

**GREATER SUDBURY HYDRO INC.**  
**2018 Electricity Distribution Rate Application**  
**EB-2018-0034**  
**Effective May 1, 2019**

IN THE MATTER OF the *Ontario*  
*Energy Board Act, 1998,*  
S.O.1998, c.15 (Sched. B)

AND IN THE MATTER OF an  
Application by Greater Sudbury  
Hydro Inc for an Order or Orders  
pursuant to section 78 of the  
*Ontario Energy Board Act, 1998*  
for 2018 distribution rates and  
related matters.

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## APPLICATION

1. The Applicant is Greater Sudbury Hydro Inc. ("GSHI"). GSHI is a licensed electricity distributor operating pursuant to license ED-2002-0559. GSHI distributes electricity to approximately 47,427<sup>1</sup> customers within parts of Greater Sudbury (former City of Sudbury, Town of Coniston, Town of Capreol and Town of Falconbridge) and parts of the Municipality of West Nipissing (Town of Sturgeon Falls and Town of Cache Bay).
2. Greater Sudbury hereby applies to the Ontario Energy Board (the "Board") for an order or orders made pursuant to Section 78 of the *Ontario Energy Board Act, 1998* as amended, (the "OEB Act") approving just and reasonable rates for the distribution of electricity based on a 2018 Price Cap Incentive Rate-Setting (IRM) application, effective May 1, 2019.
3. Specifically, GSHI hereby applies for an order or orders granting distribution rates updated and adjusted in accordance with Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications updated July 12, 2018 ("Filing Requirements"), including the following:
  - a. An adjustment to the retail transmission service rates as provided in Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008 (Revision 4.0 June 28, 2012);
  - b. The finalization of transition to fixed rates for the Residential service classification. The 2019 rate year will be transition year four of four total years.
  - c. The continuation of the Low Voltage Service charges, Wholesale Market Service Rate, Rural Rate Protection Charge;
  - d. The continuation of the Standard Supply Service Charge, Specific Service Charges, microFIT Service Charge, Retail Service Charges, Transformation and Primary Metering Allowances, and Loss Factors as approved in the 2013 Cost of Service Application EB-2012-0126.
  - e. The continuation of the Smart Metering Entity Charge as approved in GSHI's 2013 Cost of Service Application EB-2012-0126 and adjusted as a result of the

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<sup>1</sup> 2017 OEB Yearbook of Electricity Distributors

Independent Electricity System Operator Smart Metering Entity application EB-2017-0290.

- f. Proposed new Rate Riders for Disposition of Deferral/Variance Accounts (including the Lost Revenue Adjustment Mechanism) (2019) and Global Adjustment Sub-Account (2019) – both proposed to be effective until April 30, 2020.
  - g. The proposed transfer of sharing of incremental tax costs (2019) to account 1595 for future disposition.
4. This Application is supported by written evidence that may be amended from time to time, prior to the Board’s final decision on this Application.
  5. In the preparation of this application, GSHI has utilized three Excel models: “2019 IRM Rate Generator – version 1.1”, “GA Analysis Work Form” and “LRAMVA Work Form 3.0” all developed and provided by the Board and as listed on the Board’s website.
  6. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2019, GSHI requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2019 distribution rates. GSHI also requests to be permitted to recover the incremental revenue from the effective date to the implementation date, in the event that the effective date does not coincide with the Board’s decided implementation for the 2019 distribution rates and charges.
  7. The undersigned certifies that GSHI has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances being disposed. The undersigned also certifies that the evidence filed is accurate, consistent and complete to the best of her knowledge.

8. The Applicant requests that a copy of all documents filed with the Board in this proceeding be served on the Applicant as follows:

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Dated at Sudbury, Ontario, this 1<sup>st</sup> day of November, 2018.

*Original signed by*

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Catherine Huneault, CPA, CGA  
VP – Corporate Services & CFO  
Greater Sudbury Hydro Inc.

# MANAGER'S SUMMARY

## OVERVIEW

Greater Sudbury Hydro Inc. (GSHI) is a licensed electricity distributor operating pursuant to license ED-2002-0559. GSHI distributes electricity to approximately 47,427<sup>2</sup> customers within parts of Greater Sudbury (former City of Sudbury, Town of Coniston, Town of Capreol and Town of Falconbridge) and parts of the Municipality of West Nipissing (Town of Sturgeon Falls and Town of Cache Bay) all of whom will be impacted by this application.

GSHI's last Cost of Service Application was for distribution rates effective May 1, 2013 (EB-2012-0126) in which a full settlement was reached and the Board issued a Decision and Rate Order on May 2, 2013.

On September 22, 2017, GSHI filed a 2018 Price Cap Incentive Regulation Mechanism (Price Cap IR) (EB-2017-0042) seeking approval for changes to distribution rates. The Board issued a Decision and Rate Order on March 22<sup>th</sup>, 2018. A copy of the current Tariff of Rates and Charges with an effective date of May 1<sup>st</sup>, 2018 is included as **Attachment 1**.

There are no outstanding Board Orders affecting this current application.

This application has been prepared in accordance with the "Filing Requirements for Electricity Distribution Rate Applications – 2018 Edition for 2019 Rate Applications – Chapter 3, Incentive Rate Setting-Applications, updated on July 12, 2018" ("Filing Requirements") issued by the Board. GSHI utilized the 2019 Rate Generator Model, GA Analysis Work Form and the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 3.0, issued by the Board on July 12<sup>th</sup>, 2018. The completed Rate Generator Model, the GA analysis Work Form and the LRAMVA Work Form in PDF format, are included as **Attachment 2, 3 and 5 respectively**.

A copy of this application can also be found on GSHI's website at the following location:  
<http://sudburyhydro.com/documents/>

## SUMMARY OF SUBMITTED DOCUMENTS

1. Manager's Summary (PDF format) - *GSH\_2019\_IRM\_APPL\_SUMM\_20181101.pdf*
  - a. Current Tariff of Rates and Charges (Attachment 1).
  - b. 2019 Rate Generator Model v1.1 tabs in PDF format (Attachment 2).
  - c. GA Analysis Work Form in PDF format (Attachment 3).
  - d. Responses to the questions included as Appendix A of the GA Analysis Work Form Instructions (Attachment 4).
  - e. Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version 3.0 in PDF format (Attachment 5).

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<sup>2</sup> 2017 OEB Yearbook of Electricity Distributors

- 1 f. Proposed May 1, 2019 Tariff Schedules (Attachment 6).
- 2 g. Rate application bill impacts (Attachment 7).
- 3 2. 2019 Rate Generator Model v1.1 (Excel format) –
- 4 *GSH\_2019\_IRM\_Rate\_Generator\_Model\_20180712\_3.xlsb*
- 5 3. GA Analysis Work Form (Excel format) -
- 6 *GSH\_2019\_IRM\_GA\_Analysis\_Workform\_20180712\_3.xlsx*
- 7 4. Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version
- 8 3.0 (Excel Format) – *GSH\_2019\_LRAMVA\_Workform\_20180712.xlsx*

## 9 **GLOBAL ADJUSTMENT - DESCRIPTION OF SETTLEMENT PROCESS**

10 GSHI uses the 1<sup>st</sup> estimate to bill all of its rate classes and to record unbilled entries. By the 4<sup>th</sup>  
11 business day of each month, GSHI submits its filing for the initial RPP true up to the IESO for the  
12 previous consumption month. GSHI uses the amount posted in its billing system in a given month  
13 for the inputs required for this filing. For example, the filing for November 2018 will utilize the  
14 billed consumption, billed amount, system-calculated WAP and system-calculated Global  
15 Adjustment pertaining to the electricity that was actually billed in the month. These figures will  
16 calculate a preliminary true-up amount for the month of November that will flow on line 142 of  
17 the IESO invoice.

18 GSHI's methodology trues up these initial submissions on a quarterly basis based on the actual  
19 consumption for each particular month (versus billed during the month). The actual consumption  
20 data is available approximately 45 days following each month end. Under this method, the  
21 submission to the IESO for the February 2019 settlement month would include a true up for Q4  
22 2018 (covering the months of October, November and December 2018). Quarterly true-ups will  
23 consistently be submitted 2-months lagging the end of a given quarter.

24 To quantify the final RPP true up value, it is necessary to determine an accurate consumption  
25 split between RPP and non-RPP customers. GSHI starts by querying from its billing system a  
26 report that lists all electricity bills issued for a given month. This report details the consumption  
27 dates covered by each bill, the total kWh and other pertinent information (RPP \$ billed, RPP/non-  
28 RPP customer status). GSHI prorates the consumption for each individual bill into the appropriate  
29 month (ie: a bill for 800kwh total consumption with 15 days of consumption in each of November  
30 and December will have 400kwh allocated to each respective month). With every bill prorated  
31 in this manner, GSHI is able to determine the total kWh billed to RPP and non-RPP customers  
32 pertaining to a given consumption month. The total RPP dollars billed to customers are prorated  
33 into monthly buckets in the same manner.

34 With proper monthly cut-off of total kWh billed to RPP and non-RPP customers, it is possible to  
35 determine the percentage split of the portion of purchases pertaining to RPP customers. This  
36 percentage is applied to the total kWh, cost of commodity and cost of global adjustment  
37 purchased by GSHI from its energy suppliers (IESO, HONI, generation, etc) for the month being  
38 trued up.

- 1 Given all the data now available, GSHI calculates the following:
- 2 1) How much GSHI paid for the commodity that pertains to RPP customers.
  - 3 2) How much GSHI paid for the GA that pertains to RPP customers.
  - 4 3) How much GSHI collected from RPP customers pertaining to the kWh GSHI purchased
  - 5 from its energy suppliers (calculated by dividing the prorated RPP \$ total by the
  - 6 prorated kWh total and multiplying this value by the RPP kWh purchased by GSHI).

