 0.37	0.50%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Retailer)
Consumption	316 kWh
Demand	- kW
Current Loss Factor	1.0393
Proposed/Approved Loss Factor	1.0393

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	316	\$ 4.04	\$ 0.0086	316	\$ 2.72	\$ (1.33)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	316	\$ -	\$ 0.0003	316	\$ 0.09	\$ 0.09	
<b>Sub-Total A (excluding pass through)</b>			\$ 21.72			\$ 23.63	\$ 1.91	8.78%
Line Losses on Cost of Power	\$ 0.1130	12	\$ 1.40	\$ 0.1130	12	\$ 1.40	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0075	316	\$ 2.37	\$ 0.0085	316	\$ (2.69)	\$ (5.06)	-213.33%
GA Rate Riders				\$ 0.0161	316	\$ 5.09	\$ 5.09	
Low Voltage Service Charge	\$ -	316	\$ -		316	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 26.29			\$ 28.23	\$ 1.94	7.38%
RTSR - Network	\$ 0.0074	328	\$ 2.43	\$ 0.0071	328	\$ 2.33	\$ (0.10)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	328	\$ 1.90	\$ 0.0059	328	\$ 1.94	\$ 0.03	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 30.62			\$ 32.50	\$ 1.87	6.12%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	328	\$ 1.18	\$ 0.0036	328	\$ 1.18	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	328	\$ 0.43	\$ 0.0013	328	\$ 0.43	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	328	\$ 0.36	\$ 0.0011	328	\$ 0.36	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	316	\$ 35.71	\$ 0.1130	316	\$ 35.71	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 68.30			\$ 70.18	\$ 1.87	2.74%
HST 13%			\$ 8.88	13%		\$ 9.12	\$ 0.24	2.74%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 77.18			\$ 79.30	\$ 2.12	2.74%

## Appendix E

### 2017 IRM RateGen Model



# Incentive Regulation Model for 2017 Filers

## Quick Links

[Ontario Energy Board's 2017 Electricity Distribution Rates Webpage](#)

[Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications](#)

Version 1.1

Utility Name St. Thomas Energy Inc.

Assigned EB Number EB-2016-0104

Name of Contact and Title Robert Kent, COO

Phone Number 1-519-631-5550 x 5258

Email Address rkent@sttenergy.com

We are applying for rates effective January 1, 2017

Rate-Setting Method Annual IR Index

Please indicate in which Rate Year the Group 1 accounts were last cleared<sup>1</sup> 2016

Please indicate the last Cost of Service Re-Basing Year 2015

## Notes

☐ Pale green cells represent input cells.



# Incentive Regulation Model for 2017

## St. Thomas Energy Inc.

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

## RESIDENTIAL SERVICE CLASSIFICATION

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$
Distribution Volumetric Rate	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016	\$/kWh
Applicable only for Non-RPP Customers	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh

## MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2017

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

### APPLICATION

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

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

In this class:

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

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

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

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

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

### MONTHLY RATES AND CHARGES

#### Class A

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

OESP Credit \$

#### Class B

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

OESP Credit \$

#### Class C

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

OESP Credit \$

#### Class D

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

OESP Credit \$

#### Class E

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

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

OESP Credit 2. Current Tariff Schedule

Issued Month day, Year



# Incentive Regulation Model for 2017

## Class F

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

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

OESP Credit

\$

## Class G

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

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

OESP Credit

\$

## Class H

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

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

OESP Credit

\$

## Class I

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

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

OESP Credit

\$





# Incentive Regulation Model for 2017

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of Practice approved by the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be approved by 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 to be done 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 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 market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$
Distribution Volumetric Rate	\$/kWh
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kWh
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016	\$/kWh
Applicable only for Non-RPP Customers	\$/kWh
Retail Transmission Rate - Network Service Rate	\$/kWh
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2017

## GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 5,000 kW. Further servicing details are available in the Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be approved by 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 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 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 market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
Distribution Volumetric Rate	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016	\$/kW
Applicable only for Non-RPP Customers	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2017

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The costs for these customers will be based on the calculated connected load times the required lighting times established in the Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Manual of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be approved by 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 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 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 market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2017

## 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 photo cells. The consumption for these customers will be based on calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be approved by 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 incurred 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 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 market participant.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$
Distribution Volumetric Rate	\$/kW
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until December 31, 2016	\$/kW
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until December 31, 2016	\$/kW
Applicable only for Non-RPP Customers	\$/kW
Retail Transmission Rate - Network Service Rate	\$/kW
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2017

## microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System (IES) 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be administered in 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 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 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Distribution Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$
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# Incentive Regulation Model for 2017

## ALLOWANCES

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



# Incentive Regulation Model for 2017

## SPECIFIC SERVICE CHARGES

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code 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 electric service 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Debt Adjustment and the HST.

### Customer Administration

Arrears certificate	\$
Statement of account	\$
Pulling post dated cheques	\$
Duplicate invoices for previous billing	\$
Request for other billing information	\$
Easement letter	\$
Income tax letter	\$
Notification charge	\$
Account history	\$
Credit reference/credit check (plus credit agency costs)	\$
Returned cheque (plus bank charges)	\$
Charge to certify cheque	\$
Legal letter charge	\$
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$
Special meter reads	\$
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$

### Non-Payment of Account

Late payment - per month	%
Late payment - per annum	%
Collection of account charge - no disconnection	\$
Collection of account charge - no disconnection - after regular hours	\$
Disconnect/reconnect at meter - during regular hours	\$
Disconnect/reconnect at meter - after regular hours	\$
Disconnect/reconnect at pole - during regular hours	\$
Disconnect/reconnect at pole - after regular hours	\$
Install/remove load control device - during regular hours	\$
Install/remove load control device - after regular hours	\$

### Other

Specific charge for access to the power poles - \$/pole/year	\$
Disconnect/reconnect charge at customer's request - at meter during regular hours	\$



# Incentive Regulation Model for 2017

## 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 of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be approved by 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 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 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 paid by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the HST Adjustment and the HST.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$
Monthly Fixed Charge, per retailer	\$
Monthly Variable Charge, per customer, per retailer	\$/cust.
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.
Service Transaction Requests (STR)	
Request fee, per request, applied to the requesting party	\$
Processing fee, per request, applied to the requesting party	\$
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	\$
More than twice a year, per request (plus incremental delivery costs)	\$





# Incentive Regulation Model for 2017

## LOSS FACTORS

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

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

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



EB-2015-0102

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# Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

**When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.**

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number
<b>Group 1 Accounts</b>	
LV Variance Account	1550
Smart Metering Entity Charge Variance Account	1551
RSVA - Wholesale Market Service Charge	1580
Variance WMS – Sub-account CBR Class A	1580
Variance WMS – Sub-account CBR Class B	1580
RSVA - Retail Transmission Network Charge	1584
RSVA - Retail Transmission Connection Charge	1586
RSVA - Power	1588
RSVA - Global Adjustment	1589
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>4</sup>	1595
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	
<b>RSVA - Global Adjustment</b>	<b>1589</b>
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>	
<b>Total Group 1 Balance</b>	
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>
<b>Total including Account 1568</b>	

**For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.**

<sup>1</sup> Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

<sup>2</sup> For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

<sup>3</sup> If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

<sup>4</sup> Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.



