

# **EXHIBIT 8**

## **RATE DESIGN**

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## RATE DESIGN OVERVIEW

This Exhibit documents and explains OPUCN's proposed rate design and the resulting rate calculations for the year 2021.

OPUCN has determined its total service revenue requirement for 2021 that is the subject of this Application. The annual service revenue requirement is derived from OPUCN's capital and operating forecasts, weather normalized usage, forecasted customer and connection counts, regulated return on rate base, and PILs liability for each separate year. The annual service revenue requirement is summarized below in Table 8-1.

**TABLE 8-1 - SERVICE REVENUE REQUIREMENT**

	2021
OM&A Expenses	\$ 14,294,020
Amortization/Depreciation	\$ 6,216,998
Return on Capital	\$ 8,139,045
<b>Service Revenue Requirement (before Revenues)</b>	<b>\$ 28,650,063</b>
Less: Revenue Offsets	\$ 1,299,981
<b>Base Revenue Requirement</b>	<b>\$ 27,350,082</b>

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

**TABLE 8-2 – RATE CLASS BASE REVENUE REQUIREMENT**

Customer Class	2021 Proposed Base Revenue Requirement
Residential	\$ 17,831,360
GS Less Than 50 KW	\$ 3,344,006
GS 50 To 999 KW	\$ 4,700,655
GS Intermediate 1,000 To 4,999 KW	\$ 586,444
Large Use	\$ 273,766
Street Lighting	\$ 538,579
Sentinel Lighting	\$ 2,273
Unmetered Scattered Load	\$ 72,999
<b>Total</b>	<b>\$ 27,350,082</b>

## **FIXED/VARIABLE PROPORTION**

### **Rate Design Policy Consultation**

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

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

OPUCN completed the transition to the fixed monthly service charge for residential customers in its 2020 IRM rate application (EB-2019-0062) and did not require any rate mitigation action.

On February 21, 2019, the Board released its “Staff Report to the Board: Rate Design for Commercial and Industrial Electricity Customers; Rates to Support an Evolving Energy Sector” (EB-2015-0043) which outlined a series of recommendations for the design of electricity distribution rates for commercial and industry customers. On March 7, 2019, the Board hosted a webinar on the topic to provide customers and stakeholders an opportunity to ask staff clarifying questions to help in developing their comments. On May 9, 2019, the Board posted all stakeholder comment related the Board’s February 21, 2019 report. There have been no further releases pertaining to this issue from the Board at the time of filing this Application.

### **Current Fixed/Variable Portion**

The current fixed/variable split in distribution revenue was approved in OPUCN’s CoS Application (EB-2017-0069) and was calculated based on forecasted customer and connection counts, consumption, and approved rates.

Currently, the monthly fixed charges are applied to the forecast of customers and connections to determine the fixed component of total distribution revenue. Next, the volumetric charge, excluding the transformer allowance, is applied to the forecasted volumetric billing determinants to determine the variable component of total distribution revenue. OPUCN calculated the current fixed/variable proportions by applying the existing approved distribution rates to the 2021 Test Year load forecast. OPUCN notes the volumetric rates used to calculate these figures exclude any rate riders. OPUCN confirms that the monthly fixed charges are in two decimal places and variable charges are in four decimal places. The table below outlines the current split between fixed and variable distribution revenue.

**TABLE 8-3 – CURRENT FIXED/VARIABLE PROPORTIONS**

Rate Class	2021 Fixed Base Revenue with 2020 Approved Rates	2021 Variable Base Revenue with 2020 Approved Rates (excl Transformer Allowance)	2021 Total Revenue with 2020 Approved Rates (excl Transformer Allowance)	Fixed Revenue Proportion	Variable Revenue Proportion
Residential	\$ 16,634,415	\$ -	\$ 16,634,415	100.00%	0.00%
GS Less Than 50 KW	\$ 890,884	\$ 2,278,100	\$ 3,168,984	28.11%	71.89%
GS 50 To 999 KW	\$ 375,296	\$ 4,128,389	\$ 4,503,684	8.42%	91.58%
GS Intermediate 1,000 To 4,999 KW	\$ 187,864	\$ 476,857	\$ 664,721	33.80%	66.20%
Large Use	\$ 112,118	\$ 194,443	\$ 306,560	43.22%	56.78%
Street Lighting	\$ 364,389	\$ 412,707	\$ 777,096	46.89%	53.11%
Sentinel Lighting	\$ 1,539	\$ 677	\$ 2,216	69.45%	30.55%
Unmetered Scattered Load	\$ 15,954	\$ 50,127	\$ 66,082	24.14%	75.86%
<b>Total</b>	<b>\$ 18,582,460</b>	<b>\$ 7,541,299</b>	<b>\$ 26,123,759</b>	<b>71.13%</b>	<b>28.87%</b>

### Proposed Fixed Charge

Consistent with recent Board decisions, OPUCN proposes to maintain the fixed/variable proportions assumed in the current rates in order to design the proposed monthly service charge for all rate classes.

The fixed distribution charge is calculated by dividing the fixed distribution portion of the base revenue requirement by the appropriate year's customers, devices, or connections, as the class charge determinant. Table 8-4 below provides the calculation of the proposed fixed distribution charges.

The supporting discussion on the inputs used to determine the proposed fixed charges

below can be found as follows:

- Base Revenue Requirement: Exhibit 6
- Annualized Customers, Connections, and Devices: Exhibit 3
- Annualized kWh and KW: Exhibit 3

**TABLE 8-4: 2021 PROPOSED FIXED DISTRIBUTION CHARGE CALCULATION**

Rate Class	Base Revenue Requirement	Fixed Revenue Proportion	Fixed Revenue Amount	2021 Annualized Customers/Connections	Proposed Fixed Distribution Rates
	A	B	C=A*B	D	E=C/D
Residential	\$ 17,831,360	100.00%	\$ 17,831,360	674,277	\$ 26.45
GS Less Than 50 KW	\$ 3,344,006	28.11%	\$ 940,000	51,230	\$ 18.35
GS 50 To 999 KW	\$ 4,700,655	8.42%	\$ 395,795	6,423	\$ 61.62
GS Intermediate 1,000 To 4,999 KW	\$ 586,444	33.80%	\$ 198,218	153	\$ 1,295.54
Large Use	\$ 273,766	43.22%	\$ 118,322	12	\$ 9,860.14
Street Lighting	\$ 538,579	46.89%	\$ 252,540	172,696	\$ 1.46
Sentinel Lighting	\$ 2,273	69.45%	\$ 1,578	262	\$ 6.03
Unmetered Scattered Load	\$ 72,999	24.14%	\$ 17,622	3,276	\$ 5.38
Total	\$ 27,350,082		\$ 19,755,435		

Table 8-5 below compares the proposed Fixed Charge to the floor and ceiling determined in the Cost Allocation study. The proposed fixed charge for the: GS Intermediate 1,000 > 4,999 kW, and Large Use classes are above the ceiling as calculated in the cost allocation study. OPUCN is proposing to proceed with these proposed charges as they are in line with the fixed/variable splits approved in the last Cost of Service Application (EB-2017-0069). Decreasing the monthly fixed charge to this level will increase the variable portion of OPUCN's revenues which would create a large impact on customers with higher consumption/demand levels, as well as alter OPUCN's risk profile resulting from consumption variability.

**TABLE 8-5: FIXED CHARGE COMPARED TO FLOOR AND CEILING FROM COST ALLOCATION STUDY**

	2020	2021	2021	2021
	Existing Rates	Floor per CA Model	Ceiling per CA Model	Proposed
Residential	\$24.67	\$8.94	\$16.03	\$26.45
GS Less Than 50 KW	\$17.39	\$17.62	\$24.05	\$18.35
GS 50 To 999 KW	\$58.43	\$66.16	\$76.57	\$61.62
GS Intermediate 1,000 To 4,999 KW	\$1,227.87	\$96.74	\$101.93	\$1,295.54
Large Use	\$9,343.15	\$470.22	\$479.34	\$9,860.14
Street Lighting	\$2.11	\$0.00	\$2.52	\$1.46
Sentinel Lighting	\$5.88	\$0.48	\$7.59	\$6.03
Unmetered Scattered Load	\$4.87	\$4.70	\$10.22	\$5.38

OPUCN's current and proposed fixed monthly charge is low compared to neighbouring LDCs as documented in Table 8-6.

**TABLE 8-6 – RATE COMPARISON**

Customer Class	OPUCN Current 2020 Rates effective Jan 1	OPUCN Proposed 2021 Rates	Elxicon Energy (Veridian Rate Zone) 2020 Rates effective May 1	Elxicon Energy (Whitby Rate Zone) 2020 Rates effective Jan 1	Peterborough 2019 Rates effective May 1
Residential	24.67	26.44	27.07	32.02	22.62
GS Less Than 50 KW	17.39	18.35	17.54	26.91	31.36

### Proposed Volumetric Charges

The variable distribution charge is calculated by dividing the variable distribution portion of the base revenue requirement plus the transformer allowance amount by the appropriate year's usage, kWh or kW, as the class charge determinant.

Tables 8-7 below provides the calculation of the proposed variable distribution charges for the year 2021.