7 Part 1) and 2) above are summed and compared to part 3). The difference between the two  
8 values is the final true-up amount, and is the value that should have been paid to/received from  
9 the IESO for the given consumption month. This value is compared to the initially submitted  
10 estimate, and the difference between the initially submitted estimate and this value is trued up  
11 on a quarterly basis. When preparing the RPP true up, GSHI compares the data inputs to the  
12 billings received from its third parties (IESO, HONI, Embedded Generation) to validate the  
13 consumption figures used in the calculation.

14 GSHI was careful to closely follow the example in Article 490 of the Accounting Procedures  
15 Handbook for this portion of the calculation in order to ensure that any inefficiency in GSHI's  
16 billing loss factor is appropriately captured in account 1588, and the appropriate amount is  
17 ultimately being trued up with the IESO.

18

## 19 **DEFERRAL AND VARIANCE ACCOUNTS**

20 GSHI completed Sheet 3 of the Rate Generator model titled "Continuity Schedule". GSHI notes  
21 that a variance exists in column BV of this sheet: \$(133,180) for account 1580 – RSVA Wholesale  
22 Market Service Charge. The balance of this variance was subtracted from the consolidated  
23 balance of account 1580 to report separately as Sub-account CBR Class B. The continuity is  
24 correctly reflecting these balances.

25 To correct this variance in the Rate Generator Model, the column "2.1.7 RRR As of Dec 31, 2017"  
26 should have account 1580 – RSVA Wholesale Market Service Charge balance adjusted to  
27 \$(1,699,269) which is the appropriate balance net of the CBR Class B sub-account.

28 GSHI also notes the variance in account 1580 Variance WMS – Sub-account CBR Class A \$(1,163).  
29 The variance is due to an unbilled entry that was flowed to the incorrect account. GSHI will  
30 correct this entry in 2018 and the new balance will be reflected in the 2018 trial balance. The  
31 continuity is correctly reflecting these balances.

32 In account 1595, the difference between the 2017 and 2018 subaccounts relates to the entry for  
33 shared tax savings approved in GSHI's 2018 IRM Rate Application (EB-2017-0042) being booked  
34 in the 2017 year end to 2017 subaccount, but should have been booked in 2018 to the 2018  
35 subaccount. No carrying charges were recorded on this amount in 2017 and is not seen as a  
36 significant issue as it is just a reclassification between subaccounts.

37 The variance with respect to Account 1568 is discussed further in this application.



1 **CALCULATION OF RATE RIDERS**

2 The following discussion pertains to Rate Riders calculated in the 2019 IRM Rate Model.

3 DEFERRAL/VARIANCE ACCOUNTS

4 GSHI is requesting disposition of its Group 1 Deferral/Variance accounts. GSHI confirms the  
5 accuracy of the pre-populated RRR with respect to consumption that is used to calculate the  
6 rate rider for these accounts. GSHI has also included the GA Analysis Work Form as required by  
7 section 3.2.5.2 of the Filing Requirements as well as responses to the additional questions  
8 included as Appendix A to the GA Analysis Work Form Instructions. A PDF version of the Work  
9 Form is included as **Attachment 3** and the Appendix A responses are included as **Attachment 4**.  
10 A live version of the GA Analysis Work Form has also been submitted as part of this application.

11 ACCOUNT 1568 LRAMVA RATE RIDER

12 Greater Sudbury Hydro's LRAMVA claim for the years 2012 to 2016 is \$668,660, including carrying  
13 charges to the end of 2018. GSHI has attached a PDF of the LRAMVA Work Form Version 3.0 as  
14 **Attachment 5** and has also included a live version of the Work Form with the application.

15 Greater Sudbury Hydro Inc.'s 2013 Cost of Service application EB-2012-0126 settlement included  
16 13.6 GWh and 2,457 kW of savings for the 2013 LRAMVA, allocated to rate classes on the basis  
17 of kWh, similar to the methodology used for CDM. Greater Sudbury's last LRAMVA claim in EB-  
18 2012-0126 included programs up to 2011.

19 Greater Sudbury's CDM activities consist of programs initiated by the Independent Electricity  
20 System Operator (IESO). In this IRM application GSHI is claiming an LRAMVA amount pertaining  
21 to Lost Revenue from 2012 to 2015. Greater Sudbury last made an LRAMVA claim in EB-2012-  
22 0126 for programs up to, and including, 2011. Therefore, Greater Sudbury is entitled to 2012  
23 persistence of IESO CDM program activities from 2011 and 2012 for its lost revenue in 2012,  
24 persistence in 2013 of programs from 2012 and 2013 for its lost revenue in 2013, persistence in  
25 2014 of programs from 2012-2014 for its 2014 lost revenues, 2015 persistence of IESO CDM  
26 program activities from 2012-2015 for its 2015 lost revenues, as well as 2016 persistence of CDM  
27 program activities from 2012-2016 for its lost revenue in 2016. In addition, Greater Sudbury  
28 claims adjustments for previous years verified results up to 2016.

29 In 2012, Greater Sudbury achieved 2,389,491 kWh in energy savings for Residential customers  
30 and 2,757,198 kWh energy savings from the GS < 50 kW class from 2012 programs and 2011  
31 programs persisting into 2012. Demand savings were 4,079 kW for the GS > 50 kW class. Greater  
32 Sudbury did not have an LRAMVA target in 2012. Greater Sudbury's EB-2012-0126 load forecast,  
33 upon which the LRAMVA targets are based, includes 2011 data so persistence of 2011 programs  
34 isn't included beyond 2012.

35 In 2013, Greater Sudbury achieved 3,520,065 kWh below the target for the residential class.  
36 Savings of 952,067 kWh in excess of the target were achieved for GS < 50 kW customers. Demand

1 savings were 5,261 kW above the forecast for GS > 50 kW customers, but 49 kW below the  
2 forecast for the Street Light class.

3 In 2014, Greater Sudbury achieved 615,414 kWh and 1,885,407 kWh in excess of the target for  
4 Residential and GS < 50 kW customers, respectively. Demand savings were 11,637 kW and 79 kW  
5 above the forecast for GS > 50 kW and Street Light classes, respectively.

6 In 2015, Greater Sudbury achieved 3,173,284 kWh and 2,748,764 kWh in excess of the target for  
7 Residential and GS < 50 kW customers, respectively. Demand savings were 20,570 kW and 79 kW  
8 above the forecast for GS > 50 and Street Light classes, respectively.

9 In 2016, Greater Sudbury achieved 7,548,133 kWh and 3,801,602 kWh in excess of the target for  
10 Residential and GS < 50 kW customers, respectively. Demand savings were 27,604 kW above the  
11 target for the GS > 50 kW class, 18 kW for the Sentinel Light class (which had no target) and 79  
12 kW above the forecast for the Street Light class.

13 Consumption and demand figures above are relative to the targets established in EB-2012-0126  
14 and include persistence of prior years and adjustments made in subsequent years up to the 2017  
15 verified results. Greater Sudbury's first year and persisting results are based on the 2011-2014  
16 Final Results Report, Final 2015 Annual Verified Results Report, Final 2016 Annual Verified Results  
17 Report, and adjustments from the Final 2017 Annual Verified Results Report, all provided by the  
18 IESO. Consistent with the OEB's updated policy for LRAM calculations<sup>3</sup>, any savings attributed to  
19 Demand Response have not been included.

20 Carrying charges totaling \$36,503 have been calculated to the end of April 2019 with the OEB's  
21 Approved Deferral and Variance Accounts prescribed interest rates. The Q4 2018 rate has been  
22 assumed for the period of January 2019 to April 2019.

23 Greater Sudbury has not made any adjustments to previously claimed LRAMVA amounts. No  
24 changes have been made to the LRAMVA Work Form, with the exception of the addition of the  
25 "Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program" in 2016. This  
26 program is allocated 100% to the Residential Class.

27 Greater Sudbury's Residential (previously Consumer), Home Assistance, Low Income, and Home  
28 Depot Pilot programs are allocated 100% to the Residential class. The Non-Residential (previously  
29 labeled Commercial & Industrial Programs) are allocated to rate classes based on the energy  
30 savings of projects attributable to each class within the program. For each program in a given  
31 year, total energy savings of projects undertaken by each class are evaluated against the total  
32 energy savings among all classes in that program. This process used project data from the IESO-  
33 provided Final Verified Annual LDC CDM Program Results Project List Generator. A similar method

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<sup>3</sup> *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, dated May 19, 2016

1 was used prior to the Conservation First Framework with data tracked by Greater Sudbury on a  
 2 best-efforts basis. See tab 3-a. Rate Class Allocations for more detail.

3 Adjustments to 2016 results detailed in Greater Sudbury’s Final 2017 Annual Verified Results  
 4 included in the attached Work Form and revisions to 2016 class allocations are responsible for a  
 5 deviation from the \$684,004 amount included in previous RRR filings. The revision was a  
 6 correction to allocations for Retrofit and Audit Funding and a 2016 adjustment to the 2015  
 7 Retrofit allocation. The allocators have been corrected using the methodology described above.  
 8 Overall the corrections caused a reallocation of savings from the consumption-billed GS<50 kW  
 9 class to the GS>50 kW class and caused the LRAMVA claim to decrease by approximately \$40,000.  
 10 This was partly offset by an increase in savings from 2017 adjustments to prior years.