2011
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[illegible]



## 2012

Opening Principal Amounts as of Jan 1, 2012	Transactions <sup>2</sup> Debit / (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
0				0	0				0
0				0	0				0
0	(652,602)			(652,602)	0			(8,589)	(8,589)
0				0	0				0
0				0	0				0
0	222,274			222,274	0			3,253	3,253
0	36,254			36,254	0			464	464
0	(1,446,660)			(1,446,660)	0			(24,221)	(24,221)
0	1,451,745			1,451,745	0			29,537	29,537
0				0	0				0
0	(227,526)			(227,526)	0			(84,607)	(84,607)
0	91,133			91,133	0			(38,876)	(38,876)
0	(49,928)			(49,928)	0			(4,508)	(4,508)
0				0	0				0
0				0	0				0
0				0	0				0
0	1,451,745	0	0	1,451,745	0	0	0	29,537	29,537
0	(2,027,055)	0	0	(2,027,055)	0	0	0	(157,084)	(157,084)
0	(575,310)	0	0	(575,310)	0	0	0	(127,547)	(127,547)
0				0	0				0
0	(575,310)	0	0	(575,310)	0	0	0	(127,547)	(127,547)

## 2013

Opening Principal Amounts as of Jan 1, 2013	Transactions <sup>2</sup> Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
0				0	0				0
0	9,770			9,770	0	109			109
(652,602)	(175,726)			(828,328)	(8,589)	(11,683)			(20,272)
0				0	0				0
0				0	0				0
222,274	8,750			231,024	3,253	3,200			6,453
36,254	(14,608)			21,646	464	135			599
(1,446,660)	(584,838)			(2,031,498)	(24,221)	(28,468)			(52,689)
1,451,745	677,980			2,129,725	29,537	32,235			61,772
0				0	0				0
(227,526)	186,376			(41,150)	(84,607)	(2,068)			(86,675)
91,133	(7,705)			83,428	(38,876)	1,273			(37,603)
(49,928)	354,548		(278,574)	26,046	(4,508)	800			(3,708)
0				0	0				0
0				0	0				0
0				0	0				0
1,451,745	677,980	0	0	2,129,725	29,537	32,235	0	0	61,772
(2,027,055)	(223,433)	0	(278,574)	(2,529,062)	(157,084)	(36,702)	0	0	(193,786)
(575,310)	454,547	0	(278,574)	(399,337)	(127,547)	(4,467)	0	0	(132,014)
0				0	0				0
(575,310)	454,547	0	(278,574)	(399,337)	(127,547)	(4,467)	0	0	(132,014)

☒ Check to Dispose of Account

## 2014

Opening Principal Amounts as of Jan 1, 2014	Transactions <sup>2</sup> Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014
0				0	0				0
9,770	(3,950)			5,820	109	124	0		233
(828,328)	(29,368)	(652,602)		(205,094)	(20,272)	(4,729)	(21,336)		(3,665)
0				0	0				0
0				0	0				0
231,024	52,812	222,274		61,562	6,453	1,617	7,594		476
21,646	31,325	36,254		16,717	599	103	1,172		(470)
(2,031,498)	(951,341)	(1,446,660)		(1,536,179)	(52,689)	(25,375)	(52,479)		(25,585)
2,129,725	1,457,688	1,451,745		2,135,668	61,772	23,217	57,893		27,096
0				0	0				0
(41,150)	63,236			22,086	(86,675)	290	0		(86,385)
83,428		50,218		33,210	(37,603)	302	3,019		(40,320)
26,046	421			26,467	(3,708)	565			(3,143)
0				0	0				0
0	332,098		(342,907)	(10,809)	0	(1,997)			(1,997)
0				0	0				0
2,129,725	1,457,688	1,451,745	0	2,135,668	61,772	23,217	57,893	0	27,096
(2,529,062)	(504,767)	(1,790,516)	(342,907)	(1,586,220)	(193,786)	(29,100)	(62,030)	0	(160,856)
(399,337)	952,921	(338,771)	(342,907)	549,448	(132,014)	(5,883)	(4,137)	0	(133,760)
0				0	0				0
(399,337)	952,921	(338,771)	(342,907)	549,448	(132,014)	(5,883)	(4,137)	0	(133,760)

## 2015

Opening Principal Amounts as of Jan 1, 2015	Transactions <sup>2</sup> Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 15	Opening Interest Amounts as of Jan 1, 15	Interest Jan 1 to Dec 31, 15	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 15
0				0	0				0
5,820	(50)	9,763	(10,233)	(14,226)	233	(50)	253		(70)
(205,094)		(175,726)	(586,647)	(616,015)	(3,665)	(2,780)	(1,519)		(4,926)
0				0	0				0
0			75,255	75,255	0	249			249
61,562		8,750	(41,289)	11,523	476	211	(1,012)		1,699
16,717		(14,608)	(5,788)	25,537	(470)	143	(788)		461
(1,536,179)		(584,838)	(1,818,079)	(2,769,420)	(25,585)	(24,128)	(8,807)		(40,906)
2,135,668		677,980	2,042,100	3,499,788	27,096	28,446	13,845	(44)	41,653
0				0	0				0
22,086			(38)	22,048	(86,385)	263			(86,122)
33,210		33,210		0	(40,320)		(40,134)		(186)
26,467		26,046	39	460	(3,143)		(3,325)		182
0				0	0				0
(10,809)	0		190,383	179,574	(1,997)	1,947		62	12
0	(2,053)		(47,340)	(49,393)	0	4,072			4,072
2,135,668	0	677,980	2,042,100	3,499,788	27,096	28,446	13,845	(44)	41,653
(1,586,220)	(2,103)	(697,403)	(2,243,737)	(3,134,657)	(160,856)	(20,073)	(55,332)	62	(125,535)
549,448	(2,103)	(19,423)	(201,637)	365,131	(133,760)	8,373	(41,487)	18	(83,882)
0	173,072	0		173,072	0	3,823			3,823
549,448	170,969	(19,423)	(201,637)	538,204	(133,760)	12,196	(41,487)	18	(80,059)

If you have a Class A customer, 1580 sub-a disposed through a rate rider calculated out:

If you have only Class B customers, the bal allocated and disposed with account 1580.

Please click if you have one or more Class /

2016				Projected Interest on Dec-31-15 B		
Principal Disposition during 2016 - instructed by OEB	Interest Disposition during 2016 - instructed by OEB	Closing Principal Balances as of Dec 31, 2016 Adjusted for Dispositions during 2016	Closing Interest Balances as of Dec 31, 15 Adjusted for Disposition in 2016	Projected Interest from Jan 1, 2016 to December 31, 2016 on Dec 31 -15 balance adjusted for disposition during 2016 <sup>3</sup>	Projected Interest from January 1, 2017 to April 30, 2017 on Dec 31 -15 balance adjusted for disposition during 2016 <sup>3</sup>	Total Interest
		0	0			0
(3,943)	(78)	(10,283)	8	(113)		(105)
(29,368)	(2,578)	(586,647)	(2,348)	(6,453)		(8,801)
		0	0	0		0
		75,255	249	828		1,077
52,812	2,264	(41,289)	(565)	(454)		(1,019)
31,325	778	(5,788)	(317)	(64)		(381)
(951,341)	(30,763)	(1,818,079)	(10,143)	(19,999)		(30,142)
1,457,688	34,679	2,042,100	6,974	22,463		29,437
		0	0	0		0
22,086	(86,060)	(38)	(62)	(0)		(62)
	(186)	0	0	0		0
421	188	39	(6)	0		(6)
		0	0	0		0
		179,574	12	1,975		1,987
		(49,393)	4,072	(543)		3,529
1,457,688	34,679	2,042,100	6,974	22,463	0	29,437
(878,008)	(116,435)	(2,256,649)	(9,100)	(24,823)	0	(33,923)
579,680	(81,756)	(214,549)	(2,126)	(2,360)	0	(4,486)
		173,072	3,823	1,904		5,727
579,680	(81,756)	(41,476)	1,697	(456)	0	1,241

Account CBR Class B will be  
side the model (if significant).

ance applicable to Class B will be

A customers.