**TABLE 8-7 2021 VARIABLE DISTRIBUTION CHARGE CALCULATION**

Rate Class	Proposed Fixed Rate	2021 Annualized Customers/ Connections	Total Fixed Revenue	Base Revenue Requirement	Total Variable Revenue	Transformer Allowance	2021 Annualized kWh/kW	Unit of Measure	Proposed Variable Distribution Rates
	A	B	C=A*B	D	E=D-C	F	G		H=(E+F)/G
Residential	\$ 26.45	674,277	\$ 17,834,628	\$ 17,831,360	\$ -		496,495,068	Customer	\$ -
GS Less Than 50 KW	\$ 18.35	51,230	\$ 940,065	\$ 3,344,006	\$ 2,403,941		128,706,195	kWh	\$ 0.0187
GS 50 To 999 KW	\$ 61.62	6,423	\$ 395,785	\$ 4,700,655	\$ 4,304,870	\$ 49,056	825,711	kW	\$ 5.2729
GS Intermediate 1,000 To 4,999 KW	\$ 1,295.54	153	\$ 198,218	\$ 586,444	\$ 388,227	\$ 108,971	182,480	kW	\$ 2.7247
Large Use	\$ 9,860.14	12	\$ 118,322	\$ 273,766	\$ 155,444	\$ 47,123	86,319	kW	\$ 2.3467
Street Lighting	\$ 1.46	172,696	\$ 252,137	\$ 538,579	\$ 286,442		12,698	kW	\$ 22.5584
Sentinel Lighting	\$ 6.03	262	\$ 1,578	\$ 2,273	\$ 695		81	kW	\$ 8.6243
Unmetered Scattered Load	\$ 5.38	3,276	\$ 17,625	\$ 72,999	\$ 55,373		2,506,367	kWh	\$ 0.0221
Total			\$ 19,758,358	\$ 27,350,082	\$ 7,594,992				

### Transformer Ownership Allowance

Currently, OPUCN provides a Transformer Ownership Allowance to those customers that own their transformation facilities. OPUCN provides electricity at a utilization voltage with the cost of such transformation captured in and recovered through the distribution rates. Therefore, when a customer provides its own step down transformation from primary voltage to secondary voltage, it should receive a credit of those costs already included in its distribution rates. OPUCN proposes to maintain the current Board-approved Transformer Ownership Allowance of \$0.60 per kW.

### Proposed Distribution Rates

Table 8-8 below presents OPUCN's proposed 2021 Distribution rates by rate class, including adjustments for the recovery of transformer ownership allowance.

**TABLE 8-8: 2021 PROPOSED DISTRIBUTION CHARGES**

Rate Class	Proposed Monthly Service Charge	Unit	Proposed Distribution Volumetric Charge (Including Transformer Allowance)
Residential	\$26.45	Customer	\$0.0000
GS Less Than 50 KW	\$18.35	kWh	\$0.0187
GS 50 To 999 KW	\$61.62	kW	\$5.2729
GS Intermediate 1,000 To 4,999 KW	\$1,295.54	kW	\$2.7247
Large Use	\$9,860.14	kW	\$2.3467
Street Lighting	\$1.46	kW	\$22.5584
Sentinel Lighting	\$6.03	kW	\$8.6243
Unmetered Scattered Load	\$5.38	kWh	\$0.0221
Transformer Allowance			(\$0.60)

## RETAIL TRANSMISSION SERVICE RATES

On June 28, 2012, the Board issued Revision 4.0 to Guideline G-2008-001: *Electricity Distribution Retail Transmission Service Rates, October 22, 2008*, which provided electricity distributors with instructions on the evidence needed, and the process to be used to adjust Retail Transmission Service Rates (“RTSR”) to incorporate changes to the Ontario Uniform Transmission Rates (“UTRs”). The Board also provided an RSTR Work Form to assist distributors in calculating their respective class specific RTSRs. OPUCN has completed a preliminary version of the RTSR Work Form using all information that is available to date and proposes to update the RTSR Work Form at such time as the 2021 UTR Rates are available. A copy of the RTSR Work Form is provided as Appendix 8-1.

### Current Retail Transmission Service Rates (“RTSRs”)

The Decision of the Board on OPUCN’s 2020 IRM Rate Application (EB-2019-0062) set new rates for Network Service, Line and Transformation Connection for OPUCN. These new rates were a result of the Revenue Requirement and Charge Determinant Order from Hydro One Networks Inc. OPUCN’s current Retail Transmission Service Rates effective January 1, 2020 are provided in Table 8-9 below.

**TABLE 8-9 OPUCN’S CURRENT RETAIL TRANSMISSION SERVICE RATES**

Rate Class	Network Service Rate	Line and Transformation Connection Rate
Residential	\$0.0073	\$0.0066
GS Less Than 50 KW	\$0.0068	\$0.0061
GS 50 To 999 KW	\$2.4777	\$2.1429
GS 50 To 999 KW - Interval Metered	\$3.1758	\$2.7221
GS Intermediate 1,000 To 4,999 KW	\$3.1758	\$2.7221
Large Use	\$3.3839	\$2.9701
Street Lighting	\$1.6801	\$2.4729
Sentinel Lighting	\$1.7090	\$2.5155
Unmetered Scattered Load	\$0.0068	\$0.0061

### Proposed Retail Transmission Service Rates

OPUCN is proposing to update the Network Service and Transformation Connection

Rates on an annual basis based on Board Approved adjustments to the UTRs as discussed in Exhibit 1. Table 8-10 below summarized the proposed RTSR's effective January 1, 2021.

**TABLE 8-10 OPUCN'S PROPOSED RETAIL TRANSMISSION SERVICE RATES**

Rate Class	Proposed Network Service Rate	Proposed Line and Transformation Connection Rate
Residential	\$0.0075	\$0.0067
GS Less Than 50 KW	\$0.0070	\$0.0062
GS 50 To 999 KW	\$2.5363	\$2.1694
GS 50 To 999 KW - Interval Metered	\$3.2508	\$2.7558
GS Intermediate 1,000 To 4,999 KW	\$3.2508	\$2.7558
Large Use	\$3.4638	\$3.0069
Street Lighting	\$1.7198	\$2.5035
Sentinel Lighting	\$1.7494	\$2.5466
Unmetered Scattered Load	\$0.0070	\$0.0062

## RETAIL SERVICE CHARGES

Retail services refer to services provided by a distributor to retailers or customers for their supply and related settlement of electricity through the distributor as set out in the Retail Settlement Code ("RSC").

The Board established variance accounts (1518 Retail Cost Variance Retail, and 1548 Retail Cost Variance STR) to record the difference between charges rendered to retailers, and the direct incremental costs for the provision of retail services. OPUCN is not using any Retail Service Costs Variance Accounts.

Table 8-11 below identifies OPUCN's Retail Service Charges. OPUCN is not proposing any changes to the current retail rates and charges.

**TABLE 8-11: RETAIL SERVICE CHARGES**

Retail Service Charges		
Description	Unit	Rate
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly fixed charge, per retailer	\$	40.80
Monthly variable charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
<b>Service Transaction Requests (STR)</b>		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customer, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting part UP to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

### **REGULATORY CHARGES**

#### **Wholesale Market Service Charge ("WMSC") and Rate for Rural and Remote Protection ("RRRP")**

The Wholesale Market Service Rate is designed to allow distributors to recover costs charged by the Independent Electricity System Operator ("IESO") for the operation of the IESO administered markets and the operation of the IESO-controlled grid.

On December 17, 2019 the Board issued a Decision and Order (EB-2019-0278) establishing that the WMSC used by rate-regulated distributors to bill their customers shall be \$0.0030 per kWh, effective January 1, 2020. For Class B customers a CBR component of \$0.0004 per kWh shall be added to the WMSC for a total of \$0.0034 per kilowatt-hour. For Class A customers, distributors shall bill the actual CBR costs to Class A customers in proportion to their contribution to peak.

1 With respect to the RRRP, the Board determined that effective January 1, 2020, the  
2 IESO's RRRP rate charged to distributors shall continue to be \$0.0005 per kWh for  
3 electricity consumed on or after January 1, 2020. This unit rate shall apply to a  
4 customer's metered energy consumption adjusted by the distributor's OEB-approved  
5 Total Loss Factor.

6 OPUCN is not seeking to adjust the WMSC from the current rate of 0.34 cents per kWh  
7 or the RRRP current rate of 0.0005 cents per kWh otherwise directed by the Board.

### 8 **Standard Supply Service – Administrative Charge**

9 OPUCN proposes to continue to utilize the previously approved \$0.25/customer rate  
10 unless otherwise directed by the Board.

## 11 12 **SPECIFIC SERVICE CHARGES**

13 OPUCN is not seeking any changes to the current Board Approved Specific Services  
14 Charges.

### 15 **Wireline Pole Attachment Charge**

16 Pursuant to Section 2.8.6 of the Filing Requirements, OPUCN is applying for the  
17 province-wide wireline pole attachment charge of \$45.17 (after inflation factor of 1.5%)  
18 per pole per year for each user. OPUCN understands that the pole attachment charge  
19 will be adjusted annually based on the OEB's inflation factor commencing on January  
20 1, 2020. OPUCN has recorded the excess incremental revenues from the increased  
21 pole attachment charge into a new variance account, Account 1508 – Sub Account –  
22 Pole Attachment Revenue Variance.

### 23 **MicroFIT**

24 On February 24, 2020, the Board issued a Letter establishing an update to the microFIT  
25 charge from \$5.40 per month to \$4.55 per month. OPUCN proposes to utilize the  
26 approved \$4.55 per month charge starting January 1, 2021.

### 27 **Conditions of Service**

OPUCN does not have any rates and charges in its Conditions of Service that do not appear on its Tariff sheet.

#### **LOW VOLTAGE SERVICE RATES**

OPUCN does not have nor incur any Low Voltage Charges.