11	Balance Per 2017 RRR 2.1.7	\$684,004
12	2019 Calculated Carrying Charges	16,346
13	Balance Per LRAMVA Work Form	<u>668,660</u>
14	Expected Difference	31,690
15	Difference per Continuity	<u>31,690</u>
16	Unexplained Difference	\$ 0

17  
 18 Greater Sudbury Hydro Inc.’s LRAMVA claim for the years 2012 to 2016 is \$668,660 and  
 19 presented in Table 1 below.

20 **Table 1 - LRAMVA Claim Summary**

Rate Class		2012	2013	2014	2015	2016	Carrying Charges
Residential	Actual	\$29,630	\$28,223	\$78,676	\$111,683	\$137,830	\$5,307
	Forecast	\$0	-\$71,168	-\$71,168	-\$72,335	-\$60,084	
GS < 50 kW	Actual	\$51,008	\$54,662	\$72,134	\$88,976	\$109,133	\$14,528
	Forecast	\$0	-\$37,239	-\$37,442	-\$37,849	-\$38,053	
GS > 50 kW	Actual	\$17,371	\$32,299	\$59,285	\$98,189	\$128,733	\$16,646
	Forecast	\$0	-\$10,142	-\$10,164	-\$10,290	-\$10,329	
USL	Actual	\$0	\$0	\$0	\$0	\$0	\$0
	Forecast	\$0	\$0	\$0	\$0	\$0	
Sentinel Lighting	Actual	\$0	\$0	\$0	\$0	\$226	\$10
	Forecast	\$0	\$0	\$0	\$0	\$0	
Street Lighting	Actual	\$0	\$0	\$333	\$337	\$338	\$12
	Forecast	\$0	-\$261	-\$127	-\$129	-\$129	
Total	Actual	\$98,008	\$115,184	\$210,428	\$299,186	\$376,260	\$36,503
	Forecast	\$0	-\$118,809	-\$118,902	-\$120,603	-\$108,596	
Total Lost Revenue							\$632,156
<b>Total LRAMVA Claim</b>							<b>\$668,660</b>

21

1 Greater Sudbury is proposing to dispose of these amounts over a 1-year period through rate  
 2 riders between May 1<sup>st</sup>, 2019 to April 30<sup>th</sup>, 2020. Table 2 below outlines the proposed disposition.

3 **Table 2 - Proposed Rate Riders**

Rate Class	Billing Unit	Principal	Carrying Charges	Total LRAMVA	Load Forecast	Proposed Rate Rider
Residential	kWh	\$111,287.44	\$5,306.95	\$116,594.39	354,259,333	\$0.0003
GS < 50 kW	kWh	\$225,329.36	\$14,527.68	\$239,857.04	132,255,650	\$0.0018
GS > 50	kW	\$294,951.83	\$16,646.10	\$311,597.93	875,678	\$0.3558
USL	kWh	\$-	\$-	\$-		
Street Lighting	kW	\$226.19	\$9.70	\$235.89	1,137	\$0.2076
Sentinel Lighting	kW	\$362.11	\$12.65	\$374.76	20,884	\$0.0180

4  
 5 **SHARED TAX SAVINGS**

6 As described in the Filing Requirements, Board policy (included in *Supplemental Report of the*  
 7 *Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario’s Electricity Distributors*) prescribes a  
 8 50/50 sharing of impacts of legislated tax changes from distributors’ tax rates embedded in its  
 9 Board approved base rate known at the time of application. The corporation tax rate for the  
 10 2019 year as included in Sheet 8 of the Rate Generator model differs from the tax rate approved  
 11 in GSHI’s 2013 Cost of Service Application.

12 GSHI notes that all rate classes shared tax Rate Riders are calculating as zero, and therefore the  
 13 entire balance of \$31,120 will be transferred to account 1595 for future recovery, as per the Filing  
 14 Requirements.

15 **RETAIL TRANSMISSION SERVICE RATES**

16 GSHI has completed the input fields on Sheet 12 of the Rate Generator model relating to Retail  
 17 Transmission Service Rates (RTSR). GSHI is charged RTSR’s from both the Independent Electricity  
 18 System Operator and Hydro One.

19 As indicated in the Filing Requirements, GSHI understands that the model reflects the most  
 20 recent Uniform Transmission Rates (UTR’s) approved by the Board for 2018 and that Board Staff  
 21 will adjust each distributor’s model when the 2019 UTR’s have been determined.

22  
 23 **PRICE CAP ADJUSTMENT**

24 GSHI has been assigned a Stretch Factor Group of III as per the Pacific Economics Group (PEG)  
 25 report entitled “Empirical Research in Support of Incentive Rate-Setting: 2017 Benchmarking  
 26 Update”. Consistent with this report and the Scorecard issued by the OEB in August 2018, GSHI  
 27 has updated the Rate Generator to reflect the stretch factor group of III. With this data, the Rate  
 28 Generator model has calculated an adjustment of .90% to base distribution rates based on a price  
 29 escalator of 1.20%, less a productivity factor of 0.0% and stretch factor of 0.30%.

1 **PROPOSED RATES AND TARIFF SCHEDULE**

2 GSHI has not included any items in this application that would require an additional Rate Rider  
 3 (e.g ICM) and therefore has not entered any additional proposed Rate Riders.

4 The current iteration of the Proposed Tariff Schedule is included as **Attachment 6**.

5 **BILL IMPACTS**

6 Bill impacts have been prepared for all rate classes at varying consumption levels as appropriate  
 7 for GSHI’s customer base and are included as **Attachment 7**. The Bill Impact have also been  
 8 summarized in Table 3 below.

9 For the Streetlighting class, GSHI has utilized the consumption and demand of a typical bill for its  
 10 Municipality. The impact has been calculated using all connections for the Municipality rather  
 11 than a single connection.

12 **Table 3 – Summary of Bill Impacts**

Customer Class	Volume		Distribution Charges		Delivery Charges		Total Bill	
	kWh	kW	\$ Change	% Change	\$ Change	% Change	\$ Change	% Change
Residential	750		-\$1.22	-3.98%	-\$1.61	-4.11%	-\$1.69	-1.55%
Residential	205		\$1.67	6.37%	\$1.56	5.46%	\$1.64	3.36%
GS<50kW	5000		-\$1.30	-0.92%	-\$2.88	-1.57%	-\$3.03	-0.47%
GS<50kW	2000		-\$0.40	-0.57%	-\$1.03	-1.19%	-\$1.08	-0.40%
GS>50kW	68500	190	-\$174.83	-17.09%	-\$227.88	-10.50%	-\$257.51	-2.19%
USL	397		-\$0.87	-14.17%	-\$1.00	-10.50%	-\$1.13	-2.27%
Street Lighting	507000	1623	-\$1,831.59	-40.94%	-\$2,061.57	-21.81%	-\$2,329.58	-2.93%
Sentinel Lighting	36		-\$0.05	-3.54%	-\$0.07	-3.74%	-\$0.08	-1.30%

13

14 **RESIDENTIAL RATE DESIGN – CLASS EVALUATION & BILL IMPACT**

15 As requested by the OEB in section 3.2.3 of the Filing Requirements, GSHI has evaluated the total  
 16 bill impact for a residential customer at the 10th consumption percentile.

17 In order to derive the 10<sup>th</sup> consumption percentile, GSHI extracted actual billed consumption data  
 18 for 2018 from its billing system for all of its customers classified as residential. GSHI averaged  
 19 each customer’s monthly consumption and sorted by this field in ascending order to tier the data  
 20 into consumption percentiles. Table 4 below summarizes the data.

21

1

**Table 4 – Consumption Percentiles**

Percentile #	Percentile (low to high consumers)	# of Cust in Percentile	Average of Percentile (kWh)	Max Average of Percentile (kWh)	Min Average of Percentile (kWh)
1	1 to 10%	4,231	146.87	216.52	50.17
2	11 to 20%	4,231	210.28	326.29	216.52
3	21 to 30%	4,231	264.64	417.01	326.30
4	31 to 40%	4,231	313.50	503.22	417.02
5	41 to 50%	4,231	360.09	590.58	503.23
6	51 to 60%	4,231	406.95	693.19	590.63
7	61 to 70%	4,231	457.05	828.54	693.22
8	71 to 80%	4,231	515.09	1,026.86	828.55
9	81 to 90%	4,231	590.18	1,407.17	1,026.89
10	91 to 100%	4,231	733.01	17,214.03	1,407.25
		<b>42,310</b>			

2

3 GSHI has attached a bill impact for the 10th consumption percentile, which is a consumption level  
4 at or below 216.52kWh per month (205.43 kWh per month before loss adjustment).

5 **BILL IMPACT FOR 10<sup>th</sup> CONSUMPTION PERCENTILE CUSTOMER**

6 A bill impact for the 10<sup>th</sup> consumption percentile customer was completed (and included in  
7 Attachment 7), which is the average monthly consumption level where 10% of GSHI’s residential  
8 customers consume at or less than this level of consumption on a monthly basis.

9 GSHI notes that the total bill impact for this customer is well below the 10% threshold.

10 **OTHER ITEMS**

11 GSHI is not including any Z-Factor claims as part of this application.

12 GSHI is not including an Incremental Capital Module as part of this application.

13 The Board’s Decision and Rate Order pertaining to GSHI’s 2013 Cost of Service Application (EB-  
14 2012-0126) did not include any phase-in period to adjust the revenue-to-cost ratios as all  
15 revenue-to-cost ratios were within the Board’s identified ranges. As such, no adjustments have  
16 been made as part of this application.