Balances		2.1.7 RRR	
Total Claim	As of Dec 31-15	Variance RRR vs. 2015 Balance (Principal + Interest)	
	0.00	0	0
	(10,388.11)	(14,296)	0
	(595,448.12)	(545,437)	75,504
<input type="checkbox"/> Check to Dispose of Account (Disabled)	0.00	0	0
<input checked="" type="checkbox"/> Check to Dispose of Account	76,331.81	75,504	0
	(42,308.18)	13,221	(1)
	(6,168.67)	25,998	0
	(1,848,220.87)	(2,810,326)	0
	2,071,537.10	3,541,441	0
<input type="checkbox"/> Check to Dispose of Account	0.00	0	0
<input checked="" type="checkbox"/> Check to Dispose of Account	(100.42)	(64,078)	(4)
<input type="checkbox"/> Check to Dispose of Account	0.00	(186)	0
<input checked="" type="checkbox"/> Check to Dispose of Account	33.43	642	0
<input type="checkbox"/> Check to Dispose of Account	0.00	0	0
<input checked="" type="checkbox"/> Check to Dispose of Account	181,561.31	179,586	0
<input checked="" type="checkbox"/> Check to Dispose of Account	(45,864.04)	(45,321)	(0)
	2,071,537.10	3,541,441	0
	(2,290,571.85)	(3,260,197)	(5)
	(219,034.75)	281,244	(5)
	178,799.45	(1,105)	(178,001)
	(40,235.30)	280,139	(178,006)



Incentive Regulation Model for 2017 Filers

Data on this worksheet has been populated using your most recent RRR filing.

Click on the checkbox to confirm the accuracy of the data below:

If you have identified any issues, please [contact](#) the

YES

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers	Metered kW for Non-RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2010) <sup>1</sup>	1595 Recovery Proportion (2012) <sup>1</sup>	1595 Recovery Proportion (2014) <sup>1</sup>	1595 Recovery Proportion (2015) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	116,087,199	0	11,966,000	0			116,087,199	0	41%	41%	40%	42%	\$34,225	15,207
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	40,623,453	0	9,354,831	0			40,623,453	0	13%	13%	12%	15%	\$127,124	1,733
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	110,780,822	281,900	104,209,586	257,902			110,780,822	281,900	44%	44%	46%	42%	\$17,472	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	54,503	151	3,313	9			54,503	151	0%	0%		0%	-\$17	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,151,934	8,722	3,149,202	8,714			3,151,934	8,722	1%	1%	1%	1%	-\$4	
Total		270,697,912	290,773	128,682,932	266,626	0	0	270,697,912	290,773	100%	100%	100%	100%	\$178,799	16,940

Threshold Test

Total Claim (including Account 1568) (\$40,235)  
Total Claim for Threshold Test (All Group 1 Accounts) (\$219,035)  
Threshold Test (Total claim per kWh) <sup>2</sup> (\$0.0008) Claim does not meet the threshold test.

As per Section 3.2.5 of the 2017 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

1568 Account Balance from Continuity Schedule	\$178,799
Total Balance of Account 1568 in Column R matches the amount entered on the Continuity Schedule	

<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.



# Incentive Regulation Model for 2017 Filers

No input required. This workshseet 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 Customer Numbers **	% of Total kWh adjusted for WMP			allocated based on Total less WMP			allocated based on Total less WMP
	% of Total kWh	% of Total non- RPP kWh			1550	1551		1580	1584	





Ontario Energy Board

# Incentive Regulation M

The purpose of this tab is to calculate the GA rate riders for all current Class A customers. Effective January 2017, the billing determinant and all rate riders for the distribution class (see Chapter 3, Filing Requirements, section 3.2.5.2)

RESIDENTIAL SERVICE CLASSIFICATION	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh
	<hr/>
	<b>Total</b>

\*For new Class A customers (who became Class A in 2015), add their consumption only

# Model for 2017 Filers

Class B customers of the distributor.  
Disposition of GA balances will be calculated on an energy basis (

Total Metered Non-RPP consumption minus WMP	Total Metered Class A Consumption in 2015 (partial and/or full year Class A customers)*
kWh	kWh
11,966,000	
9,354,831	
104,209,586	
3,313	
3,149,202	
128,682,932	0

related to July to December period.

Below is a GA calculation based on non-RPP consumption data minus Class A consumption. If a Class B customer switched into Class A during the 2015 rate year click this checkbox: ☐

Identify the total billed consumption for former Class B customers prior to becoming Class A customers (i.e. Jan. 1 to June 30, 2015) in columns G.

kWhs) regardless of the billing determinant used for distribution rates for the

Metered Consumption for Current Class B Customers (Non-RPP consumption LESS WMP, Class A and new Class A's former Class B consumption if applicable)	% of total kWh	Total GA \$ allocated to Current Class B Customers
<b>kWh</b>		
11,966,000	9.3%	\$192,629
9,354,831	7.3%	\$150,594
104,209,586	81.0%	\$1,677,565
3,313	0.0%	\$53
3,149,202	2.4%	\$50,696
128,682,932	100.0%	\$2,071,537

**GA Rate Rider**

---

\$0.0161	kWh
\$0.0161	kWh
\$0.0161	kWh
\$0.0161	kWh
\$0.0161	kWh

---



## Incentive Regulation Model for 2017 Filers

**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
----

  
Proposed Rate Rider Recovery Period (in months) 

12
----

**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 <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider



# Incentive Regulation Model for 2017 Filers

## Summary - Sharing of Tax Change Forecast Amounts

For the 2015 year, enter any Tax Credits from the Cost of Service Tax Calculation  
(Positive #)

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

	2015	2017
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	\$ 29,311,377	\$ 29,311,377
Deduction from taxable capital up to \$15,000,000	\$ -	\$ -
Net Taxable Capital	\$ 29,311,377	\$ 29,311,377
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

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

Regulatory Taxable Income	\$ 104,855	\$ 104,855
Corporate Tax Rate	26.50%	26.500%
Tax Impact	\$ 27,787	\$ 27,787
<b>Grossed-up Tax Amount</b>	<b>\$ 37,805</b>	<b>\$ 37,805</b>
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 37,805	\$ 37,805
Total Tax Related Amounts	\$ 37,805	\$ 37,805
Incremental Tax Savings		-\$ 0
<b>Sharing of Tax Amount (50%)</b>		<b>-\$ 0</b>

## Incentive Regulation Model for 2017 Filers

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 Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue L = H / J	Distribution Volumetric Rate % Revenue M = I / J	Total % Revenue N = J / R
		A	B	C	D	E	F								
RESIDENTIAL SERVICE CLASSIFICATION	kWh	15,120	120,603,908	0	14.21	0.0168		2,578,299	2,026,146	0	4,604,445	56.0%	44.0%	0.0%	64.9%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	1,737	40,656,676	0	23.20	0.0158		483,534	642,375	0	1,125,909	42.9%	57.1%	0.0%	15.9%
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	144	116,608,841	297,360	72.31		3,4616	124,952	0	1,029,341	1,154,293	10.8%	0.0%	89.2%	16.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	52	22,839	174	4.68		5,6609	2,923	0	985	3,908	74.8%	0.0%	25.2%	0.1%
STREET LIGHTING SERVICE CLASSIFICATION	kW	4,918	3,118,174	8,629	3.58		0.0349	211,050	0	301	211,351	99.9%	0.0%	0.1%	3.0%
<b>Total</b>		21,971	281,010,438	306,163				3,400,758	2,668,521	1,030,627	7,099,907				100.0%