#### **SMART METERING ENTITY CHARGE**

On March 1, 2018, the OEB issued its Decision and Order regarding the Independent Electricity System Operator / Smart Metering Entity - Smart Metering Charge 2018-2022 (EB-2017-0290). This decision approved the smart metering charge (SMC) to be levied and collected by the Independent Electricity System Operator in its capacity as the Smart Metering Entity (SME), effective January 1, 2018. The new SMC is \$0.57 per smart meter per month, a reduction from the previous SMC of \$0.79 per smart meter per month.

Accordingly, OPUCN proposes to continue to utilize the previously approved \$0.57/month/customer rate unless otherwise directed by the Board.

#### **LOSS ADJUSTMENT FACTORS**

OPUCN is not an embedded distributor, nor has OPUCN been required to complete any loss studies as a result of previous decisions.

##### **Distribution Losses**

Table 8-12 below shows the calculation of the Total Loss Factor using a five year average based on Appendix 2-R in the Board's Filing Requirements. OPUCN is proposing a Supply Facility Loss Factor based on the average of five years of historical data, consistent with the approved approach from the 2015 Cost of Service Application (EB-2014-0101).



OPUCN does not have any distribution losses greater than 5% over the five historical years and was not previously directed by the Board to undertake any loss studies.

**TABLE 8-12 – CHAPTER 2 FILING REQUIREMENT - APPENDIX 2-R- LOSS FACTORS**

		Historical Years					5-Year Average
		2015	2016	2017	2018	2019	
Losses Within Distributor's System							
A(1)	"Wholesale" kWh delivered to distributor (higher value)	1,123,341,032	1,122,297,700	1,074,174,685	1,124,625,518	1,095,245,453	1,107,936,877
A(2)	"Wholesale" kWh delivered to distributor (lower value)	1,118,817,791	1,117,783,416	1,069,852,333	1,120,102,135	1,090,839,192	1,103,478,974
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	39,267,728	42,298,615	41,364,189	41,852,628	42,368,466	41,430,325
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	1,079,550,063	1,075,484,801	1,028,488,143	1,078,249,507	1,048,470,727	1,062,048,648
D	"Retail" kWh delivered by distributor	1,070,779,248	1,082,034,739	1,038,848,724	1,075,414,784	1,048,925,886	1,063,200,676
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	38,878,939	41,879,817	40,954,643	41,438,246	41,948,976	41,020,124
F	Net "Retail" kWh delivered by distributor = D - E	1,031,900,309	1,040,154,922	997,894,081	1,033,976,538	1,006,976,910	1,022,180,552
G	Loss Factor in Distributor's system = C / F	1.0462	1.0340	1.0307	1.0428	1.0412	1.0390
Losses Upstream of Distributor's System							
H	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
Total Losses							
I	Total Loss Factor = G x H	1.0509	1.0386	1.0353	1.0475	1.0459	1.0437

**TABLE 8-13 – PROPOSED LOSS FACTOR SUMMARY**

Total Utility Loss Adjustment Factor	LAF
Supply Facility Loss Factor	1.0045
Distribution Loss Factor	1.0390
Distribution Loss Factor - Secondary Metered Customers < 5,000kW	1.0390
Distribution Loss Factor - Secondary Metered Customers > 5,000kW	1.0100
Distribution Loss Factor - Primary Metered Customers < 5,000kW	1.0000
Distribution Loss Factor - Primary Metered Customers > 5,000kW	1.0000
<b>Total Loss Factor</b>	
Total Loss Factor - Secondary Metered Customers < 5,000kW	1.0437
Total Loss Factor - Secondary Metered Customers > 5,000kW	1.0145
Total Loss Factor - Primary Metered Customers < 5,000kW	1.0390
Total Loss Factor - Primary Metered Customers > 5,000kW	1.0045

## TARIFF OF RATES AND CHARGES

### Existing Rate Classes

#### Residential

This classification refers to the supply of electrical energy to residential customers

residing in detached, semi-detached, townhouse (freehold or condominium) dwelling units, duplexes or triplexes. Basic connection is defined as 100 amp 12/240 volt overhead service.

General Service Less than 50 kW

This classification refers to a non-residential account taking electricity at 750 volts or less whose monthly peak demand is less than or expected to be less than 50 kW.

General Service 50 to 999 kW

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,000 kW.

General Service Greater than 1,000 to 4,999 kW

This classification applies to a non-residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 1,000 kW but less than 5,000 kW.

Large Use Service

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW.

Unmetered Scattered Load

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption.

Sentinel Lighting Service



1 This classification refers to accounts that are an unmetered lighting load supplied to a  
2 sentinel light.

### 3 Street Lighting Service

4 This classification refers to accounts concerning roadway lighting for a Municipality,  
5 Regional Municipality, and/or Ministry of Transportation. This lighting will be controlled  
6 by photo cells. The consumption for these customers will be based on the calculated  
7 connected load times as established in the approved OEB Street Lighting Load Shape  
8 Template.

### 9 microFIT Generator Service

10 This classification applies to an electricity generation facility contracted under the  
11 Ontario Power Authority's microFIT program and connected to the distributor's  
12 distribution system.

## 13 **Existing and Proposed Rate Schedule**

14 The current Tariff of Rates and Charges is reflective of the current Board Approved  
15 2020 IRM Rate Order issued on December 12, 2019 in EB-2019-0062 and is included  
16 in Appendix 8-3 of this Exhibit. OPUCN is proposing 2021 Tariff of Rate and Charges  
17 consistent with the current definition of rate classes and the current terms and  
18 Conditions of Service that have been maintained in this Application. OPUCN has  
19 included its 2021 proposed Tariff sheet in Appendix 8-4 of this Exhibit and filed a live  
20 excel model of the Board's "Tariff Schedule & Bill Impacts Model".

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

## 24 **REVENUE RECONCILIATION**

### 25 **Overview of Revenue Reconciliation**

- 1 A reconciliation of OPUCN's Rate Class revenue for the 2021 Test Year is provided
- 2 below. The Board's Revenue Requirement Work Form, Sheet 13, has been completed
- 3 for the Test Year.

1 Table 8-14 summarises the distribution revenue billable for the current year using the prior year rates.

2 **TABLE 8-14: 2021 DISTRIBUTION REVENUES AT 2020 RATES**

Class	Annual kWh	Annual kW For Dx	Annualized Customers	Annualized Connections	Monthly Fixed Charge Previous Year	Volumetric Charge Previous Year	Fixed Distribution Revenue	Variable Distribution Revenue	Dist. Rev. Including Transformer	Transformer Allowance	Dist. Rev. Excluding Transformer	At Existing Rates %
Residential	496,495,068		674,277		24.67	0.0000	16,634,415	0	16,634,415		16,634,415	64.18%
GS Less Than 50 KW	128,706,195		51,230		17.39	0.0177	890,884	2,278,100	3,168,984		3,168,984	12.23%
GS 50 To 999 KW	328,035,469	825,711	6,423		58.43	4.9998	375,296	4,128,389	4,503,684	49,056	4,454,629	17.19%
GS Intermediate 1,000 To 4,999 KW	76,465,711	182,480	153		1,227.87	2.6132	187,864	476,857	664,721	108,971	555,750	2.14%
Large Use	38,878,939	86,319	12		9,343.15	2.2526	112,118	194,443	306,560	47,123	259,438	1.00%
Street Lighting	4,555,628	12,698		172,696	2.11	32.5022	364,389	412,707	777,096		777,096	3.00%
Sentinel Lighting	24,360	81		262	5.88	8.4045	1,539	677	2,216		2,216	0.01%
Unmetered Scattered Load	2,506,367			3,276	4.87	0.0200	15,954	50,127	66,082		66,082	0.25%
	<b>1,075,667,737</b>	<b>1,107,288</b>	<b>732,095</b>	<b>176,234</b>			<b>18,582,460</b>	<b>7,541,299</b>	<b>26,123,759</b>	<b>205,149</b>	<b>25,918,610</b>	<b>100%</b>

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1 Table 8-15 summarises the revenue deficiency for the current year using the prior year rates.

2 **TABLE 8-15: 2021 DISTRIBUTION REVENUES AND DEFICIENCY ANALYSIS**

Customer Class	Annual kWh	Annual kW For Dx	Annual kW For Tx	Annualized Customers	Annualized Connections	Fixed Distribution Revenue	Variable Distribution Revenue	Dist. Rev. Before TX Allow.
Residential	496,495,068			674,277		\$16,634,415	\$0	\$16,634,415
GS Less Than 50 KW	128,706,195			51,230		\$890,884	\$2,278,100	\$3,168,984
GS 50 To 999 KW	328,035,469	825,711	81,760	6,423		\$375,296	\$4,128,389	\$4,503,684
GS Intermediate 1,000 To 4,999 KW	76,465,711	182,480	181,618	153		\$187,864	\$476,857	\$664,721
Large Use	38,878,939	86,319	78,538	12		\$112,118	\$194,443	\$306,560
Street Lighting	4,555,628	12,698			172,696	\$364,389	\$412,707	\$777,096
Sentinel Lighting	24,360	81			262	\$1,539	\$677	\$2,216
Unmetered Scattered Load	2,506,367				3,276	\$15,954	\$50,127	\$66,082
<b>Total</b>	<b>1,075,667,737</b>	<b>1,107,288</b>	<b>341,916</b>	<b>732,095</b>	<b>176,234</b>	<b>\$18,582,460.07</b>	<b>\$7,541,298.85</b>	<b>\$26,123,758.92</b>

**Less Transformer Allowances:**

GS 50 To 999 KW	(\$49,056)
GS Intermediate 1,000 To 4,999 KW	(\$108,971)
Large Use	(\$47,123)
Street Lighting	\$0

<b>Net Revenue At Existing Rates</b>	<b>\$ 25,918,610</b>
Budgeted Revenue Offsets	\$ 1,299,981
<b>Total Revenue</b>	<b>\$ 27,218,590</b>
<b>Revenue Requirement</b>	<b>\$ 28,650,062</b>
<b>Revenue Deficiency</b>	<b>\$ 1,431,472</b>

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- 1 Consistent with the Board's Revenue Requirement Work Form, Sheet 13, Table 8-16
- 2 below provide a reconciliation of OPUCN's Rate Class revenue for 2021 Test Years.
- 3 The small variances are due to rounding calculated rates to either two or four decimal
- 4 places.