17 **SUMMARY OF CHANGES REQUIRED**

18 The following is a summary of the changes GSHI expects to occur prior to finalization of this Rate  
19 Application. These changes are all discussed throughout the Manager’s Summary.

- 20 1) GSHI expects the OEB to prescribe the recording of the full “Sharing of Tax Amount”  
21 balance of \$31,120 to account 1595 on May 1, 2019.
- 22 2) GSHI understands that the Board will adjust the Rate Model for the 2018 UTR’s.

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2018**  
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EB-2017-0042

## RESIDENTIAL SERVICE CLASSIFICATION

To qualify for residential rates an electrical service shall meet all of the following conditions:

- The electricity shall be intended for and used primarily for a residence in which one or more person(s) reside.
- The electrical service shall be individually metered, no bulk metering allowed.

Residential customers are defined as customers connected as detached, semi-detached or duplex dwelling units. It does not include Residential Rate Class customers in apartments, condominiums, row housing or any other abode that is not a detached, semi-detached or duplex dwelling unit. The definition does not include the installation of primary, transformation and secondary to the hand holes in a new subdivision. All items excluded from the residential rate class definition, as above, shall be treated as general service rate class customers.

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

## APPLICATION

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.07
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0032
Low Voltage Service Rate	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Greater Sudbury Hydro Inc.**  
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EB-2017-0042

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

To qualify for General Service Less Than 50 kW Rates an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall have a peak demand less than 50 kilowatts for seven or more months in any twelve month period.
- New connections will be classified based on the rating, in amperes, of the main switch or sum of main switches.

The General Service Less Than 50 kW Rate Class includes those Residential Rate Class customers that are not in detached, semi-detached or duplex dwelling units. The General Service Rate Class also includes subdivision developments and all General Service Rate Class customers. Further servicing details are available in the distributor's Conditions of Service.

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.

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	22.15
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0191
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### MONTHLY RATES AND CHARGES - Regulatory Component

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



**Greater Sudbury Hydro Inc.**  
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EB-2017-0042

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

To qualify for General Service 50 to 4,999 kW Rates, an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall not qualify as a General Service Less Than 50 kW Rate Class service.
- New customers will be classified based on the rating, in amperes, of the main switch or sum of main switches.

Class A and Class B customers 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.

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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It 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 non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	168.99
Distribution Volumetric Rate	\$/kW	4.3907
Low Voltage Service Rate	\$/kW	0.1027
Retail Transmission Rate - Network Service Rate	\$/kW	3.2855
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7586

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Greater Sudbury Hydro Inc.**  
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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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.

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.24
Distribution Volumetric Rate	\$/kWh	0.0110
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### MONTHLY RATES AND CHARGES - Regulatory Component

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

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EB-2017-0042

## SENTINEL LIGHTING SERVICE CLASSIFICATION

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.02
Distribution Volumetric Rate	\$/kW	12.9144
Low Voltage Service Rate	\$/kW	0.0545
Retail Transmission Rate - Network Service Rate	\$/kW	1.7657
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4823

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Greater Sudbury Hydro Inc.**  
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## **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 Ontario Energy Board 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.

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

Service Charge (per connection)	\$	5.51
Distribution Volumetric Rate	\$/kW	2.7051
Low Voltage Service Rate	\$/kW	0.0515
Retail Transmission Rate - Network Service Rate	\$/kW	1.6678
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4001

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

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

**Greater Sudbury Hydro Inc.**  
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EB-2017-0042

**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**

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**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.40
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**ALLOWANCES**

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

**SPECIFIC SERVICE CHARGES**

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**Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00

**Non-Payment of Account**

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

**Other**

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
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EB-2017-0042

## RETAIL SERVICE CHARGES (if applicable)

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0540
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0434

# Incentive Regulation Model for 2019 Filers

**Quick Link**

 Ontario Energy Board's 2019 Electricity  
Distribution Rates Webpage

Version 2.0

Utility Name	Greater Sudbury Hydro Inc.
Assigned EB Number	EB-2018-0034
Name of Contact and Title	Tijja Luttrell CPA, CA Supervisor Regulatory Affairs
Phone Number	705-675-0514
Email Address	tijja.luttrell@gsuinc.ca
We are applying for rates effective	Wednesday, May 1, 2019
Rate-Setting Method	Price Cap IR
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2018
Please indicate the last Cost of Service Re-Basing Year	2013

**Legend**

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

**Note:**

1. Rate year of application

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

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





# Incentive Regulation Model for 2019 File

## Greater Sudbury Hydro Inc.

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0042

### RESIDENTIAL SERVICE CLASSIFICATION

To qualify for residential rates an electrical service shall meet all of the following conditions:

- The electricity shall be intended for and used primarily for a residence in which one or more person(s) reside.
- The electrical service shall be individually metered, no bulk metering allowed.

Residential customers are defined as customers connected as detached, semi-detached or duplex dwelling units. It does not include Residential Rate Class customers in apartments, condominiums, row housing or any other abode that is not a detached, semi-detached or duplex dwelling unit. The definition does not include the installation of primary, transformation and secondary to the hand holes in a new subdivision. All items excluded from the residential rate class definition, as above, shall be treated as general service rate class customers.

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

### APPLICATION

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Distribution Volumetric Rate	\$/kWh	0.0032
Low Voltage Service Rate	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2019 File

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

To qualify for General Service Less Than 50 kW Rates an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall have a peak demand less than 50 kilowatts for seven or more months in any twelve month period.
- New connections will be classified based on the rating, in amperes, of the main switch or sum of main switches.

The General Service Less Than 50 kW Rate Class includes those Residential Rate Class customers that are not in detached, semi-detached or duplex dwelling units. The General Service Rate Class also includes subdivision developments and all General Service Rate Class customers. Further servicing details are available in the distributor's Conditions of Service.

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	22.15
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0191
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2019 File

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

To qualify for General Service 50 to 4,999 kW Rates, an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall not qualify as a General Service Less Than 50 kW Rate Class service.
- New customers will be classified based on the rating, in amperes, of the main switch or sum of main switches.

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

### APPLICATION

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

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It 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 non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	168.99
Distribution Volumetric Rate	\$/kW	4.3907
Low Voltage Service Rate	\$/kW	0.1027
Retail Transmission Rate - Network Service Rate	\$/kW	3.2855
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7586

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2019 File

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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.

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.24
Distribution Volumetric Rate	\$/kWh	0.0110
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2019 File

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.02
Distribution Volumetric Rate	\$/kW	12.9144
Low Voltage Service Rate	\$/kW	0.0545
Retail Transmission Rate - Network Service Rate	\$/kW	1.7657
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4823

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2019 File

## 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 Ontario Energy Board 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.51
Distribution Volumetric Rate	\$/kW	2.7051
Low Voltage Service Rate	\$/kW	0.0515
Retail Transmission Rate - Network Service Rate	\$/kW	1.6678
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4001

### MONTHLY RATES AND CHARGES - Regulatory Component

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



# Incentive Regulation Model for 2019 File

## microFIT SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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### ALLOWANCES

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

### SPECIFIC SERVICE CHARGES

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

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

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

### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00

### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
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# Incentive Regulation Model for 2019 File

## RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0540
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0434



Account Descriptions	Account Number
<b>Group 1 Accounts</b>	
LV Variance Account	1550
Smart Metering Entity Charge Variance Account	1551
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580
RSVA - Retail Transmission Network Charge	1584
RSVA - Retail Transmission Connection Charge	1586
RSVA - Power <sup>4</sup>	1588
RSVA - Global Adjustment <sup>4</sup>	1589
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595
<b>RSVA - Global Adjustment</b>	<b>1589</b>
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>	
<b>Total Group 1 Balance</b>	
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>
<b>Total including Account 1568</b>	



## 2013

Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
57,667	43,940	15,297		86,310	11	474	443		42
0	27,724			27,724	0	179			179
(3,985,478)	(693,442)	(2,811,744)		(1,867,176)	(98,382)	(40,056)	(104,367)		(34,071)
0				0	0				0
0				0	0				0
545,287	299,632	452,313		392,606	15,308	7,703	19,338		3,673
573,434	485,775	60,505		998,704	216	10,750	17		10,949
(252,363)	2,269	(233,022)		(17,072)	102,832	(130,221)	49,438		(76,827)
1,300,352	339,849	1,418,514		221,687	(66,481)	168,768	14		102,273
0	(4,255)			(4,255)	0	(1,166)			(1,166)
0	588,787	2,722,670		(2,133,883)	0	(200,106)			(200,106)
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
1,300,352	339,849	1,418,514	0	221,687	(66,481)	168,768	14	0	102,273
(3,061,453)	750,430	206,019	0	(2,517,042)	19,985	(352,443)	(35,131)	0	(297,327)
(1,761,101)	1,090,279	1,624,533	0	(2,295,355)	(46,496)	(183,675)	(35,117)	0	(195,054)
(158,164)	98,008	(158,164)		98,008	(4,354)	2,077	(4,354)		2,077
(1,919,265)	1,188,288	1,466,369	0	(2,197,347)	(50,850)	(181,598)	(39,471)	0	(192,977)