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	116,087,199	0	0	0.000	S/customer
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	40,623,453	0	0	0.0000	kWh
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	110,780,822	281,900	0	0.0000	kW
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	54,503	151	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,151,934	8,722	0	0.0000	kW
<b>Total</b>		270,697,912	290,773	<b>-50</b>		

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date (see Filing Requirements, Appendix B)



Ontario Energy Board

## Incentive Regulation Model for 2017 Filers

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	0.0074	116,087,199	0	1.0393	120,649,426
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	116,087,199	0	1.0393	120,649,426
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	40,623,453	0	1.0393	42,219,955
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054	40,623,453	0	1.0393	42,219,955
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9466	110,780,822	281,900		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2076	110,780,822	281,900		
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8521	54,503	151		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3867	54,503	151		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2722	3,151,934	8,722		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7021	3,151,934	8,722		





# Incentive Regulation Model for 2017 Filers

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

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

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

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

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

# Incentive Regulation Model for 2017 Filers

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				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	45,155	\$3.78	\$ 170,686	46,062	\$0.86	\$ 39,613	46,062	\$2.00	\$ 92,124				\$ 131,737
February	45,742	\$3.78	\$ 172,905	45,818	\$0.86	\$ 39,403	45,818	\$2.00	\$ 91,636				\$ 131,039
March	42,817	\$3.78	\$ 161,848	42,871	\$0.86	\$ 36,869	42,871	\$2.00	\$ 85,742				\$ 122,611
April	37,669	\$3.78	\$ 142,389	37,725	\$0.86	\$ 32,444	37,725	\$2.00	\$ 75,450				\$ 107,894
May	42,252	\$3.78	\$ 159,713	42,289	\$0.86	\$ 36,369	42,289	\$2.00	\$ 84,578				\$ 120,947
June	44,693	\$3.78	\$ 168,940	46,506	\$0.86	\$ 39,995	46,506	\$2.00	\$ 93,012				\$ 133,007
July	55,698	\$3.78	\$ 210,538	55,926	\$0.86	\$ 48,096	55,926	\$2.00	\$ 111,852				\$ 159,948
August	55,630	\$3.78	\$ 210,281	55,910	\$0.86	\$ 48,083	55,910	\$2.00	\$ 111,820				\$ 159,903
September	55,881	\$3.78	\$ 211,230	57,151	\$0.86	\$ 49,150	57,151	\$2.00	\$ 114,302				\$ 163,452
October	35,465	\$3.78	\$ 134,058	36,904	\$0.86	\$ 31,737	36,904	\$2.00	\$ 73,808				\$ 105,545
November	39,805	\$3.78	\$ 150,463	41,249	\$0.86	\$ 35,474	41,249	\$2.00	\$ 82,498				\$ 117,972
December	40,598	\$3.78	\$ 153,460	42,384	\$0.86	\$ 36,450	42,384	\$2.00	\$ 84,768				\$ 121,218
<b>Total</b>	<b>541,405</b>	<b>\$ 3.78</b>	<b>\$ 2,046,511</b>	<b>550,795</b>	<b>\$ 0.86</b>	<b>\$ 473,684</b>	<b>550,795</b>	<b>\$ 2.00</b>	<b>\$ 1,101,590</b>				<b>\$ 1,575,274</b>

Hydro One				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00					\$ -
February		\$0.00			\$0.00			\$0.00					\$ -
March		\$0.00			\$0.00			\$0.00					\$ -
April		\$0.00			\$0.00			\$0.00					\$ -
May		\$0.00			\$0.00			\$0.00					\$ -
June		\$0.00			\$0.00			\$0.00					\$ -
July		\$0.00			\$0.00			\$0.00					\$ -
August		\$0.00			\$0.00			\$0.00					\$ -
September		\$0.00			\$0.00			\$0.00					\$ -
October		\$0.00			\$0.00			\$0.00					\$ -
November		\$0.00			\$0.00			\$0.00					\$ -
December		\$0.00			\$0.00			\$0.00					\$ -
<b>Total</b>	<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) (if needed)				Network			Line Connection			Transformation Connection			Total Line
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) (if needed)				Network			Line Connection			Transformation Connection			Total Line
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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	45,155	\$ 3.7800	\$ 170,686	46,062	\$ 0.8600	\$ 39,613	46,062	\$ 2.0000	\$ 92,124				\$ 131,737
February	45,742	\$ 3.7800	\$ 172,905	45,818	\$ 0.8600	\$ 39,403	45,818	\$ 2.0000	\$ 91,636				\$ 131,039
March	42,817	\$ 3.7800	\$ 161,848	42,871	\$ 0.8600	\$ 36,869	42,871	\$ 2.0000	\$ 85,742				\$ 122,611
April	37,669	\$ 3.7800	\$ 142,389	37,725	\$ 0.8600	\$ 32,444	37,725	\$ 2.0000	\$ 75,450				\$ 107,894
May	42,252	\$ 3.7800	\$ 159,713	42,289	\$ 0.8600	\$ 36,369	42,289	\$ 2.0000	\$ 84,578				\$ 120,947
June	44,693	\$ 3.7800	\$ 168,940	46,506	\$ 0.8600	\$ 39,995	46,506	\$ 2.0000	\$ 93,012				\$ 133,007
July	55,698	\$ 3.7800	\$ 210,538	55,926	\$ 0.8600	\$ 48,096	55,926	\$ 2.0000	\$ 111,852				\$ 159,948
August	55,630	\$ 3.7800	\$ 210,281	55,910	\$ 0.8600	\$ 48,083	55,910	\$ 2.0000	\$ 111,820				\$ 159,903
September	55,881	\$ 3.7800	\$ 211,230	57,151	\$ 0.8600	\$ 49,150	57,151	\$ 2.0000	\$ 114,302				\$ 163,452
October	35,465	\$ 3.7800	\$ 134,058	36,904	\$ 0.8600	\$ 31,737	36,904	\$ 2.0000	\$ 73,808				\$ 105,545
November	39,805	\$ 3.7800	\$ 150,463	41,249	\$ 0.8600	\$ 35,474	41,249	\$ 2.0000	\$ 82,498				\$ 117,972
December	40,598	\$ 3.7800	\$ 153,460	42,384	\$ 0.8600	\$ 36,450	42,384	\$ 2.0000	\$ 84,768				\$ 121,218
<b>Total</b>	<b>541,405</b>	<b>\$ 3.78</b>	<b>\$ 2,046,511</b>	<b>550,795</b>	<b>\$ 0.86</b>	<b>\$ 473,684</b>	<b>550,795</b>	<b>\$ 2.00</b>	<b>\$ 1,101,590</b>				<b>\$ 1,575,274</b>