1 **TABLE 8-16: REVENUE RECONCILIATION 2021**

Rate Class	Average Number of Customer/ Connections	Test Year Consumption/Demand		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Difference
		kWh	kW	Monthly Service Charge	\$/kWh	\$/kW			
Residential	56,190	496,495,068	-	\$26.45	\$0.0000		\$17,834,628	\$17,831,360	\$3,269
GS Less Than 50 KW	4,269	128,706,195	-	\$18.35	\$0.0187		\$3,346,871	\$3,344,006	\$2,865
GS 50 To 999 KW	535	328,035,469	825,711	\$61.62		\$5.2729	\$4,700,620	\$4,700,655	(\$36)
GS Intermediate 1,000 To 4,999 KW	13	76,465,711	182,480	\$1,295.54		\$2.7247	\$586,450	\$586,444	\$6
Large Use	1	38,878,939	86,319	\$9,860.14		\$2.3467	\$273,764	\$273,766	(\$2)
Street Lighting	14,391	4,555,628	12,698	\$1.46		\$22.5584	\$538,579	\$538,579	\$0
Sentinel Lighting	22	24,360	81	\$6.03		\$8.6243	\$2,273	\$2,273	(\$0)
Unmetered Scattered Load	273	2,506,367	-	\$5.38	\$0.0221		\$73,016	\$72,999	\$17
<b>Total</b>	<b>75,694</b>	<b>1,075,667,737</b>	<b>1,107,288</b>				<b>\$27,356,201</b>	<b>\$27,350,082</b>	<b>\$6,119</b>

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## BILL IMPACTS

### 2021 Bill Impacts

Table 8-17 below presents a summary of OPUCN's bill impacts. OPUCN confirms that the rate and charges input into the Tariff Schedule and Bill Impacts model is rounded to the decimal places as shown on the existing and proposed Tariff of Rates and Charges. OPUCN confirms that it has used 750 kWh in the residential consumption and 2,000 kWh consumption in the GS<50 rate class for the purposes of calculating bill impacts. The Distribution charge includes LRAM rate rider, as requested and described in Exhibit 9.

**TABLE 8-17: PROPOSED BILL IMPACTS**

Rate Class	kWh	kW	Distribution (Fixed, Volumetric and LRAM raterider)				Total Bill (Excluding HST and Ont. Electricity Rebate)			
			Current 2020	Proposed 2021	\$ Change	% Impact	Current 2020	Proposed 2021	\$ Change	% Impact
Residential	750		\$25.05	\$26.61	\$1.57	6.25%	\$140.19	\$141.46	\$1.27	0.90%
GS Less Than 50 KW	2,000		\$53.39	\$55.95	\$2.56	4.79%	\$356.98	\$358.75	\$1.77	0.50%
GS 50 To 999 KW	54,052	137	\$725.77	\$751.29	\$25.52	3.52%	\$7,820.44	\$7,827.43	\$6.99	0.09%
GS Intermediate 1,000 To 4,999 KW	601,593	1,329	\$5,092.07	\$5,023.52	(\$68.55)	(1.35)%	\$84,845.30	\$84,585.16	(\$260.14)	(0.31)%
Large Use	3,559,916	8,052	\$26,679.11	\$27,241.58	\$562.47	2.11%	\$489,556.73	\$491,058.87	\$1,502.14	0.31%
Street Lighting	31	0.085	\$3.17	\$4.99	\$1.82	57.39%	\$7.48	\$9.28	\$1.80	24.10%
Sentinel Lighting	120	0.351	\$8.66	\$8.80	\$0.13	1.53%	\$24.74	\$24.83	\$0.09	0.38%
Unmetered Scattered Load	738		\$17.27	\$20.44	\$3.17	18.34%	\$129.24	\$132.12	\$2.88	2.23%

The bill impacts summarized above and in the Board's Tariff Schedule and Bill Impacts Model include impacts related to distribution rate increase and LRAM variance account disposition rate rider as discussed in Exhibit 9. A copy of the Board's Bill Impacts can be found in Appendix 8-5.

OPUCN notes that although the Street Lighting group exceeds the 10% threshold, no mitigation is necessary as OPUCN follows the Board's cost allocation policy on a new street lighting adjustment factor. No other discrete customer group exceeds the 10% threshold. Accordingly, OPUCN submits the bill impacts of its proposed 2021 distribution rates are reasonable and do not require rate mitigation.

## RATE MITIGATION

In the RRFE report the Board concluded that it will maintain its current policy on rate mitigation. The Board stated that the implementation of the renewed regulatory

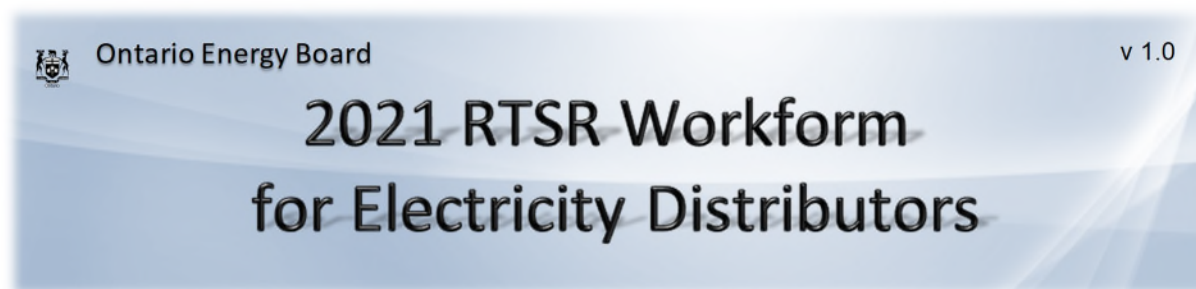
1 framework makes the need for mitigation of large rate increases less likely as controls  
2 to address cost increases are integrated into the planning and rate-setting processes,  
3 and each distributor will be able to choose the rate-setting approach that best suits its  
4 particular investment profile.

5 The Board directs that distributors must file a mitigation plan if total bill increases for  
6 any customer class exceed 10%. Using constant commodity prices and other  
7 regulatory rates, as noted above in exception to the Street Lighting group, OPUCN  
8 does not have any rate classes with bill impacts exceeding 10%.

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1 **APPENDIX 8-1: RTSR WORKFORM**



The cover page features the Ontario Energy Board logo on the left and the version number 'v 1.0' on the right. The title '2021 RTSR Workform for Electricity Distributors' is centered in a large, bold, black font. The background is a light blue gradient with a subtle wave pattern.

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

Utility Name	Oshawa PUC Networks Inc.
Assigned EB Number	EB-2020-0048
Name and Title of Contact	David Savage, Corporate Controller
Phone Number	905 743 5219
Email Address	dsavage@opuc.on.ca
Last COS Re-based Year	2015

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# 2021 RTSR Workform for Electricity Distributors

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[8. RTSR Rates to Forecast](#)

## 2021 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor eg: (1.0325)	Loss Adjusted Billed kWh
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	495,801,067	0	1.0486	519,896,999
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070	495,801,067	0	1.0486	519,896,999
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	134,207,593	0	1.0486	140,730,082
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	134,207,593	0	1.0486	140,730,082
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	2.4336	150,328,472	487,935	1.0486	157,634,436
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2764	150,328,472	487,935	1.0486	157,634,436
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1195	182,653,111	472,921	1.0486	191,530,052
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8917	182,653,111	472,921	1.0486	191,530,052
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1195	77,975,782	188,636	1.0486	81,765,405
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8917	77,975,782	188,636	1.0486	81,765,405
LARGE USE SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.3239	44,873,420	107,143	1.0145	45,524,085
LARGE USE SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.1552	44,873,420	107,143	1.0145	45,524,085
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	828,497	0	1.0486	868,762
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	828,497	0	1.0486	868,762
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.6787	30,312	85	1.0486	31,785
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6722	30,312	85	1.0486	31,785
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.6503	4,221,567	12,086	1.0486	4,426,735
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6270	4,221,567	12,086	1.0486	4,426,735

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## 2021 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2019 (Jan. 1-June 30)		2019 (July 1 - Dec. 31)	2020	2021
Rate Description			Rate			Rate	Rate
Network Service Rate	kW	\$	3.71	\$	3.83	\$ 3.92	\$ 3.92
Line Connection Service Rate	kW	\$	0.94	\$	0.96	\$ 0.97	\$ 0.97
Transformation Connection Service Rate	kW	\$	2.25	\$	2.30	\$ 2.33	\$ 2.33

Hydro One Sub-Transmission Rates		Unit	2019 (Jan. 1-June 30)		2019 (July 1 - Dec. 31)	2020	2021
Rate Description			Rate			Rate	Rate
Network Service Rate	kW	\$	3.1942	\$	3.2915	\$ 3.3980	\$ 3.3980
Line Connection Service Rate	kW	\$	0.7710	\$	0.7877	\$ 0.8045	\$ 0.8045
Transformation Connection Service Rate	kW	\$	1.7493	\$	1.9755	\$ 2.0194	\$ 2.0194
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$	2.7632	\$ 2.8239	\$ 2.8239