## 2014

Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014
86,310	31,143			117,453	42	1,221			1,263
27,724	(9,530)			18,194	179	(803)			(624)
(1,867,176)	(102,853)			(1,970,029)	(34,071)	(21,464)			(55,535)
0				0	0				0
0				0	0				0
392,606	(22,170)			370,436	3,673	6,941			10,614
998,704	244,579			1,243,283	10,949	16,739			27,688
(17,072)	5,768			(11,304)	(76,827)	51,177			(25,650)
221,687	1,022,152			1,243,839	102,273	(59,401)			42,872
(4,255)	(59)			(4,314)	(1,166)	(63)			(1,229)
(2,133,883)	680,586			(1,453,297)	(200,106)	(26,817)			(226,923)
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
221,687	1,022,152	0	0	1,243,839	102,273	(59,401)	0	0	42,872
(2,517,042)	827,464	0	0	(1,689,578)	(297,327)	26,931	0	0	(270,396)
(2,295,355)	1,849,616	0	0	(445,739)	(195,054)	(32,470)	0	0	(227,524)
98,008	(3,625)			94,383	2,077	2,004			4,081
(2,197,347)	1,845,991	0	0	(351,356)	(192,977)	(30,466)	0	0	(223,443)

## 2015

Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015
117,453	140,527			257,980	1,263	1,383			2,646
18,194	(9,231)			8,963	(624)	(453)			(1,077)
(1,970,029)	(1,546,252)			(3,516,281)	(55,535)	(28,578)			(84,113)
0				0	0				0
0				0	0				0
370,436	(247,873)			122,563	10,614	4,771			15,385
1,243,283	(63,044)			1,180,239	27,688	15,414			43,102
(11,304)	(181,136)			(192,440)	(25,650)	(1,062)		25,039	(1,673)
1,243,839	180,675			1,424,514	42,872	15,758		(32,970)	25,660
(4,314)				(4,314)	(1,229)	(51)			(1,280)
(1,453,297)	645,503			(807,794)	(226,923)	(13,723)			(240,646)
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
1,243,839	180,675	0	0	1,424,514	42,872	15,758	0	(32,970)	25,660
(1,689,578)	(1,261,506)	0	0	(2,951,084)	(270,396)	(22,299)	0	25,039	(267,656)
(445,739)	(1,080,831)	0	0	(1,526,570)	(227,524)	(6,541)	0	(7,931)	(241,996)
94,383	91,526			185,909	4,081	3,131			7,212
(351,356)	(989,306)	0	0	(1,340,661)	(223,443)	(3,410)	0	(7,931)	(234,785)

## 2016

Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016
257,980	182,411	117,453		322,938	2,646	2,720	3,089		2,277
8,963	(10,260)	18,194		(19,491)	(1,077)	(173)	(341)		(909)
(3,516,281)	(838,169)	(1,970,029)		(2,384,421)	(84,113)	(27,091)	(86,167)		(25,037)
0				0	0				0
0	(77,605)			(77,605)	0				0
122,563	12,160	370,436		(235,713)	15,385	(1,945)	16,374		(2,934)
1,180,239	137,243	1,243,283		74,199	43,102	5,819	47,019		1,902
(192,440)	101,991	(11,304)		(79,145)	(1,673)	(1,550)	(787)		(2,436)
1,424,514	(217,403)	1,243,839		(36,728)	25,660	(56,699)	29,242	65,973	5,691
(4,314)		(4,314)		0	(1,280)	(17)	(1,297)		0
(807,794)	623,993			(183,801)	(240,646)	(5,460)			(246,106)
0				0	0				0
0				0	0				0
0	(640,267)	(1,007,558)		367,291	0	4,893	(7,132)		12,025
0	31,120			31,120	0				0
0				0	0				0
1,424,514	(217,403)	1,243,839	0	(36,728)	25,660	(56,699)	29,242	65,973	5,691
(2,951,084)	(477,384)	(1,243,839)	0	(2,184,628)	(267,656)	(22,804)	(29,242)	0	(261,218)
(1,526,570)	(694,787)	0	0	(2,221,357)	(241,996)	(79,503)	0	65,973	(255,527)
185,909	178,583			364,492	7,212	5,359			12,571
(1,340,661)	(516,204)	0	0	(1,856,865)	(234,785)	(74,144)	0	65,973	(242,956)

## 2017

Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017
322,938	183,609	140,527		366,020	2,277	3,915	1,611		4,581
(19,491)	(9,344)	(9,231)		(19,604)	(909)	(263)	(872)		(300)
(2,384,421)	(835,688)	(1,546,252)		(1,673,857)	(25,037)	(20,922)	(20,547)		(25,412)
0				0	0				0
(77,605)	(54,325)			(131,930)	0	(1,250)			(1,250)
(235,713)	(181,957)	(247,873)		(169,797)	(2,934)	(1,814)	(4,612)		(136)
74,199	12,908	(63,044)		150,151	1,902	931	(4,838)		7,671
(79,145)	(527,519)	(181,136)		(425,528)	(2,436)	(2,986)	(3,533)		(1,889)
(36,728)	(155,112)	180,675		(372,515)	5,691	(121)	(943)		6,513
0				0	0				0
(183,801)	234,647			50,846	(246,106)	(154)			(246,260)
0				0	0				0
0				0	0				0
367,291	(306,313)			60,978	12,025	1,441			13,466
31,120	1,063,437	1,726,335		(631,778)	0	(10,106)	33,732		(43,838)
0	31,120			31,120	0				0
(36,728)	(155,112)	180,675	0	(372,515)	5,691	(121)	(943)	0	6,513
(2,184,628)	(389,426)	(180,674)	0	(2,393,380)	(261,218)	(31,207)	941	0	(293,367)
(2,221,357)	(544,538)	1	0	(2,765,895)	(255,527)	(31,329)	(2)	0	(286,854)
364,492	267,665	0		632,157	12,571	7,586			20,157
(1,856,865)	(276,873)	1	0	(2,133,738)	(242,956)	(23,743)	(2)	0	(266,697)

2018				Projected Interest on Dec-31-17 Balances				2.1.7 RRR		
Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)	
0	0	366,020	4,581	6,817	2,611	14,009	380,029	370,602	0	
0	0	(19,604)	(300)	(365)	(140)	(805)	(20,409)	(19,905)	(0)	
		(1,673,857)	(25,412)	(31,176)	(11,942)	(68,530)	(1,742,387)	(1,832,449)	(133,180)	
		0	0			0	0	(1,163)	(1,163)	
		(131,930)	(1,250)	(2,457)	(941)	(4,648)	(136,578)	(133,180)	0	
		(169,797)	(136)	(3,162)	(1,211)	(4,509)	(174,306)	(169,933)	(0)	
		150,151	7,671	2,797	1,071	11,539	161,690	157,822	(0)	
		(425,528)	(1,889)	(7,925)	(3,036)	(12,850)	(438,378)	(427,417)	0	
		(372,515)	6,513	(6,938)	(2,658)	(3,083)	(375,598)	(366,003)	(0)	
		0	0			0	<input type="checkbox"/> Check to Dispose of Account	0	0	
		50,846	(246,260)	947	363	(244,950)	<input type="checkbox"/> Check to Dispose of Account	0	(195,414)	
		0	0			0	<input type="checkbox"/> Check to Dispose of Account	0	0	
		0	0			0	<input type="checkbox"/> Check to Dispose of Account	0	0	
		60,978	13,466	1,136	435	15,037	<input type="checkbox"/> Check to Dispose of Account	0	74,445	
		(631,778)	(43,838)	(11,767)	(4,507)	(60,112)	<input type="checkbox"/> Check to Dispose of Account	0	(644,496)	
		31,120	0	580	222	802	<input type="checkbox"/> Check to Dispose of Account	0	(31,120)	
0	0	(372,515)	6,513	(6,938)	(2,658)	(3,083)	(375,598)	(366,003)	(0)	
0	0	(2,393,380)	(293,367)	(44,575)	(17,075)	(355,017)	(1,970,340)	(2,686,747)	(0)	
0	0	(2,765,895)	(286,854)	(51,513)	(19,733)	(358,100)	(2,345,938)	(3,052,749)	(0)	
		632,157	20,157	11,774	4,573	36,503	668,660	684,004	31,690	
0	0	(2,133,738)	(266,697)	(39,739)	(15,160)	(321,596)	(1,677,278)	(2,368,745)	31,690	



# Incentive Regulation Model for 2019 Filers

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

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

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

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please [contact](#) the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	354,259,333	0	11,903,960	0	0	0	354,259,333	0	116,594	42,827
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	132,255,650	0	21,148,523	0	0	0	132,255,650	0	239,857	4,100
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	352,142,097	875,678	288,897,528	696,348	3,624,729	6810	348,517,368	868,868	311,598	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,179,515	0	10,074	0	0	0	1,179,515	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	412,946	1,137	34,755	95	0	0	412,946	1,137	236	
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,471,833	20,884	7,471,833	20,884	0	0	7,471,833	20,884	375	
<b>Total</b>		<b>847,721,374</b>	<b>897,699</b>	<b>329,466,673</b>	<b>717,327</b>	<b>3,624,729</b>	<b>6,810</b>	<b>844,096,645</b>	<b>890,889</b>	<b>668,660</b>	<b>46,927</b>

### Threshold Test

Total Claim (including Account 1568)	(\$1,677,278)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$2,345,938)
Threshold Test (Total claim per kWh) <sup>2</sup>	(\$0.0028)

1568 Account Balance from Continuity Schedule	668,660
Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule	

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

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

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



# Incentive Regulation Model for 2019 Filers

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

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

Rate Class	% of Total kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	41.8%	91.3%	42.0%	158,813	(18,626)	(788,584)	(72,842)	67,570	(183,983)	116,594
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	15.6%	8.7%	15.7%	59,290	(1,783)	(294,402)	(27,194)	25,226	(68,686)	239,857
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	41.5%	0.0%	41.3%	157,863	0	(775,802)	(72,406)	67,166	(181,001)	311,598
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	529	0	(2,626)	(243)	225	(613)	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	185	0	(919)	(85)	79	(214)	236
STREET LIGHTING SERVICE CLASSIFICATION	0.9%	0.0%	0.9%	3,350	0	(16,632)	(1,536)	1,425	(3,880)	375
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>380,029</b>	<b>(20,409)</b>	<b>(1,878,965)</b>	<b>(174,306)</b>	<b>161,690</b>	<b>(438,378)</b>	<b>668,660</b>