# Incentive Regulation Model for 2017 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	45,155	\$ 3,6600	\$ 165,267	46,062	\$ 0.8700	\$ 40,074	46,062	\$ 2.0200	\$ 93,045	\$ 133,119
February	45,742	\$ 3,6600	\$ 167,416	45,818	\$ 0.8700	\$ 39,862	45,818	\$ 2.0200	\$ 92,552	\$ 132,414
March	42,817	\$ 3,6600	\$ 156,710	42,871	\$ 0.8700	\$ 37,298	42,871	\$ 2.0200	\$ 86,599	\$ 123,897
April	37,669	\$ 3,6600	\$ 137,869	37,725	\$ 0.8700	\$ 32,821	37,725	\$ 2.0200	\$ 76,205	\$ 109,025
May	42,252	\$ 3,6600	\$ 154,042	42,289	\$ 0.8700	\$ 36,791	42,289	\$ 2.0200	\$ 85,424	\$ 122,215
June	44,693	\$ 3,6600	\$ 163,576	46,506	\$ 0.8700	\$ 40,460	46,506	\$ 2.0200	\$ 93,942	\$ 134,402
July	55,698	\$ 3,6600	\$ 203,855	55,926	\$ 0.8700	\$ 48,656	55,926	\$ 2.0200	\$ 112,971	\$ 161,626
August	55,630	\$ 3,6600	\$ 203,606	55,910	\$ 0.8700	\$ 48,642	55,910	\$ 2.0200	\$ 112,938	\$ 161,580
September	55,881	\$ 3,6600	\$ 204,524	57,151	\$ 0.8700	\$ 49,721	57,151	\$ 2.0200	\$ 115,445	\$ 165,166
October	35,465	\$ 3,6600	\$ 129,802	36,904	\$ 0.8700	\$ 32,106	36,904	\$ 2.0200	\$ 74,546	\$ 106,653
November	39,805	\$ 3,6600	\$ 145,686	41,249	\$ 0.8700	\$ 35,887	41,249	\$ 2.0200	\$ 83,323	\$ 119,210
December	40,598	\$ 3,6600	\$ 148,589	42,384	\$ 0.8700	\$ 36,874	42,384	\$ 2.0200	\$ 85,616	\$ 122,490
<b>Total</b>	<b>541,405</b>	<b>\$ 3.66</b>	<b>\$ 1,981,542</b>	<b>550,795</b>	<b>\$ 0.87</b>	<b>\$ 479,192</b>	<b>550,795</b>	<b>\$ 2.02</b>	<b>\$ 1,112,606</b>	<b>\$ 1,591,798</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3,4121	\$ -	-	\$ 0.7879	\$ -	-	\$ 1.8018	\$ -	\$ -
February	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
March	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
April	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
May	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
June	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
July	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
August	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
September	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
October	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
November	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
December	-	\$ 3,3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
<b>Total</b>	<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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	45,155	\$ 3,6600	\$ 165,267	46,062	\$ 0.8700	\$ 40,074	46,062	\$ 2.0200	\$ 93,045	\$ 133,119
February	45,742	\$ 3,6600	\$ 167,416	45,818	\$ 0.8700	\$ 39,862	45,818	\$ 2.0200	\$ 92,552	\$ 132,414
March	42,817	\$ 3,6600	\$ 156,710	42,871	\$ 0.8700	\$ 37,298	42,871	\$ 2.0200	\$ 86,599	\$ 123,897
April	37,669	\$ 3,6600	\$ 137,869	37,725	\$ 0.8700	\$ 32,821	37,725	\$ 2.0200	\$ 76,205	\$ 109,025
May	42,252	\$ 3,6600	\$ 154,042	42,289	\$ 0.8700	\$ 36,791	42,289	\$ 2.0200	\$ 85,424	\$ 122,215
June	44,693	\$ 3,6600	\$ 163,576	46,506	\$ 0.8700	\$ 40,460	46,506	\$ 2.0200	\$ 93,942	\$ 134,402
July	55,698	\$ 3,6600	\$ 203,855	55,926	\$ 0.8700	\$ 48,656	55,926	\$ 2.0200	\$ 112,971	\$ 161,626
August	55,630	\$ 3,6600	\$ 203,606	55,910	\$ 0.8700	\$ 48,642	55,910	\$ 2.0200	\$ 112,938	\$ 161,580
September	55,881	\$ 3,6600	\$ 204,524	57,151	\$ 0.8700	\$ 49,721	57,151	\$ 2.0200	\$ 115,445	\$ 165,166
October	35,465	\$ 3,6600	\$ 129,802	36,904	\$ 0.8700	\$ 32,106	36,904	\$ 2.0200	\$ 74,546	\$ 106,653
November	39,805	\$ 3,6600	\$ 145,686	41,249	\$ 0.8700	\$ 35,887	41,249	\$ 2.0200	\$ 83,323	\$ 119,210
December	40,598	\$ 3,6600	\$ 148,589	42,384	\$ 0.8700	\$ 36,874	42,384	\$ 2.0200	\$ 85,616	\$ 122,490
<b>Total</b>	<b>541,405</b>	<b>\$ 3.66</b>	<b>\$ 1,981,542</b>	<b>550,795</b>	<b>\$ 0.87</b>	<b>\$ 479,192</b>	<b>550,795</b>	<b>\$ 2.02</b>	<b>\$ 1,112,606</b>	<b>\$ 1,591,798</b>