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## 2021 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "3. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformation 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 red, 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 discrepancies in rates.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	198,575	\$3.6100	716,856	205,771	\$0.9500	195,482	205,771	\$2.3400	481,504	\$ 676,987
February	173,129	\$3.6100	624,996	178,526	\$0.9500	169,600	178,526	\$2.3400	417,751	\$ 587,351
March	159,963	\$3.6100	577,466	161,759	\$0.9500	153,671	161,759	\$2.3400	378,516	\$ 532,187
April	158,274	\$3.6100	571,369	186,076	\$0.9500	176,772	185,012	\$2.3400	432,928	\$ 609,700
May	179,706	\$3.6100	648,739	187,322	\$0.9500	177,956	187,322	\$2.3400	438,333	\$ 616,289
June	192,178	\$3.6100	693,703	200,918	\$0.9500	190,072	200,918	\$2.3400	470,146	\$ 661,020
July	215,554	\$3.6100	778,150	221,297	\$0.9500	210,232	221,297	\$2.3400	517,835	\$ 728,067
August	211,153	\$3.6100	762,262	220,599	\$0.9500	209,569	220,599	\$2.3400	516,202	\$ 725,771
September	232,448	\$3.6100	839,137	233,480	\$0.9500	221,806	233,480	\$2.3400	546,343	\$ 768,149
October	147,802	\$3.6100	533,565	154,566	\$0.9500	146,838	154,566	\$2.3400	361,684	\$ 508,522
November	172,647	\$3.6100	623,256	173,252	\$0.9500	164,589	173,252	\$2.3400	405,410	\$ 569,999
December	170,237	\$3.6100	614,556	174,045	\$0.9500	165,343	174,045	\$2.3400	407,265	\$ 572,608
<b>Total</b>	2,211,666	\$ 3.61	\$ 7,984,114	2,297,611	\$ 0.95	\$ 2,182,730	2,296,547	\$ 2.34	\$ 5,373,920	\$ 7,556,650

## 2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	198,575	\$ 3.9200	\$ 778,414	205,771	\$ 0.9700	\$ 199,598	205,771	\$ 2.3300	\$ 479,446	\$ 679,044
February	173,129	\$ 3.9200	\$ 678,666	178,526	\$ 0.9700	\$ 173,170	178,526	\$ 2.3300	\$ 415,966	\$ 589,136
March	159,963	\$ 3.9200	\$ 627,055	161,759	\$ 0.9700	\$ 156,906	161,759	\$ 2.3300	\$ 376,898	\$ 533,805
April	158,274	\$ 3.9200	\$ 620,434	186,076	\$ 0.9700	\$ 180,493	185,012	\$ 2.3300	\$ 431,078	\$ 611,571
May	179,706	\$ 3.9200	\$ 704,448	187,322	\$ 0.9700	\$ 181,702	187,322	\$ 2.3300	\$ 436,460	\$ 618,163
June	192,178	\$ 3.9200	\$ 753,338	200,918	\$ 0.9700	\$ 194,890	200,918	\$ 2.3300	\$ 468,139	\$ 663,029
July	215,554	\$ 3.9200	\$ 844,972	221,297	\$ 0.9700	\$ 214,658	221,297	\$ 2.3300	\$ 515,622	\$ 730,280
August	211,153	\$ 3.9200	\$ 827,720	220,599	\$ 0.9700	\$ 213,981	220,599	\$ 2.3300	\$ 513,996	\$ 727,977
September	232,448	\$ 3.9200	\$ 911,196	233,480	\$ 0.9700	\$ 226,476	233,480	\$ 2.3300	\$ 544,008	\$ 770,484
October	147,802	\$ 3.9200	\$ 579,384	154,566	\$ 0.9700	\$ 149,929	154,566	\$ 2.3300	\$ 360,139	\$ 510,068
November	172,647	\$ 3.9200	\$ 676,776	173,252	\$ 0.9700	\$ 168,054	173,252	\$ 2.3300	\$ 403,677	\$ 571,732
December	170,237	\$ 3.9200	\$ 667,329	174,045	\$ 0.9700	\$ 168,824	174,045	\$ 2.3300	\$ 405,525	\$ 574,349
<b>Total</b>	2,211,666	\$ 3.92	\$ 8,669,731	2,297,611	\$ 0.97	\$ 2,228,682	2,296,547	\$ 2.33	\$ 5,350,955	\$ 7,579,637





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# 2021 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates and Hydro One Sub-transmission Rates are applied against historical 2019 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	198,575	\$ 3.9200	\$ 778,414	205,771	\$ 0.9700	\$ 199,598	205,771	\$ 2.3300	\$ 479,446	\$ 679,044
February	173,129	\$ 3.9200	\$ 678,666	178,526	\$ 0.9700	\$ 173,170	178,526	\$ 2.3300	\$ 415,966	\$ 589,136
March	159,963	\$ 3.9200	\$ 627,055	161,759	\$ 0.9700	\$ 156,906	161,759	\$ 2.3300	\$ 376,898	\$ 533,805
April	158,274	\$ 3.9200	\$ 620,434	186,076	\$ 0.9700	\$ 180,493	185,012	\$ 2.3300	\$ 431,078	\$ 611,571
May	179,706	\$ 3.9200	\$ 704,448	187,322	\$ 0.9700	\$ 181,702	187,322	\$ 2.3300	\$ 436,460	\$ 618,163
June	192,178	\$ 3.9200	\$ 753,338	200,918	\$ 0.9700	\$ 194,890	200,918	\$ 2.3300	\$ 468,139	\$ 663,029
July	215,554	\$ 3.9200	\$ 844,972	221,297	\$ 0.9700	\$ 214,658	221,297	\$ 2.3300	\$ 515,622	\$ 730,280
August	211,153	\$ 3.9200	\$ 827,720	220,599	\$ 0.9700	\$ 213,981	220,599	\$ 2.3300	\$ 513,996	\$ 727,977
September	232,448	\$ 3.9200	\$ 911,196	233,480	\$ 0.9700	\$ 226,476	233,480	\$ 2.3300	\$ 544,008	\$ 770,484
October	147,802	\$ 3.9200	\$ 579,384	154,566	\$ 0.9700	\$ 149,929	154,566	\$ 2.3300	\$ 360,139	\$ 510,068
November	172,647	\$ 3.9200	\$ 676,776	173,252	\$ 0.9700	\$ 168,054	173,252	\$ 2.3300	\$ 403,677	\$ 571,732
December	170,237	\$ 3.9200	\$ 667,329	174,045	\$ 0.9700	\$ 168,824	174,045	\$ 2.3300	\$ 405,525	\$ 574,349
<b>Total</b>	<b>2,211,666</b>	<b>\$ 3.92</b>	<b>\$ 8,669,731</b>	<b>2,297,611</b>	<b>\$ 0.97</b>	<b>\$ 2,228,682</b>	<b>2,296,547</b>	<b>\$ 2.33</b>	<b>\$ 5,350,955</b>	<b>\$ 7,579,637</b>

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## 2021 RTSR Workform for Electricity Distributors

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	519,896,999	0	3,743,258	45.0%	3,900,962	0.0075
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	140,730,082	0	942,862	11.3%	962,590	0.0070
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	2.4208	157,634,436	487,935	1,187,535	14.3%	1,227,535	2.5303
GENERAL SERVICE 1,000 TO 9,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Internal Metered	\$/kW	3.1195	191,530,052	472,921	1,475,277	17.7%	1,537,391	3.2508
GENERAL SERVICE 10,000 TO 4,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Internal Metered	\$/kW	3.1195	81,765,405	188,636	545,479	6.9%	519,640	3.2508
LARGE USE SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Internal Metered	\$/kW	3.3208	45,524,085	107,143	322,168	4.3%	322,168	3.2508
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	868,762	0	5,362	0.1%	5,362	0.0070
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.7484	31,795	85	149	0.0%	149	1.7484
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.6503	4,426,735	12,086	19,948	0.2%	20,795	1.7198

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	0.0070	519,896,999	0	3,638,279	45.0%	3,468,226	0.0067
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	140,730,082	0	914,746	11.5%	871,751	0.0062
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2754	157,634,436	487,935	1,110,735	14.0%	1,098,528	2.1694
GENERAL SERVICE 1,000 TO 9,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Internal Metered	\$/kW	2.8917	191,530,052	472,921	1,367,546	17.2%	1,303,268	2.7558
GENERAL SERVICE 10,000 TO 4,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Internal Metered	\$/kW	2.8917	81,765,405	188,636	545,479	6.9%	519,640	2.7558
LARGE USE SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Internal Metered	\$/kW	3.1502	45,524,085	107,143	322,168	4.3%	322,168	3.0089
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0065	868,762	0	5,647	0.1%	5,362	0.0062
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6722	31,795	85	227	0.0%	216	2.5486
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6270	4,426,735	12,086	31,750	0.4%	30,258	2.5035