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

# Incentive Regulation Model for 2019 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable. Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2017 Consumption excluding WMP kWh	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption) kWh	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh 11,903,960	11,903,960	3.6%	(\$13,571)	-\$0.0011	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh 21,148,523	21,148,523	6.4%	(\$24,110)	-\$0.0011	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh 288,897,528	288,897,528	87.7%	(\$329,349)	-\$0.0011	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh 10,074	10,074	0.0%	(\$11)	-\$0.0011	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh 34,755	34,755	0.0%	(\$40)	-\$0.0012	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh 7,471,833	7,471,833	2.3%	(\$8,518)	-\$0.0011	kWh
<b>Total</b>	329,466,673	329,466,673	100.0%	(\$375,599)		

# Incentive Regulation Model for 2019 Filers

**Input required at cells C13 and C14.** This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	Revenue Reconciliation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	354,259,333	0	354,259,333	0	(837,653)		(0.0024)	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	132,255,650	0	132,255,650	0	(307,550)		(0.0023)	0.0000	0.0018	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	352,142,097	875,678	348,517,368	868,868	152,623	(956,803)	0.1743	(1.1012)	0.3558	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,179,515	0	1,179,515	0	(2,727)		(0.0023)	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	412,946	1,137	412,946	1,137	(955)		(0.8397)	0.0000	0.2076	
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,471,833	20,884	7,471,833	20,884	(17,274)		(0.8272)	0.0000	0.0180	
											(1,979,520.03)

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

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



# Incentive Regulation Model for 2019 Filers

## Summary - Sharing of Tax Change Forecast Amounts

For the 2013 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

14,147

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

	2013	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	\$ 88,984,399	\$ 88,984,399
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 88,984,399	\$ 88,984,399
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

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

Regulatory Taxable Income	\$ 1,522,471	\$ 1,522,471
Corporate Tax Rate	24.20%	26.50%
Tax Impact	\$ 354,308	\$ 389,308
<b>Grossed-up Tax Amount</b>	\$ 467,431	\$ 529,670
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 467,431	\$ 529,670
Total Tax Related Amounts	\$ 467,431	\$ 529,670
Incremental Tax Savings		\$ 62,239
<b>Sharing of Tax Amount (50%)</b>		<b>\$ 31,120</b>

# Incentive Regulation Model for 2019 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	42,512	402,126,214		15.79	0.0121	0.0000	8,055,174	4,865,727	0	12,920,901	62.3%	37.7%	0.0%	57.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	4,061	142,890,815		21.09	0.0185	0.0000	1,027,758	2,643,480	0	3,671,238	28.0%	72.0%	0.0%	16.4%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	531	388,576,753	969,035	160.96	0.0000	4.1821	1,025,637	0	4,052,601	5,078,238	20.2%	0.0%	79.8%	22.7%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	345	1,443,337		6.90	0.0105	0.0000	28,566	15,155	0	43,721	65.3%	34.7%	0.0%	0.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	436	462,466	1,285	3.84	0.0000	12.3008	20,091	0	15,807	35,897	56.0%	0.0%	44.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	9,578	8,016,815	22,580	5.25	0.0000	2.5766	603,414	0	58,180	661,594	91.2%	0.0%	8.8%	3.0%
<b>Total</b>		<b>57,463</b>	<b>943,516,400</b>	<b>992,900</b>				<b>10,760,640</b>	<b>7,524,362</b>	<b>4,126,587</b>	<b>22,411,589</b>				<b>100.0%</b>

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	354,259,333		17,941	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	132,255,650		5,098	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	352,142,097	875,678	7,051	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,179,515		61	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	412,946	1,137	50	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,471,833	20,884	919	0.0000	kW
<b>Total</b>		<b>847,721,374</b>	<b>897,699</b>	<b>\$31,120</b>		

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

# Incentive Regulation Model for 2019 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	354,259,333	0	1.0540	373,389,337
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	354,259,333	0	1.0540	373,389,337
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044	132,255,650	0	1.0540	139,397,455
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	132,255,650	0	1.0540	139,397,455
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2855	352,142,097	875,678		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7586	352,142,097	875,678		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044	1,179,515	0	1.0540	1,243,209
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	1,179,515	0	1.0540	1,243,209
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7657	412,946	1,137		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4823	412,946	1,137		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6678	7,471,833	20,884		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4001	7,471,833	20,884		

# Incentive Regulation Model for 2019 Filers

Uniform Transmission Rates		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.5203
If needed, add extra host here. (I)		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
If needed, add extra host here. (II)		Unit	2017	2018	2019
<b>Rate Description</b>			<b>Rate</b>	<b>Rate</b>	<b>Rate</b>
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -
<b>Low Voltage Switchgear Credit (if applicable, enter as a negative value)</b>		\$	<b>Historical 2017</b>	<b>Current 2018</b>	<b>Forecast 2019</b>



# Incentive Regulation Model for 2019 Filers

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

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	127,640	\$3.66	\$ 467,164	62,148	\$0.87	\$ 54,069	136,725	\$2.02	\$ 276,185				\$ 330,254
February	131,784	\$3.66	\$ 482,331	59,908	\$0.87	\$ 52,120	133,997	\$2.02	\$ 270,674				\$ 322,794
March	124,568	\$3.66	\$ 455,882	59,659	\$0.87	\$ 51,903	130,554	\$2.02	\$ 263,720				\$ 315,623
April	120,828	\$3.66	\$ 442,230	49,674	\$0.87	\$ 43,216	136,234	\$2.02	\$ 275,192				\$ 318,408
May	89,173	\$3.66	\$ 326,373	35,974	\$0.87	\$ 31,297	103,963	\$2.02	\$ 210,005				\$ 241,302
June	101,403	\$3.66	\$ 371,135	42,442	\$0.87	\$ 36,925	109,318	\$2.02	\$ 220,822				\$ 257,747
July	102,435	\$3.66	\$ 374,912	53,656	\$0.87	\$ 46,681	118,332	\$2.02	\$ 239,031				\$ 285,712
August	105,537	\$3.66	\$ 386,265	50,499	\$0.87	\$ 43,934	117,948	\$2.02	\$ 238,255				\$ 282,189
September	112,798	\$3.66	\$ 412,840	45,771	\$0.87	\$ 39,811	121,149	\$2.02	\$ 244,724				\$ 284,535
October	92,228	\$3.66	\$ 337,555	48,851	\$0.87	\$ 42,500	108,504	\$2.02	\$ 219,178				\$ 261,678
November	123,046	\$3.52	\$ 433,122	58,321	\$0.88	\$ 51,322	125,163	\$2.13	\$ 266,617				\$ 317,939
December	140,107	\$3.52	\$ 493,178	76,511	\$0.88	\$ 67,330	156,676	\$2.13	\$ 333,720				\$ 401,050
<b>Total</b>	<b>1,371,537</b>	<b>\$ 3.63</b>	<b>\$ 4,982,987</b>	<b>643,414</b>	<b>\$ 0.87</b>	<b>\$ 561,108</b>	<b>1,498,563</b>	<b>\$ 2.04</b>	<b>\$ 3,058,123</b>				<b>\$ 3,619,231</b>
Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	19,426	\$3.1942	\$ 62,051	15,945	\$0.7710	\$ 12,293	20,664	\$1.7493	\$ 36,147				\$ 48,440
February	17,906	\$3.1942	\$ 57,195	13,824	\$0.7710	\$ 10,658	17,946	\$1.7493	\$ 31,392				\$ 42,050
March	16,913	\$3.1942	\$ 54,025	13,158	\$0.7710	\$ 10,145	17,305	\$1.7493	\$ 30,272				\$ 40,417
April	14,087	\$3.1942	\$ 44,995	11,091	\$0.7710	\$ 8,551	14,225	\$1.7493	\$ 24,884				\$ 32,435
May	12,762	\$3.1942	\$ 40,764	10,021	\$0.7710	\$ 7,726	12,793	\$1.7493	\$ 22,379				\$ 30,105
June	12,507	\$3.1942	\$ 39,951	9,731	\$0.7710	\$ 7,502	12,616	\$1.7493	\$ 22,069				\$ 29,572
July	13,559	\$3.1942	\$ 43,310	10,600	\$0.7710	\$ 8,172	13,575	\$1.7493	\$ 23,748				\$ 31,920
August	13,481	\$3.1942	\$ 43,062	10,780	\$0.7710	\$ 8,312	13,856	\$1.7493	\$ 24,239				\$ 32,551
September	14,534	\$3.1942	\$ 46,423	11,280	\$0.7710	\$ 8,697	14,886	\$1.7493	\$ 26,039				\$ 34,736
October	12,570	\$3.1942	\$ 40,151	9,831	\$0.7710	\$ 7,579	13,024	\$1.7493	\$ 22,783				\$ 30,363
November	16,774	\$3.1942	\$ 53,578	12,983	\$0.7710	\$ 10,010	16,994	\$1.7493	\$ 29,727				\$ 39,737
December	20,679	\$3.1942	\$ 66,054	16,059	\$0.7710	\$ 12,382	20,889	\$1.7493	\$ 36,542				\$ 48,923
<b>Total</b>	<b>185,198</b>	<b>\$ 3.1942</b>	<b>\$ 591,558</b>	<b>145,303</b>	<b>\$ 0.7710</b>	<b>\$ 112,027</b>	<b>188,774</b>	<b>\$ 1.7493</b>	<b>\$ 330,222</b>				<b>\$ 442,249</b>
Add Extra Host Here (I) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
February		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
March		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
April		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
May		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
June		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
July		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
August		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
September		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
October		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
November		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
December		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Add Extra Host Here (II) (if needed)				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
February		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
March		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
April		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
May		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
June		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
July		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
August		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
September		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
October		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
November		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
December		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total</b>				<b>Network</b>			<b>Line Connection</b>			<b>Transformation Connection</b>			<b>Total Connection</b>
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	147,066	\$ 3.5985	\$ 529,215	78,093	\$ 0.8498	\$ 66,362	157,389	\$ 1.9845	\$ 312,332				\$ 378,694
February	149,690	\$ 3.6043	\$ 539,526	73,732	\$ 0.8514	\$ 62,778	151,943	\$ 1.9880	\$ 302,066				\$ 364,844
March	141,471	\$ 3.6043	\$ 509,907	72,817	\$ 0.8521	\$ 62,048	147,859	\$ 1.9883	\$ 293,992				\$ 356,040
April	134,915	\$ 3.6114	\$ 487,225	60,765	\$ 0.8519	\$ 51,767	150,459	\$ 1.9944	\$ 300,076				\$ 351,843
May	101,935	\$ 3.6017	\$ 367,137	45,995	\$ 0.8484	\$ 39,023	116,756	\$ 1.9903	\$ 232,384				\$ 271,407
June	113,910	\$ 3.6089	\$ 411,086	52,173	\$ 0.8515	\$ 44,427	121,934	\$ 1.9920	\$ 242,891				\$ 287,319
July	115,994	\$ 3.6056	\$ 418,222	64,256	\$ 0.8537	\$ 54,853	131,907	\$ 1.9921	\$ 262,779				\$ 317,632
August	119,018	\$ 3.6072	\$ 429,327	61,279	\$ 0.8526	\$ 52,246	131,804	\$ 1.9915	\$ 262,494				\$ 314,740
September	127,332	\$ 3.6068	\$ 459,263	57,051	\$ 0.8503	\$ 48,508	136,035	\$ 1.9904	\$ 270,763				\$ 319,271
October	104,798	\$ 3.6041	\$ 377,706	58,682	\$ 0.8534	\$ 50,079	121,528	\$ 1.9910	\$ 241,961				\$ 292,041
November	139,820	\$ 3.4809	\$ 486,700	71,304	\$ 0.8601	\$ 61,332	142,157	\$ 2.0846	\$ 296,344				\$ 357,676
December	160,786	\$ 3.4781	\$ 559,232	92,570	\$ 0.8611	\$ 79,712	177,565	\$ 2.0852	\$ 370,262				\$ 449,973
<b>Total</b>	<b>1,556,735</b>	<b>\$ 3.58</b>	<b>\$ 5,574,545</b>	<b>788,717</b>	<b>\$ 0.85</b>	<b>\$ 673,135</b>	<b>1,687,337</b>	<b>\$ 2.01</b>	<b>\$ 3,388,345</b>				<b>\$ 4,061,480</b>
													Low Voltage Switchgear Credit (if applicable)
													\$ -
													<b>Total including deduction for Low Voltage Switchgear Credit</b>
													\$ 4,061,480

# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 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	127,640	\$ 3.6100	\$ 460,780	62,148	\$ 0.9500	\$ 59,041	136,725	\$ 2.3400	\$ 319,937	\$ 378,977
February	131,784	\$ 3.6100	\$ 475,740	59,908	\$ 0.9500	\$ 56,913	133,997	\$ 2.3400	\$ 313,553	\$ 370,466
March	124,558	\$ 3.6100	\$ 449,654	59,659	\$ 0.9500	\$ 56,676	130,554	\$ 2.3400	\$ 305,496	\$ 362,172
April	120,828	\$ 3.6100	\$ 436,189	49,674	\$ 0.9500	\$ 47,190	136,234	\$ 2.3400	\$ 318,788	\$ 365,978
May	89,173	\$ 3.6100	\$ 321,915	35,974	\$ 0.9500	\$ 34,175	103,963	\$ 2.3400	\$ 243,273	\$ 277,449
June	101,403	\$ 3.6100	\$ 366,065	42,442	\$ 0.9500	\$ 40,320	109,318	\$ 2.3400	\$ 255,804	\$ 296,124
July	102,435	\$ 3.6100	\$ 369,790	53,656	\$ 0.9500	\$ 50,973	118,332	\$ 2.3400	\$ 276,897	\$ 327,870
August	105,537	\$ 3.6100	\$ 380,989	50,499	\$ 0.9500	\$ 47,974	117,948	\$ 2.3400	\$ 275,998	\$ 323,972
September	112,798	\$ 3.6100	\$ 407,201	45,771	\$ 0.9500	\$ 43,482	121,149	\$ 2.3400	\$ 283,489	\$ 326,971
October	92,228	\$ 3.6100	\$ 332,943	48,851	\$ 0.9500	\$ 46,408	108,504	\$ 2.3400	\$ 253,899	\$ 300,308
November	123,046	\$ 3.6100	\$ 444,196	58,321	\$ 0.9500	\$ 55,405	125,163	\$ 2.3400	\$ 292,881	\$ 348,286
December	140,107	\$ 3.6100	\$ 505,786	76,511	\$ 0.9500	\$ 72,685	156,676	\$ 2.3400	\$ 366,622	\$ 439,307
<b>Total</b>	<b>1,371,537</b>	<b>\$ 3.61</b>	<b>\$ 4,951,249</b>	<b>643,414</b>	<b>\$ 0.95</b>	<b>\$ 611,243</b>	<b>1,498,563</b>	<b>\$ 2.34</b>	<b>\$ 3,506,637</b>	<b>\$ 4,117,881</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	19,426	\$ 3.1942	\$ 62,051	15,945	\$ 0.7710	\$ 12,294	20,664	\$ 1.7493	\$ 36,148	\$ 48,441
February	17,906	\$ 3.1942	\$ 57,195	13,824	\$ 0.7710	\$ 10,658	17,946	\$ 1.7493	\$ 31,393	\$ 42,051
March	16,913	\$ 3.1942	\$ 54,025	13,158	\$ 0.7710	\$ 10,145	17,305	\$ 1.7493	\$ 30,272	\$ 40,417
April	14,087	\$ 3.1942	\$ 44,995	11,091	\$ 0.7710	\$ 8,551	14,225	\$ 1.7493	\$ 24,884	\$ 33,435
May	12,762	\$ 3.1942	\$ 40,764	10,021	\$ 0.7710	\$ 7,726	12,793	\$ 1.7493	\$ 22,379	\$ 30,105
June	12,507	\$ 3.1942	\$ 39,951	9,731	\$ 0.7710	\$ 7,502	12,616	\$ 1.7493	\$ 22,069	\$ 29,572
July	13,559	\$ 3.1942	\$ 43,310	10,600	\$ 0.7710	\$ 8,172	13,575	\$ 1.7493	\$ 23,748	\$ 31,920
August	13,481	\$ 3.1942	\$ 43,062	10,780	\$ 0.7710	\$ 8,312	13,856	\$ 1.7493	\$ 24,239	\$ 32,551
September	14,534	\$ 3.1942	\$ 46,423	11,280	\$ 0.7710	\$ 8,697	14,886	\$ 1.7493	\$ 26,039	\$ 34,736
October	12,570	\$ 3.1942	\$ 40,151	9,831	\$ 0.7710	\$ 7,579	13,024	\$ 1.7493	\$ 22,783	\$ 30,363
November	16,774	\$ 3.1942	\$ 53,578	12,983	\$ 0.7710	\$ 10,010	16,994	\$ 1.7493	\$ 29,727	\$ 39,737
December	20,679	\$ 3.1942	\$ 66,054	16,059	\$ 0.7710	\$ 12,382	20,889	\$ 1.7493	\$ 36,542	\$ 48,923
<b>Total</b>	<b>185,198</b>	<b>\$ 3.19</b>	<b>\$ 591,560</b>	<b>145,303</b>	<b>\$ 0.77</b>	<b>\$ 112,028</b>	<b>188,774</b>	<b>\$ 1.75</b>	<b>\$ 330,223</b>	<b>\$ 442,251</b>