# Incentive Regulation Model for 2017 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	45,155	\$ 3.6600	\$ 165,267	46,062	\$ 0.8700	\$ 40,074	46,062	\$ 2.0200	\$ 93,045	\$ 133,119
February	45,742	\$ 3.6600	\$ 167,416	45,818	\$ 0.8700	\$ 39,862	45,818	\$ 2.0200	\$ 92,552	\$ 132,414
March	42,817	\$ 3.6600	\$ 156,710	42,871	\$ 0.8700	\$ 37,298	42,871	\$ 2.0200	\$ 86,599	\$ 123,897
April	37,669	\$ 3.6600	\$ 137,869	37,725	\$ 0.8700	\$ 32,821	37,725	\$ 2.0200	\$ 76,205	\$ 109,025
May	42,252	\$ 3.6600	\$ 154,642	42,289	\$ 0.8700	\$ 36,791	42,289	\$ 2.0200	\$ 85,424	\$ 122,215
June	44,693	\$ 3.6600	\$ 163,576	46,506	\$ 0.8700	\$ 40,460	46,506	\$ 2.0200	\$ 93,942	\$ 134,402
July	55,698	\$ 3.6600	\$ 203,855	55,926	\$ 0.8700	\$ 48,656	55,926	\$ 2.0200	\$ 112,971	\$ 161,626
August	55,630	\$ 3.6600	\$ 203,606	55,910	\$ 0.8700	\$ 48,642	55,910	\$ 2.0200	\$ 112,938	\$ 161,580
September	55,881	\$ 3.6600	\$ 204,524	57,151	\$ 0.8700	\$ 49,721	57,151	\$ 2.0200	\$ 115,445	\$ 165,166
October	35,465	\$ 3.6600	\$ 129,802	36,904	\$ 0.8700	\$ 32,106	36,904	\$ 2.0200	\$ 74,546	\$ 106,653
November	39,805	\$ 3.6600	\$ 145,686	41,249	\$ 0.8700	\$ 35,887	41,249	\$ 2.0200	\$ 83,323	\$ 119,210
December	40,598	\$ 3.6600	\$ 148,589	42,384	\$ 0.8700	\$ 36,874	42,384	\$ 2.0200	\$ 85,616	\$ 122,490
<b>Total</b>	<b>541,405</b>	<b>\$ 3.66</b>	<b>\$ 1,981,542</b>	<b>550,795</b>	<b>\$ 0.87</b>	<b>\$ 479,192</b>	<b>550,795</b>	<b>\$ 2.02</b>	<b>\$ 1,112,606</b>	<b>\$ 1,591,798</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
February	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
March	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
April	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
May	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
June	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
July	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
August	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
September	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
October	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
November	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
December	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
<b>Total</b>	<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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<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 Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	45,155	\$ 3.66	\$ 165,267	46,062	\$ 0.87	\$ 40,074	46,062	\$ 2.02	\$ 93,045	\$ 133,119
February	45,742	\$ 3.66	\$ 167,416	45,818	\$ 0.87	\$ 39,862	45,818	\$ 2.02	\$ 92,552	\$ 132,414
March	42,817	\$ 3.66	\$ 156,710	42,871	\$ 0.87	\$ 37,298	42,871	\$ 2.02	\$ 86,599	\$ 123,897
April	37,669	\$ 3.66	\$ 137,869	37,725	\$ 0.87	\$ 32,821	37,725	\$ 2.02	\$ 76,205	\$ 109,025
May	42,252	\$ 3.66	\$ 154,642	42,289	\$ 0.87	\$ 36,791	42,289	\$ 2.02	\$ 85,424	\$ 122,215
June	44,693	\$ 3.66	\$ 163,576	46,506	\$ 0.87	\$ 40,460	46,506	\$ 2.02	\$ 93,942	\$ 134,402
July	55,698	\$ 3.66	\$ 203,855	55,926	\$ 0.87	\$ 48,656	55,926	\$ 2.02	\$ 112,971	\$ 161,626
August	55,630	\$ 3.66	\$ 203,606	55,910	\$ 0.87	\$ 48,642	55,910	\$ 2.02	\$ 112,938	\$ 161,580
September	55,881	\$ 3.66	\$ 204,524	57,151	\$ 0.87	\$ 49,721	57,151	\$ 2.02	\$ 115,445	\$ 165,166
October	35,465	\$ 3.66	\$ 129,802	36,904	\$ 0.87	\$ 32,106	36,904	\$ 2.02	\$ 74,546	\$ 106,653
November	39,805	\$ 3.66	\$ 145,686	41,249	\$ 0.87	\$ 35,887	41,249	\$ 2.02	\$ 83,323	\$ 119,210
December	40,598	\$ 3.66	\$ 148,589	42,384	\$ 0.87	\$ 36,874	42,384	\$ 2.02	\$ 85,616	\$ 122,490
<b>Total</b>	<b>541,405</b>	<b>\$ 3.66</b>	<b>\$ 1,981,542</b>	<b>550,795</b>	<b>\$ 0.87</b>	<b>\$ 479,192</b>	<b>550,795</b>	<b>\$ 2.02</b>	<b>\$ 1,112,606</b>	<b>\$ 1,591,798</b>

## Incentive Regulation Model for 2017 Filers

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	0.0074	120,649,426	0	892,806	43.5%	862,253	0.0071
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	42,219,955	0	308,206	15.0%	297,658	0.0071
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9466		281,900	830,647	40.5%	802,221	2.9458
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8521		151	280	0.0%	270	1.7887
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2722		8,722	19,818	1.0%	19,140	2.1944

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	0.0058	120,649,426	0	699,767	44.7%	711,689	0.0059
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0054	42,219,955	0	227,988	14.6%	231,872	0.0055
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2076		281,900	622,322	39.8%	632,925	2.2452
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3867		151	210	0.0%	213	1.4104
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7021		8,722	14,846	0.9%	15,099	1.7311

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	0.0071	120,649,426	0	862,253	43.5%	862,253	0.0071
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	42,219,955	0	297,658	15.0%	297,658	0.0071
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8458		281,900	802,221	40.5%	802,221	2.8458
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7887		151	270	0.0%	270	1.7887
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1944		8,722	19,140	1.0%	19,140	2.1944

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	0.0059	120,649,426	0	711,689	44.7%	711,689	0.0059
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	42,219,955	0	231,872	14.6%	231,872	0.0055
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2452		281,900	632,925	39.8%	632,925	2.2452
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4104		151	213	0.0%	213	1.4103
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7311		8,722	15,099	0.9%	15,099	1.7311



# Incentive Regulation Model for 2017 Filers

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 2016 values and will be updated by OEB staff at a later date.

Price Escalator	2.10%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	15,120	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group		Price Cap Index	1.50%	Billed kWh for Residential Class (approved in the last CoS)	120,603,908	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.60%						
				Rate Design Transition Years Left	3		

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
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Ontario Energy Board

# Incentive Regulation

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

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

**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2016-0104

## RESIDENTIAL SERVICE CLASSIFICATION

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

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	20.45
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.37
Distribution Volumetric Rate	\$/kWh	0.0086
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0085)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

## 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



**St. Thomas Energy Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2016-0104

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

### APPLICATION

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

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

In this class:

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

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

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

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

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

### MONTHLY RATES AND CHARGES

#### Class A

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

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

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

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

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

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

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

OESP Credit	\$	(42.00)
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**St. Thomas Energy Inc.**  
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**Class E**

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

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

OESP Credit \$ (45.00)

**Class F**

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

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

OESP Credit \$ (50.00)

**Class G**

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

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

OESP Credit \$ (55.00)

**Class H**

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

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

OESP Credit \$ (60.00)

**Class I**

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

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

OESP Credit \$ (75.00)

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## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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	\$	23.97
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0163
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0086)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055

### MONTHLY RATES AND CHARGES - Regulatory Component

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

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## **GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION**

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

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

Service Charge	\$	74.71
Distribution Volumetric Rate	\$/kW	3.5768
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	0.0620
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(3.2784)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8458
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2452

### **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

**St. Thomas Energy Inc.**  
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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for individual lighting on private property controlled by photo cells. The consumption for these customers will be based on the calculated connected 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)	\$	4.83
Distribution Volumetric Rate	\$/kW	5.8492
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	(0.1141)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(3.2831)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7887
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4103

### MONTHLY RATES AND CHARGES - Regulatory Component

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

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## STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting 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)	\$	3.69
Distribution Volumetric Rate	\$/kW	0.0360
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0161
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(3.0770)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1944
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7311

### MONTHLY RATES AND CHARGES - Regulatory Component

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

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## **microFIT SERVICE CLASSIFICATION**

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

## **APPLICATION**

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

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	\$	10.00
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**ALLOWANCES**

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



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## **SPECIFIC SERVICE CHARGES**

### **APPLICATION**

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

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
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
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
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
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**

Specific charge for access to the power poles - \$/pole/year	\$	22.35
Disconnect/reconnect charge at customer's request - at meter during regular hours	\$	65.00

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## **RETAIL SERVICE CHARGES (if applicable)**

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

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

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**LOSS FACTORS**

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0393
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0289




# Incentive Regulation Model for 2017 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (in other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.