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 %	Forecast Wholesale Billing	Proposed RTSR- Network
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075	519,896,999	0	3,900,962	45.0%	3,900,962	0.0078
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	140,730,082	0	962,590	11.3%	962,590	0.0073
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	2.5303	157,634,436	487,935	1,227,535	14.3%	1,227,535	2.6303
GENERAL SERVICE 1,000 TO 9,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Internal Metered	\$/kW	3.2508	191,530,052	472,921	1,537,391	17.7%	1,537,391	3.2508
GENERAL SERVICE 10,000 TO 4,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Internal Metered	\$/kW	3.2508	81,765,405	188,636	513,226	7.1%	513,226	3.2508
LARGE USE SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate - Internal Metered	\$/kW	3.4638	45,524,085	107,143	322,168	4.3%	322,168	3.4638
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	868,762	0	6,066	0.1%	6,066	0.0073
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.7484	31,795	85	149	0.0%	149	1.7484
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Network Service Rate	\$/kW	1.7198	4,426,735	12,086	20,795	0.2%	20,795	1.7198

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 %	Forecast Wholesale Billing	Proposed RTSR- Connection
RESIDENTIAL SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	519,896,999	0	3,468,226	45.0%	3,468,226	0.0067
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	140,730,082	0	871,751	11.5%	871,751	0.0062
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1694	157,634,436	487,935	1,098,528	14.0%	1,098,528	2.1694
GENERAL SERVICE 1,000 TO 9,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Internal Metered	\$/kW	2.7558	191,530,052	472,921	1,303,268	17.2%	1,303,268	2.7558
GENERAL SERVICE 10,000 TO 4,999 KW SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Internal Metered	\$/kW	2.7558	81,765,405	188,636	519,640	6.9%	519,640	2.7558
LARGE USE SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate - Internal Metered	\$/kW	3.0089	45,524,085	107,143	322,168	4.3%	322,168	3.0089
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	868,762	0	5,362	0.1%	5,362	0.0062
SENTINEL LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5486	31,795	85	216	0.0%	216	2.5486
STREET LIGHTING SERVICE CLASSIFICATION	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5035	4,426,735	12,086	30,258	0.4%	30,258	2.5035

# 1 APPENDIX 8-2: OEB APPENDIX 2-R: LOSS FACTORS

## Appendix 2-R Loss Factors

		Historical Years					5-Year Average
		2015	2016	2017	2018	2019	
	Losses Within Distributor's System						
A(1)	"Wholesale" kWh delivered to distributor (higher value)	1,123,341,032	1,122,297,700	1,074,174,685	1,124,625,518	1,095,245,453	1,107,936,877
A(2)	"Wholesale" kWh delivered to distributor (lower value)	1,118,817,791	1,117,783,416	1,069,852,333	1,120,102,135	1,090,839,192	1,103,478,974
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	39,267,728	42,298,615	41,364,189	41,852,628	42,368,466	41,430,325
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	1,079,550,063	1,075,484,801	1,028,488,143	1,078,249,507	1,048,470,727	1,062,048,648
D	"Retail" kWh delivered by distributor	1,070,779,248	1,082,034,739	1,038,848,724	1,075,414,784	1,048,925,886	1,063,200,676
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	38,878,939	41,879,817	40,954,643	41,438,246	41,948,976	41,020,124
F	Net "Retail" kWh delivered by distributor = D - E	1,031,900,309	1,040,154,922	997,894,081	1,033,976,538	1,006,976,910	1,022,180,552
G	Loss Factor in Distributor's system = C / F	1.0462	1.0340	1.0307	1.0428	1.0412	1.0390
	Losses Upstream of Distributor's System						
H	Supply Facilities Loss Factor	1.0045	1.0045	1.0045	1.0045	1.0045	1.0045
	Total Losses						
I	Total Loss Factor = G x H	1.0509	1.0386	1.0353	1.0475	1.0459	1.0437

### Notes:

- A(1)** If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MV-WEB. It is the higher of the two values provided by MV-WEB.
- If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the higher of the two kWh values provided in Hydro One Networks' invoice.
- If partially embedded, kWh pertains to the sum of the above.
- A(2)** If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the lower of the two kWh values provided by MV-WEB.
- If fully embedded with the host distributor, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.
- If partially embedded, kWh pertains to the sum of the above.
- Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in **A(2)**.
- B** If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is 1% (i.e., **B** = 1.01 X **E**). This value should not include supply facility losses. However, the total loss factor on the tariff of rate and charges and applied to customers consumption should include the supply facility loss factor.
- D** kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.
- E** Metered consumption of Large Use customers.
- G and I** These loss factors pertain to secondary-metered customers with demand less than 5,000 kW.
- H** Actual Supply Facility Loss Factor as calculated by dividing A(1) by A(2).

# 1 APPENDIX 8-3: OPUCN'S 2020 APPROVED TARIFF SHEETS

## Oshawa PUC Networks Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2020 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0062

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.67
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0177
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. Note that for statistical purposes the following sub-classifications apply:

- General Service 50 to 200 kW
- General Service over 200 kW

Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	58.43
Distribution Volumetric Rate	\$/kW	4.9998
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	(0.1287)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4777
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1429
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1758
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.7221

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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

### APPLICATION

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

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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1,227.87
Distribution Volumetric Rate	\$/kW	2.6132
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.2944
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1758
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.7221

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	9,343.15
Distribution Volumetric Rate	\$/kW	2.2526
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	(0.0996)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.3839
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9701

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand at each location is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.87
Distribution Volumetric Rate	\$/kWh	0.0200
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	(0.0032)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.88
Distribution Volumetric Rate	\$/kW	8.4045
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	(0.4706)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7090
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5155

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, 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 OEB street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.11
Distribution Volumetric Rate	\$/kW	32.5022
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	(20.0597)
Retail Transmission Rate - Network Service Rate	\$/kW	1.6801
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4729

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## microFIT SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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### ALLOWANCES

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

## 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 Global Adjustment and the HST.

### Customer Administration

Arrears certificate	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference letter	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

### Other

Specific charge for access to the power poles - \$/pole/year	\$	44.50
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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 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	\$	102.00
Monthly fixed charge, per retailer	\$	40.80
Monthly variable charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
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)	\$	4.08
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

## 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	1.0486
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.044
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

# 1 APPENDIX 8-4: OPUCN'S 2021 PROPOSED TARIFF SHEETS

## Oshawa PUC Networks Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0048

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	26.45
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$	0.16
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.35
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0187
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW.

Note that for statistical purposes the following sub-classifications apply:

- General Service 50 to 200 kW
- General Service over 200 kW

Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	61.62
Distribution Volumetric Rate	\$/kW	5.2729
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kW	(0.2388)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5363
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1694
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2508
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.7558

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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

### APPLICATION

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

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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1,295.54
Distribution Volumetric Rate	\$/kW	2.7247
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kW	0.0804
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2508
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.7558

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	9,859.73
Distribution Volumetric Rate	\$/kW	2.3466
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kW	(0.1879)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.4638
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.0069

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand at each location is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.38
Distribution Volumetric Rate	\$/kWh	0.0221
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kWh	(0.0017)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	6.03
Distribution Volumetric Rate	\$/kW	8.6243
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kW	(0.7409)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7494
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5466

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, 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 OEB street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.46
Distribution Volumetric Rate	\$/kW	22.5584
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until effective until December 31, 2021	\$/kW	18.9166
Retail Transmission Rate - Network Service Rate	\$/kW	1.7198
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5035

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## microFIT SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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### ALLOWANCES

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

## 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 Global Adjustment and the HST.

### Customer Administration

Arrears certificate	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference letter	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	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 (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	415.00

### Other

Specific charge for access to the power poles - \$/pole/year	\$	45.39
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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 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.

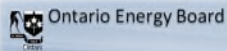
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.04
Monthly fixed charge, per retailer	\$	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
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)	\$	4.16
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.04

## 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	1.0437
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.039
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

## 1 APPENDIX 8-5: BILL IMPACTS SUMMARY



## Tariff Schedule and Bill Impacts Model (2021 Cost of Service 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 section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.**