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

**Note:**

- For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.
- Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

**Table 1**

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0393	1.0393	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION		RPP	1.0393	1.0393	2,000		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0393	1.0393	43,800	100	DEMAND	
SENTINEL LIGHTING SERVICE CLASSIFICATION		RPP	1.0393	1.0393	730	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0393	1.0393	730	1	DEMAND	1
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0393	1.0393	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0393	1.0393	316		N/A	
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0393	1.0393	316		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
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Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

**Table 2**

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total
		A		B		C		A + B + C
		\$	%	\$	%	\$	%	\$
1 RESIDENTIAL SERVICE CLASSIFICATION - RPP								
2 GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP								
3 GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)								
4 SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP								
5 STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)								
6 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)								
7 RESIDENTIAL SERVICE CLASSIFICATION - RPP								
8 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)								
9								
10								
11								
12								
13								
14			9					
15								

16								
17								
18								
19								
20								

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Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	750	\$ 9.60	\$ 0.0086	750	\$ 6.45	\$ (3.15)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	
<b>Sub-Total A (excluding pass through)</b>			\$ 27.28			\$ 27.50	\$ 0.22	0.79%
Line Losses on Cost of Power	\$ 0.1114	29	\$ 3.28	\$ 0.1114	29	\$ 3.28	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0037	750	\$ (2.78)	-\$ 0.0085	750	\$ (6.38)	\$ (3.60)	129.73%
GA Rate Riders				\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 28.58			\$ 25.19	\$ (3.39)	-11.84%
RTSR - Network	\$ 0.0074	779	\$ 5.77	\$ 0.0071	779	\$ 5.53	\$ (0.23)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	779	\$ 4.52	\$ 0.0059	779	\$ 4.60	\$ 0.08	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 38.87			\$ 35.33	\$ (3.54)	-9.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	779	\$ 2.81	\$ 0.0036	779	\$ 2.81	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	779	\$ 1.01	\$ 0.0013	779	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	779	\$ 0.86	\$ 0.0011	779	\$ 0.86	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 127.34			\$ 123.80	\$ (3.54)	-2.78%
HST	13%		\$ 16.55	13%		\$ 16.09	\$ (0.46)	-2.78%
<b>Total Bill on TOU</b>			\$ 143.89			\$ 139.89	\$ (4.00)	-2.78%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.62	1	\$ 23.62	\$ 23.97	1	\$ 23.97	\$ 0.35	1.48%
Distribution Volumetric Rate	\$ 0.0161	2000	\$ 32.20	\$ 0.0163	2000	\$ 32.60	\$ 0.40	1.24%
Fixed Rate Riders	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0031	2000	\$ 6.20	\$ 6.20	
<b>Sub-Total A (excluding pass through)</b>			\$ 56.61			\$ 63.56	\$ 6.95	12.28%
Line Losses on Cost of Power	\$ 0.1114	79	\$ 8.76	\$ 0.1114	79	\$ 8.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0036	2,000	\$ (7.20)	-\$ 0.0086	2,000	\$ (17.20)	\$ (10.00)	138.89%
GA Rate Riders				\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 58.96			\$ 55.91	\$ (3.05)	-5.17%
RTSR - Network	\$ 0.0073	2,079	\$ 15.17	\$ 0.0071	2,079	\$ 14.76	\$ (0.42)	-2.74%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0054	2,079	\$ 11.22	\$ 0.0055	2,079	\$ 11.43	\$ 0.21	1.85%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 85.35			\$ 82.10	\$ (3.26)	-3.82%
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)	\$ 0.0013	2,079	\$ 2.70	\$ 0.0013	2,079	\$ 2.70	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,079	\$ 2.29	\$ 0.0011	2,079	\$ 2.29	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 334.86			\$ 331.60	\$ (3.26)	-0.97%
HST	13%		\$ 43.53	13%		\$ 43.11	\$ (0.42)	-0.97%
<b>Total Bill on TOU</b>			\$ 378.39			\$ 374.70	\$ (3.68)	-0.97%

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	43,800	kWh
Demand	100	kW
Current Loss Factor	1.0393	
Proposed/Approved Loss Factor	1.0393	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 73.61	1	\$ 73.61	\$ 74.71	1	\$ 74.71	\$ 1.10	1.49%
Distribution Volumetric Rate	\$ 3.5239	100	\$ 352.39	\$ 3.5768	100	\$ 357.68	\$ 5.29	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	100	\$ -	\$ 0.0620	100	\$ 6.20	\$ 6.20	
<b>Sub-Total A (excluding pass through)</b>			\$ 426.00			\$ 438.59	\$ 12.59	2.96%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 3.1631	100	\$ 316.31	\$ 3.2784	100	\$ (327.84)	\$ (644.15)	-203.65%
GA Rate Riders				\$ 0.0161	43,800	\$ 705.18	\$ 705.18	
Low Voltage Service Charge	\$ -	100	\$ -		100	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 742.31			\$ 815.93	\$ 73.62	9.92%
RTSR - Network	\$ 2.9466	100	\$ 294.66	\$ 2.8458	100	\$ 284.58	\$ (10.08)	-3.42%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2076	100	\$ 220.76	\$ 2.2452	100	\$ 224.52	\$ 3.76	1.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1,257.73			\$ 1,325.03	\$ 67.30	5.35%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	45,521	\$ 163.88	\$ 0.0036	45,521	\$ 163.88	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	45,521	\$ 59.18	\$ 0.0013	45,521	\$ 59.18	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	43,800	\$ 306.60	\$ 0.0070	43,800	\$ 306.60	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	45,521	\$ 50.07	\$ 0.0011	45,521	\$ 50.07	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	45,521	\$ 5,143.91	\$ 0.1130	45,521	\$ 5,143.91	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 6,981.37			\$ 7,048.67	\$ 67.30	0.96%
HST	13%		\$ 907.58	13%		\$ 916.33	\$ 8.75	0.96%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 7,888.95			\$ 7,965.00	\$ 76.05	0.96%



Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	730	kWh	
Demand	1	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.76	1	\$ 4.76	\$ 4.83	1	\$ 4.83	\$ 0.07	1.47%
Distribution Volumetric Rate	\$ 5.7628	1	\$ 5.76	\$ 5.8492	1	\$ 5.85	\$ 0.09	1.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.1141	1	\$ (0.11)	\$ (0.11)	
<b>Sub-Total A (excluding pass through)</b>			\$ 10.52			\$ 10.57	\$ 0.04	0.40%
Line Losses on Cost of Power	\$ 0.1114	29	\$ 3.20	\$ 0.1114	29	\$ 3.20	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 1.2947	1	\$ (1.29)	-\$ 3.2831	1	\$ (3.28)	\$ (1.99)	153.58%
GA Rate Riders				\$ -	730	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 12.42			\$ 10.48	\$ (1.95)	-15.66%
RTSR - Network	\$ 1.8521	1	\$ 1.85	\$ 1.7887	1	\$ 1.79	\$ (0.06)	-3.42%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.3867	1	\$ 1.39	\$ 1.4103	1	\$ 1.41	\$ 0.02	1.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 15.66			\$ 13.68	\$ (1.99)	-12.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	759	\$ 2.73	\$ 0.0036	759	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	759	\$ 0.99	\$ 0.0013	759	\$ 0.99	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	730	\$ 5.11	\$ 0.0070	730	\$ 5.11	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	759	\$ 0.83	\$ 0.0011	759	\$ 0.83	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	475	\$ 41.28	\$ 0.0870	475	\$ 41.28	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	124	\$ 16.38	\$ 0.1320	124	\$ 16.38	\$ -	0.00%
TOU - On Peak	\$ 0.1800	131	\$ 23.65	\$ 0.1800	131	\$ 23.65	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 106.89			\$ 104.90	\$ (1.99)	-1.86%
HST	13%		\$ 13.90	13%		\$ 13.64	\$ (0.26)	-1.86%
<b>Total Bill on TOU</b>			\$ 120.79			\$ 118.54	\$ (2.24)	-1.86%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Other)		
Consumption	730	kWh	
Demand	1	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.64	1	\$ 3.64	\$ 3.69	1	\$ 3.69	\$ 0.05	1.37%
Distribution Volumetric Rate	\$ 0.0355	1	\$ 0.04	\$ 0.0360	1	\$ 0.04	\$ 0.00	1.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ 0.0005	1	\$ (0.00)	\$ (0.00)	
<b>Sub-Total A (excluding pass through)</b>			\$ 3.68			\$ 3.73	\$ 0.05	1.36%
Line Losses on Cost of Power	\$ 0.1130	29	\$ 3.24	\$ 0.1130	29	\$ 3.24	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 2.7054	1	\$ 2.71	\$ 3.0770	1	\$ (3.08)	\$ (5.78)	-213.74%
GA Rate Riders				\$ 0.0161	730	\$ 11.75	\$ 11.75	
Low Voltage Service Charge	\$ -	1	\$ -		1	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 9.62			\$ 15.64	\$ 6.02	62.57%
RTSR - Network	\$ 2.2722	1	\$ 2.27	\$ 2.1944	1	\$ 2.19	\$ (0.08)	-3.42%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.7021	1	\$ 1.70	\$ 1.7311	1	\$ 1.73	\$ 0.03	1.70%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 13.60			\$ 19.57	\$ 5.97	43.92%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	759	\$ 2.73	\$ 0.0036	759	\$ 2.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	759	\$ 0.99	\$ 0.0013	759	\$ 0.99	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	730	\$ 5.11	\$ 0.0070	730	\$ 5.11	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	759	\$ 0.83	\$ 0.0011	759	\$ 0.83	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	730	\$ 82.49	\$ 0.1130	730	\$ 82.49	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 105.75			\$ 111.72	\$ 5.97	5.65%
HST	13%		\$ 13.75	13%		\$ 14.52	\$ 0.78	5.65%
<b>Total Bill on Average IESO Wholesale Market Price</b>			\$ 119.50			\$ 126.24	\$ 6.75	5.65%

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>		
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	750	\$ 9.60	\$ 0.0086	750	\$ 6.45	\$ (3.15)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	
<b>Sub-Total A (excluding pass through)</b>			\$ 27.28			\$ 27.50	\$ 0.22	0.79%
Line Losses on Cost of Power	\$ 0.1130	29	\$ 3.33	\$ 0.1130	29	\$ 3.33	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0075	750	\$ 5.63	\$ 0.0085	750	\$ (6.38)	\$ (12.00)	-213.33%
GA Rate Riders				\$ 0.0161	750	\$ 12.08	\$ 12.08	
Low Voltage Service Charge	\$ -	750	\$ -		750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 37.03			\$ 37.32	\$ 0.29	0.78%
RTSR - Network	\$ 0.0074	779	\$ 5.77	\$ 0.0071	779	\$ 5.53	\$ (0.23)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	779	\$ 4.52	\$ 0.0059	779	\$ 4.60	\$ 0.08	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 47.31			\$ 47.45	\$ 0.13	0.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	779	\$ 2.81	\$ 0.0036	779	\$ 2.81	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	779	\$ 1.01	\$ 0.0013	779	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	779	\$ 0.86	\$ 0.0011	779	\$ 0.86	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 136.74			\$ 136.88	\$ 0.13	0.10%
HST	13%		\$ 17.78	13%		\$ 17.79	\$ 0.02	0.10%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 154.52			\$ 154.67	\$ 0.15	0.10%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	316	kWh	
Demand	-	kW	
Current Loss Factor	1.0393		
Proposed/Approved Loss Factor	1.0393		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	316	\$ 4.04	\$ 0.0086	316	\$ 2.72	\$ (1.33)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	316	\$ -	\$ 0.0003	316	\$ 0.09	\$ 0.09	
<b>Sub-Total A (excluding pass through)</b>			\$ 21.72			\$ 23.63	\$ 1.91	8.78%
Line Losses on Cost of Power	\$ 0.1114	12	\$ 1.38	\$ 0.1114	12	\$ 1.38	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0037	316	\$ (1.17)	-\$ 0.0085	316	\$ (2.69)	\$ (1.52)	129.73%
GA Rate Riders				\$ -	316	\$ -	\$ -	
Low Voltage Service Charge	\$ -	316	\$ -		316	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 22.73			\$ 23.12	\$ 0.39	1.72%
RTSR - Network	\$ 0.0074	328	\$ 2.43	\$ 0.0071	328	\$ 2.33	\$ (0.10)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	328	\$ 1.90	\$ 0.0059	328	\$ 1.94	\$ 0.03	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 27.06			\$ 27.39	\$ 0.33	1.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	328	\$ 1.18	\$ 0.0036	328	\$ 1.18	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	328	\$ 0.43	\$ 0.0013	328	\$ 0.43	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	328	\$ 0.36	\$ 0.0011	328	\$ 0.36	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	205	\$ 17.87	\$ 0.0870	205	\$ 17.87	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	54	\$ 7.09	\$ 0.1320	54	\$ 7.09	\$ -	0.00%
TOU - On Peak	\$ 0.1800	57	\$ 10.24	\$ 0.1800	57	\$ 10.24	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 64.48			\$ 64.81	\$ 0.33	0.50%
HST	13%		\$ 8.38	13%		\$ 8.43	\$ 0.04	0.50%
<b>Total Bill on TOU</b>			\$ 72.87			\$ 73.23	\$ 0.37	0.50%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Retailer)
Consumption	316 kWh
Demand	- kW
Current Loss Factor	1.0393
Proposed/Approved Loss Factor	1.0393

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.31	1	\$ 17.31	\$ 20.45	1	\$ 20.45	\$ 3.14	18.14%
Distribution Volumetric Rate	\$ 0.0128	316	\$ 4.04	\$ 0.0086	316	\$ 2.72	\$ (1.33)	-32.81%
Fixed Rate Riders	\$ 0.37	1	\$ 0.37	\$ 0.37	1	\$ 0.37	\$ -	0.00%
Volumetric Rate Riders	\$ -	316	\$ -	\$ 0.0003	316	\$ 0.09	\$ 0.09	
<b>Sub-Total A (excluding pass through)</b>			\$ 21.72			\$ 23.63	\$ 1.91	8.78%
Line Losses on Cost of Power	\$ 0.1130	12	\$ 1.40	\$ 0.1130	12	\$ 1.40	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0075	316	\$ 2.37	\$ 0.0085	316	\$ (2.69)	\$ (5.06)	-213.33%
GA Rate Riders				\$ 0.0161	316	\$ 5.09	\$ 5.09	
Low Voltage Service Charge	\$ -	316	\$ -		316	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 26.29			\$ 28.23	\$ 1.94	7.38%
RTSR - Network	\$ 0.0074	328	\$ 2.43	\$ 0.0071	328	\$ 2.33	\$ (0.10)	-4.05%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	328	\$ 1.90	\$ 0.0059	328	\$ 1.94	\$ 0.03	1.72%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 30.62			\$ 32.50	\$ 1.87	6.12%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	328	\$ 1.18	\$ 0.0036	328	\$ 1.18	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	328	\$ 0.43	\$ 0.0013	328	\$ 0.43	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	328	\$ 0.36	\$ 0.0011	328	\$ 0.36	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	316	\$ 35.71	\$ 0.1130	316	\$ 35.71	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 68.30			\$ 70.18	\$ 1.87	2.74%
HST	13%		\$ 8.88	13%		\$ 9.12	\$ 0.24	2.74%
<b>Total Bill on Non-RPP Avg. Price</b>			\$ 77.18			\$ 79.30	\$ 2.12	2.74%