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 2017 of \$0.1101/kWh (ESO's Monthly Market Report for May 2017, 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.
- Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand KW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP	1.0486	1.0437	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kwh	RPP	1.0486	1.0437	2,000		CONSUMPTION	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0486	1.0437	54,052	137	DEMAND	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0486	1.0437	601,593	1,329	DEMAND - INTERVAL	
LARGE USE SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0145	1.0145	3,559,916	8,052	DEMAND - INTERVAL	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kwh	RPP	1.0486	1.0437	738		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0486	1.0437	120	0	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kw	Non-RPP (Other)	1.0486	1.0437	31	0	DEMAND	1
RESIDENTIAL SERVICE CLASSIFICATION	kwh	Non-RPP (Retailer)	1.0486	1.0437	750		CONSUMPTION	
RESIDENTIAL SERVICE CLASSIFICATION	kwh	RPP	1.0486	1.0437	350		CONSUMPTION	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ 1.57	6.2%	\$ 1.10	3.6%	\$ 1.28	3.1%	\$ 1.03	0.9%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kwh	\$ 2.56	4.8%	\$ 1.31	2.0%	\$ 1.81	1.9%	\$ 1.44	0.5%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 25.52	3.5%	\$ 25.52	3.5%	\$ 37.18	2.7%	\$ 7.89	0.1%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ (68.55)	-1.3%	\$ (68.55)	-1.3%	\$ 75.91	0.6%	\$ (293.96)	-0.3%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 562.48	2.1%	\$ 562.48	2.1%	\$ 1,502.14	1.9%	\$ 1,697.42	0.3%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kwh	\$ 3.17	18.3%	\$ 2.71	12.4%	\$ 2.89	9.1%	\$ 2.34	2.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 0.13	1.5%	\$ 0.07	0.7%	\$ 0.09	0.9%	\$ 0.07	0.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kw	\$ 1.82	57.4%	\$ 1.80	54.0%	\$ 1.81	49.0%	\$ 2.04	24.2%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kwh	\$ 1.57	6.2%	\$ 1.16	3.9%	\$ 1.34	3.3%	\$ 1.08	1.1%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kwh	\$ 1.77	7.1%	\$ 1.55	5.6%	\$ 1.63	5.0%	\$ 1.32	2.1%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0486		
Proposed/Approved Loss Factor	1.0437		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.67	1	\$ 24.67	\$ 26.45	1	\$ 26.45	\$ 1.78	7.22%
Distribution Volumetric Rate	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.16	1	\$ 0.16	\$ 0.16	-
Volumetric Rate Riders	\$ 0.0005	750	\$ 0.38	\$ -	750	\$ -	\$ (0.38)	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 25.05</b>			<b>\$ 26.61</b>	<b>\$ 1.57</b>	<b>6.25%</b>
Line Losses on Cost of Power	\$ 0.1276	36	\$ 4.65	\$ 0.1276	33	\$ 4.18	\$ (0.47)	-10.08%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 30.26</b>			<b>\$ 31.36</b>	<b>\$ 1.10</b>	<b>3.62%</b>
RTSR - Network	\$ 0.0073	786	\$ 5.74	\$ 0.0075	783	\$ 5.87	\$ 0.13	2.26%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0066	786	\$ 5.19	\$ 0.0067	783	\$ 5.24	\$ 0.05	1.04%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 41.20</b>			<b>\$ 42.48</b>	<b>\$ 1.28</b>	<b>3.11%</b>
Wholesale Market Service Charge (WMSA)	\$ 0.0034	786	\$ 2.67	\$ 0.0034	783	\$ 2.66	\$ (0.01)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	786	\$ 0.39	\$ 0.0005	783	\$ 0.39	\$ (0.00)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	488	\$ 49.24	\$ 0.1010	488	\$ 49.24	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	128	\$ 18.36	\$ 0.1440	128	\$ 18.36	\$ -	0.00%
TOU - On Peak	\$ 0.2080	135	\$ 28.08	\$ 0.2080	135	\$ 28.08	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 140.19</b>			<b>\$ 141.46</b>	<b>\$ 1.27</b>	<b>0.90%</b>
HST	13%		\$ 18.22	13%		\$ 18.39	\$ 0.16	0.90%
Ontario Electricity Rebate	31.8%		\$ (44.58)	31.8%		\$ (44.98)	\$ (0.40)	-0.90%
<b>Total Bill on TOU</b>			<b>\$ 113.84</b>			<b>\$ 114.86</b>	<b>\$ 1.03</b>	<b>0.90%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0486		
Proposed/Approved Loss Factor	1.0437		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.39	1	\$ 17.39	\$ 18.35	1	\$ 18.35	\$ 0.96	5.52%
Distribution Volumetric Rate	\$ 0.0177	2000	\$ 35.40	\$ 0.0187	2000	\$ 37.40	\$ 2.00	5.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0003	2000	\$ 0.60	\$ 0.0001	2000	\$ 0.20	\$ (0.40)	-66.67%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 53.39</b>			<b>\$ 55.95</b>	<b>\$ 2.56</b>	<b>4.79%</b>
Line Losses on Cost of Power	\$ 0.1276	97	\$ 12.40	\$ 0.1276	87	\$ 11.15	\$ (1.25)	-10.08%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 66.36</b>			<b>\$ 67.67</b>	<b>\$ 1.31</b>	<b>1.97%</b>
RTSR - Network	\$ 0.0068	2,097	\$ 14.26	\$ 0.0070	2,087	\$ 14.61	\$ 0.35	2.46%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	2,097	\$ 12.79	\$ 0.0062	2,087	\$ 12.94	\$ 0.15	1.16%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 93.41</b>			<b>\$ 95.22</b>	<b>\$ 1.81</b>	<b>1.94%</b>
Wholesale Market Service Charge (WMSA)	\$ 0.0034	2,097	\$ 7.13	\$ 0.0034	2,087	\$ 7.10	\$ (0.03)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,097	\$ 1.05	\$ 0.0005	2,087	\$ 1.04	\$ (0.00)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	1,300	\$ 131.30	\$ 0.1010	1,300	\$ 131.30	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	340	\$ 48.96	\$ 0.1440	340	\$ 48.96	\$ -	0.00%
TOU - On Peak	\$ 0.2080	360	\$ 74.88	\$ 0.2080	360	\$ 74.88	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 356.98</b>			<b>\$ 358.75</b>	<b>\$ 1.77</b>	<b>0.50%</b>
HST	13%		\$ 46.41	13%		\$ 46.64	\$ 0.23	0.50%
Ontario Electricity Rebate	31.8%		\$ (113.52)	31.8%		\$ (114.08)	\$ (0.56)	-0.50%
<b>Total Bill on TOU</b>			<b>\$ 289.87</b>			<b>\$ 291.31</b>	<b>\$ 1.44</b>	<b>0.50%</b>



Customer Class:	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	54,052 kWh
Demand	137 kW
Current Loss Factor	1.0486
Proposed/Approved Loss Factor	1.0437

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 58.43	1	\$ 58.43	\$ 61.62	1	\$ 61.62	\$ 3.19	5.46%
Distribution Volumetric Rate	\$ 4.9998	137	\$ 684.97	\$ 5.2729	137	\$ 722.39	\$ 37.41	5.46%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ (0.1287)	137	\$ (17.63)	\$ (0.2388)	137	\$ (32.72)	\$ (15.08)	85.55%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 725.77</b>			<b>\$ 751.29</b>	<b>\$ 25.52</b>	<b>3.52%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	137	\$ -	\$ -	137	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	137	\$ -	\$ -	137	\$ -	\$ -	
GA Rate Riders	\$ -	54,052	\$ -	\$ -	54,052	\$ -	\$ -	
Low Voltage Service Charge	\$ -	137	\$ -	\$ -	137	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	137	\$ -	\$ -	137	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 725.77</b>			<b>\$ 751.29</b>	<b>\$ 25.52</b>	<b>3.52%</b>
RTSR - Network	\$ 2.4777	137	\$ 339.44	\$ 2.5363	137	\$ 347.47	\$ 8.03	2.37%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.1429	137	\$ 293.58	\$ 2.1694	137	\$ 297.21	\$ 3.63	1.24%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 1,358.79</b>			<b>\$ 1,395.97</b>	<b>\$ 37.18</b>	<b>2.74%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	56,679	\$ 192.71	\$ 0.0034	56,414	\$ 191.81	\$ (0.90)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	56,679	\$ 28.34	\$ 0.0005	56,414	\$ 28.21	\$ (0.13)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	56,679	\$ 6,240.35	\$ 0.1101	56,414	\$ 6,211.19	\$ (29.16)	-0.47%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 7,820.44</b>			<b>\$ 7,827.43</b>	<b>\$ 6.99</b>	<b>0.09%</b>
HST	13%		\$ 1,016.66	13%		\$ 1,017.57	\$ 0.91	0.09%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 8,837.10</b>			<b>\$ 8,844.99</b>	<b>\$ 7.89</b>	<b>0.09%</b>

Customer Class:	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	601,593 kWh
Demand	1,329 kW
Current Loss Factor	1.0486
Proposed/Approved Loss Factor	1.0437

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1,227.87	1	\$ 1,227.87	\$ 1,295.54	1	\$ 1,295.54	\$ 67.67	5.51%
Distribution Volumetric Rate	\$ 2.6132	1329	\$ 3,472.94	\$ 2.7247	1329	\$ 3,621.13	\$ 148.18	4.27%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.2944	1329	\$ 391.26	\$ 0.0804	1329	\$ 106.85	\$ (284.41)	-72.69%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 5,092.07</b>			<b>\$ 5,023.52</b>	<b>\$ (68.55)</b>	<b>-1.35%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,329	\$ -	\$ -	1,329	\$ -	\$ -	
CBR Class B Rate Riders	\$ -	1,329	\$ -	\$ -	1,329	\$ -	\$ -	
GA Rate Riders	\$ -	601,593	\$ -	\$ -	601,593	\$ -	\$ -	
Low Voltage Service Charge	\$ -	1,329	\$ -	\$ -	1,329	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1,329	\$ -	\$ -	1,329	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 5,092.07</b>			<b>\$ 5,023.52</b>	<b>\$ (68.55)</b>	<b>-1.35%</b>
RTSR - Network	\$ 3.1758	1,329	\$ 4,220.64	\$ 3.2508	1,329	\$ 4,320.31	\$ 99.67	2.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.7221	1,329	\$ 3,617.67	\$ 2.7558	1,329	\$ 3,662.46	\$ 44.79	1.24%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 12,930.38</b>			<b>\$ 13,006.29</b>	<b>\$ 75.91</b>	<b>0.59%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0034	630,830	\$ 2,144.82	\$ 0.0034	627,883	\$ 2,134.80	\$ (10.02)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	630,830	\$ 315.42	\$ 0.0005	627,883	\$ 313.94	\$ (1.47)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	630,830	\$ 69,454.43	\$ 0.1101	627,883	\$ 69,129.88	\$ (324.55)	-0.47%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 84,845.30</b>			<b>\$ 84,585.16</b>	<b>\$ (260.14)</b>	<b>-0.31%</b>
HST	13%		\$ 11,029.89	13%		\$ 10,996.07	\$ (33.82)	-0.31%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 95,875.19</b>			<b>\$ 95,581.23</b>	<b>\$ (293.96)</b>	<b>-0.31%</b>

Customer Class:	LARGE USE SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	3,559,916 kWh
Demand	8,052 kW
Current Loss Factor	1.0145
Proposed/Approved Loss Factor	1.0145

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 9,343.15	1	\$ 9,343.15	\$ 9,859.73	1	\$ 9,859.73	\$ 516.58	5.53%
Distribution Volumetric Rate	\$ 2.2526	8052	\$ 18,137.94	\$ 2.3466	8052	\$ 18,894.82	\$ 756.89	4.17%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ (0.0996)	8052	\$ (801.98)	\$ (0.1879)	8052	\$ (1,512.97)	\$ (710.99)	88.65%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26,679.11</b>			<b>\$ 27,241.58</b>	<b>\$ 562.48</b>	<b>2.11%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate	\$ -	8,052	\$ -	\$ -	8,052	\$ -	\$ -	-
Riders	\$ -	8,052	\$ -	\$ -	8,052	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	8,052	\$ -	\$ -	8,052	\$ -	\$ -	-
GA Rate Riders	\$ -	3,559,916	\$ -	\$ -	3,559,916	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	8,052	\$ -	\$ -	8,052	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	8,052	\$ -	\$ -	8,052	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26,679.11</b>			<b>\$ 27,241.58</b>	<b>\$ 562.48</b>	<b>2.11%</b>
RTSR - Network	\$ 3.3839	8,052	\$ 27,247.16	\$ 3.4638	8,052	\$ 27,890.52	\$ 643.35	2.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.9701	8,052	\$ 23,915.25	\$ 3.0069	8,052	\$ 24,211.56	\$ 296.31	1.24%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 77,841.51</b>			<b>\$ 79,343.66</b>	<b>\$ 1,502.14</b>	<b>1.93%</b>
Wholesale Market Service Charge (WMS)	\$ 0.0034	3,611,535	\$ 12,279.22	\$ 0.0034	3,611,535	\$ 12,279.22	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	3,611,535	\$ 1,805.77	\$ 0.0005	3,611,535	\$ 1,805.77	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	3,611,535	\$ 397,629.98	\$ 0.1101	3,611,535	\$ 397,629.98	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 489,556.73</b>			<b>\$ 491,058.87</b>	<b>\$ 1,502.14</b>	<b>0.31%</b>
HST	13%		\$ 63,642.37	13%		\$ 63,837.65	\$ 195.28	0.31%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	-
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 553,199.10</b>			<b>\$ 554,896.53</b>	<b>\$ 1,697.42</b>	<b>0.31%</b>

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP
Consumption	738 kWh
Demand	- kW
Current Loss Factor	1.0485
Proposed/Approved Loss Factor	1.0437

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.87	1	\$ 4.87	\$ 5.38	1	\$ 5.38	\$ 0.51	10.47%
Distribution Volumetric Rate	\$ 0.0200	738	\$ 14.76	\$ 0.0221	738	\$ 16.31	\$ 1.55	10.50%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ (0.0032)	738	\$ (2.36)	\$ (0.0017)	738	\$ (1.25)	\$ 1.11	-46.88%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 17.27</b>			<b>\$ 20.44</b>	<b>\$ 3.17</b>	<b>18.34%</b>
Line Losses on Cost of Power	\$ 0.1276	36	\$ 4.58	\$ 0.1276	32	\$ 4.11	\$ (0.46)	-10.08%
Total Deferral/Variance Account Rate	\$ -	738	\$ -	\$ -	738	\$ -	\$ -	-
Riders	\$ -	738	\$ -	\$ -	738	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	738	\$ -	\$ -	738	\$ -	\$ -	-
GA Rate Riders	\$ -	738	\$ -	\$ -	738	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	738	\$ -	\$ -	738	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	738	\$ -	\$ -	738	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 21.84</b>			<b>\$ 24.55</b>	<b>\$ 2.71</b>	<b>12.39%</b>
RTSR - Network	\$ 0.0068	774	\$ 5.28	\$ 0.0070	770	\$ 5.39	\$ 0.13	2.46%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	774	\$ 4.72	\$ 0.0062	770	\$ 4.78	\$ 0.05	1.16%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 31.83</b>			<b>\$ 34.72</b>	<b>\$ 2.89</b>	<b>9.08%</b>
Wholesale Market Service Charge (WMS)	\$ 0.0034	774	\$ 2.63	\$ 0.0034	770	\$ 2.62	\$ (0.01)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	774	\$ 0.39	\$ 0.0005	770	\$ 0.39	\$ (0.00)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.1010	480	\$ 48.45	\$ 0.1010	480	\$ 48.45	\$ -	0.00%
TOU - Mid Peak	\$ 0.1440	125	\$ 18.07	\$ 0.1440	125	\$ 18.07	\$ -	0.00%
TOU - On Peak	\$ 0.2080	133	\$ 27.63	\$ 0.2080	133	\$ 27.63	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 129.24</b>			<b>\$ 132.12</b>	<b>\$ 2.88</b>	<b>2.23%</b>
HST	13%		\$ 16.80	13%		\$ 17.18	\$ 0.37	2.23%
Ontario Electricity Rebate	31.8%		\$ (41.10)	31.8%		\$ (42.01)	\$ (0.91)	-2.23%
<b>Total Bill on TOU</b>			<b>\$ 104.94</b>			<b>\$ 107.28</b>	<b>\$ 2.34</b>	<b>2.23%</b>



Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	120 kWh
Demand	0 kW
Current Loss Factor	1.0486
Proposed/Approved Loss Factor	1.0437

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.88	1	\$ 5.88	\$ 6.03	1	\$ 6.03	\$ 0.15	2.55%
Distribution Volumetric Rate	\$ 8.4045	0.351	\$ 2.95	\$ 8.6243	0.351	\$ 3.03	\$ 0.08	2.62%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ (0.4706)	0.351	\$ (0.17)	\$ (0.7409)	0.351	\$ (0.26)	\$ (0.09)	57.44%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 8.66</b>			<b>\$ 8.80</b>	<b>\$ 0.13</b>	<b>1.53%</b>
Line Losses on Cost of Power	\$ 0.1101	6	\$ 0.64	\$ 0.1101	5	\$ 0.58	\$ (0.06)	-10.08%
Total Deferral/Variance Account Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	120	\$ -	\$ -	120	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 9.31</b>			<b>\$ 9.37</b>	<b>\$ 0.07</b>	<b>0.73%</b>
RTSR - Network	\$ 1.7090	0	\$ 0.60	\$ 1.7494	0	\$ 0.61	\$ 0.01	2.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.5155	0	\$ 0.88	\$ 2.5466	0	\$ 0.89	\$ 0.01	1.24%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 10.79</b>			<b>\$ 10.88</b>	<b>\$ 0.09</b>	<b>0.86%</b>
Wholesale Market Service Charge (WMSR)	\$ 0.0034	126	\$ 0.43	\$ 0.0034	125	\$ 0.43	\$ (0.00)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	126	\$ 0.06	\$ 0.0005	125	\$ 0.06	\$ (0.00)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	120	\$ 13.21	\$ 0.1101	120	\$ 13.21	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 24.74</b>			<b>\$ 24.83</b>	<b>\$ 0.09</b>	<b>0.37%</b>
HST	13%		\$ 3.22	13%		\$ 3.23	\$ 0.01	0.37%
Ontario Electricity Rebate	31.8%		\$ (7.87)	31.8%		\$ (7.90)	\$ -	-
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 20.09</b>			<b>\$ 20.16</b>	<b>\$ 0.07</b>	<b>0.37%</b>

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	31 kWh
Demand	0 kW
Current Loss Factor	1.0486
Proposed/Approved Loss Factor	1.0437

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.11	1	\$ 2.11	\$ 1.46	1	\$ 1.46	\$ (0.65)	-30.81%
Distribution Volumetric Rate	\$ 32.5022	0.085	\$ 2.76	\$ 22.5584	0.085	\$ 1.92	\$ (0.85)	-30.59%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ (20.0597)	0.085	\$ (1.71)	\$ 18.9166	0.085	\$ 1.61	\$ 3.31	-194.30%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 3.17</b>			<b>\$ 4.99</b>	<b>\$ 1.82</b>	<b>57.39%</b>
Line Losses on Cost of Power	\$ 0.1101	2	\$ 0.17	\$ 0.1101	1	\$ 0.15	\$ (0.02)	-10.08%
Total Deferral/Variance Account Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
GA Rate Riders	\$ -	31	\$ -	\$ -	31	\$ -	\$ -	-
Low Voltage Service Charge	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 3.33</b>			<b>\$ 5.13</b>	<b>\$ 1.80</b>	<b>54.03%</b>
RTSR - Network	\$ 1.6801	0	\$ 0.14	\$ 1.7198	0	\$ 0.15	\$ 0.00	2.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.4729	0	\$ 0.21	\$ 2.5035	0	\$ 0.21	\$ 0.00	1.24%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 3.69</b>			<b>\$ 5.49</b>	<b>\$ 1.81</b>	<b>49.02%</b>
Wholesale Market Service Charge (WMSR)	\$ 0.0034	33	\$ 0.11	\$ 0.0034	32	\$ 0.11	\$ (0.00)	-0.47%
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	33	\$ 0.02	\$ 0.0005	32	\$ 0.02	\$ (0.00)	-0.47%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	31	\$ 3.41	\$ 0.1101	31	\$ 3.41	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 7.48</b>			<b>\$ 9.28</b>	<b>\$ 1.81</b>	<b>24.16%</b>
HST	13%		\$ 0.97	13%		\$ 1.21	\$ 0.23	24.16%
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	\$ -	-
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 6.45</b>			<b>\$ 10.49</b>	<b>\$ 2.04</b>	<b>24.16%</b>