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

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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	147,066	\$ 3.5551	\$ 522,831	78,093	\$ 0.9135	\$ 71,334	157,389	\$ 2.2624	\$ 356,084	\$ 427,418
February	149,690	\$ 3.5603	\$ 532,936	73,732	\$ 0.9164	\$ 67,571	151,943	\$ 2.2702	\$ 344,946	\$ 412,517
March	141,471	\$ 3.5603	\$ 503,679	72,817	\$ 0.9177	\$ 66,821	147,859	\$ 2.2709	\$ 335,769	\$ 402,590
April	134,915	\$ 3.5666	\$ 481,185	60,765	\$ 0.9173	\$ 55,742	150,459	\$ 2.2842	\$ 343,671	\$ 399,413
May	101,935	\$ 3.5579	\$ 362,679	45,995	\$ 0.9110	\$ 41,902	116,756	\$ 2.2753	\$ 265,653	\$ 307,554
June	113,910	\$ 3.5643	\$ 406,016	52,173	\$ 0.9166	\$ 47,822	121,934	\$ 2.2789	\$ 277,874	\$ 325,696
July	115,994	\$ 3.5614	\$ 413,100	64,256	\$ 0.9205	\$ 59,146	131,907	\$ 2.2792	\$ 300,644	\$ 359,790
August	119,018	\$ 3.5629	\$ 424,051	61,279	\$ 0.9185	\$ 56,286	131,804	\$ 2.2779	\$ 300,237	\$ 356,523
September	127,332	\$ 3.5625	\$ 453,624	57,051	\$ 0.9146	\$ 52,179	136,035	\$ 2.2754	\$ 309,528	\$ 361,707
October	104,798	\$ 3.5601	\$ 373,094	58,682	\$ 0.9200	\$ 53,988	121,528	\$ 2.2767	\$ 276,683	\$ 330,671
November	139,820	\$ 3.5601	\$ 497,774	71,304	\$ 0.9174	\$ 65,415	142,157	\$ 2.2694	\$ 322,608	\$ 388,023
December	160,786	\$ 3.5565	\$ 571,841	92,570	\$ 0.9189	\$ 85,067	177,565	\$ 2.2705	\$ 403,164	\$ 488,231
<b>Total</b>	<b>1,556,735</b>	<b>\$ 3.56</b>	<b>\$ 5,542,808</b>	<b>788,717</b>	<b>\$ 0.92</b>	<b>\$ 723,272</b>	<b>1,687,337</b>	<b>\$ 2.27</b>	<b>\$ 3,836,860</b>	<b>\$ 4,560,132</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,560,132

# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	127,640	\$ 3.6100	\$ 460,780	62,148	\$ 0.9500	\$ 59,041	136,725	\$ 2.3400	\$ 319,937				\$ 378,977
February	131,784	\$ 3.6100	\$ 475,740	59,908	\$ 0.9500	\$ 56,913	133,997	\$ 2.3400	\$ 313,553				\$ 370,466
March	124,558	\$ 3.6100	\$ 449,654	59,659	\$ 0.9500	\$ 56,676	130,554	\$ 2.3400	\$ 305,496				\$ 362,172
April	120,828	\$ 3.6100	\$ 436,189	49,674	\$ 0.9500	\$ 47,190	136,234	\$ 2.3400	\$ 318,788				\$ 365,978
May	89,173	\$ 3.6100	\$ 321,915	35,974	\$ 0.9500	\$ 34,175	103,963	\$ 2.3400	\$ 243,273				\$ 277,449
June	101,403	\$ 3.6100	\$ 366,065	42,442	\$ 0.9500	\$ 40,320	109,318	\$ 2.3400	\$ 255,804				\$ 296,124
July	102,435	\$ 3.6100	\$ 369,790	53,656	\$ 0.9500	\$ 50,973	118,332	\$ 2.3400	\$ 276,897				\$ 327,870
August	105,537	\$ 3.6100	\$ 380,989	50,499	\$ 0.9500	\$ 47,974	117,948	\$ 2.3400	\$ 275,998				\$ 323,972
September	112,798	\$ 3.6100	\$ 407,201	45,771	\$ 0.9500	\$ 43,482	121,149	\$ 2.3400	\$ 283,489				\$ 326,971
October	92,228	\$ 3.6100	\$ 332,943	48,851	\$ 0.9500	\$ 46,408	108,504	\$ 2.3400	\$ 253,899				\$ 300,308
November	123,046	\$ 3.6100	\$ 444,196	58,321	\$ 0.9500	\$ 55,405	125,163	\$ 2.3400	\$ 292,881				\$ 348,286
December	140,107	\$ 3.6100	\$ 505,786	76,511	\$ 0.9500	\$ 72,685	156,676	\$ 2.3400	\$ 366,622				\$ 439,307
<b>Total</b>	<b>1,371,537</b>	<b>\$ 3.61</b>	<b>\$ 4,951,249</b>	<b>643,414</b>	<b>\$ 0.95</b>	<b>\$ 611,243</b>	<b>1,498,563</b>	<b>\$ 2.34</b>	<b>\$ 3,506,637</b>				<b>\$ 4,117,881</b>

  

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	19,426	\$ 3.1942	\$ 62,051	15,945	\$ 0.7710	\$ 12,294	20,664	\$ 1.7493	\$ 36,148				\$ 48,441
February	17,906	\$ 3.1942	\$ 57,195	13,824	\$ 0.7710	\$ 10,658	17,946	\$ 1.7493	\$ 31,393				\$ 42,051
March	16,913	\$ 3.1942	\$ 54,025	13,158	\$ 0.7710	\$ 10,145	17,305	\$ 1.7493	\$ 30,272				\$ 40,417
April	14,087	\$ 3.1942	\$ 44,995	11,091	\$ 0.7710	\$ 8,551	14,225	\$ 1.7493	\$ 24,884				\$ 33,435
May	12,762	\$ 3.1942	\$ 40,764	10,021	\$ 0.7710	\$ 7,726	12,793	\$ 1.7493	\$ 22,379				\$ 30,105
June	12,507	\$ 3.1942	\$ 39,951	9,731	\$ 0.7710	\$ 7,502	12,616	\$ 1.7493	\$ 22,069				\$ 29,572
July	13,559	\$ 3.1942	\$ 43,310	10,600	\$ 0.7710	\$ 8,172	13,575	\$ 1.7493	\$ 23,748				\$ 31,920
August	13,481	\$ 3.1942	\$ 43,062	10,780	\$ 0.7710	\$ 8,312	13,856	\$ 1.7493	\$ 24,239				\$ 32,551
September	14,534	\$ 3.1942	\$ 46,423	11,280	\$ 0.7710	\$ 8,697	14,886	\$ 1.7493	\$ 26,039				\$ 34,736
October	12,570	\$ 3.1942	\$ 40,151	9,831	\$ 0.7710	\$ 7,579	13,024	\$ 1.7493	\$ 22,783				\$ 30,363
November	16,774	\$ 3.1942	\$ 53,578	12,983	\$ 0.7710	\$ 10,010	16,994	\$ 1.7493	\$ 29,727				\$ 39,737
December	20,679	\$ 3.1942	\$ 66,054	16,059	\$ 0.7710	\$ 12,382	20,889	\$ 1.7493	\$ 36,542				\$ 48,923
<b>Total</b>	<b>185,198</b>	<b>\$ 3.19</b>	<b>\$ 591,560</b>	<b>145,303</b>	<b>\$ 0.77</b>	<b>\$ 112,028</b>	<b>188,774</b>	<b>\$ 1.75</b>	<b>\$ 330,223</b>				<b>\$ 442,251</b>

  

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

  

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

  

Total				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	147,066	\$ 3.56	\$ 522,831	78,093	\$ 0.91	\$ 71,334	157,389	\$ 2.26	\$ 356,084				\$ 427,418
February	149,690	\$ 3.56	\$ 532,936	73,732	\$ 0.92	\$ 67,571	151,943	\$ 2.27	\$ 344,946				\$ 412,517
March	141,471	\$ 3.56	\$ 503,679	72,817	\$ 0.92	\$ 66,821	147,859	\$ 2.27	\$ 335,769				\$ 402,590
April	134,915	\$ 3.57	\$ 481,185	60,765	\$ 0.92	\$ 55,742	150,459	\$ 2.28	\$ 343,671				\$ 399,413
May	101,935	\$ 3.56	\$ 362,679	45,995	\$ 0.91	\$ 41,902	116,756	\$ 2.28	\$ 265,653				\$ 307,554
June	113,910	\$ 3.56	\$ 406,016	52,173	\$ 0.92	\$ 47,822	121,934	\$ 2.28	\$ 277,874				\$ 325,696
July	115,994	\$ 3.56	\$ 413,100	64,256	\$ 0.92	\$ 59,146	131,907	\$ 2.28	\$ 300,644				\$ 359,790
August	119,018	\$ 3.56	\$ 424,051	61,279	\$ 0.92	\$ 56,286	131,804	\$ 2.28	\$ 300,237				\$ 356,523
September	127,332	\$ 3.56	\$ 453,624	57,051	\$ 0.91	\$ 52,179	136,035	\$ 2.28	\$ 309,528				\$ 361,707
October	104,798	\$ 3.56	\$ 373,094	58,682	\$ 0.92	\$ 53,988	121,528	\$ 2.28	\$ 276,683				\$ 330,671
November	139,820	\$ 3.56	\$ 497,774	71,304	\$ 0.92	\$ 65,415	142,157	\$ 2.27	\$ 322,608				\$ 388,023
December	160,786	\$ 3.56	\$ 571,841	92,570	\$ 0.92	\$ 85,067	177,565	\$ 2.27	\$ 403,164				\$ 488,231
<b>Total</b>	<b>1,556,735</b>	<b>\$ 3.56</b>	<b>\$ 5,542,808</b>	<b>788,717</b>	<b>\$ 0.92</b>	<b>\$ 723,272</b>	<b>1,687,337</b>	<b>\$ 2.27</b>	<b>\$ 3,836,860</b>				<b>\$ 4,560,132</b>

  

<b>Low Voltage Switchgear Credit (if applicable)</b>	\$	-
<b>Total including deduction for Low Voltage Switchgear Credit</b>	\$	<b>4,560,132</b>

# Incentive Regulation Model for 2019 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	373,389,337	0	2,202,997	38.4%	2,128,913	0.0057
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044	139,397,455	0	613,349	10.7%	592,722	0.0043
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2855		875,678	2,877,040	50.2%	2,780,288	3.1750
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044	1,243,209	0	5,470	0.1%	5,286	0.0043
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7657		1,137	2,008	0.0%	1,940	1.7063
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6678		20,884	34,830	0.6%	33,659	1.6117

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	0.0051	373,389,337	0	1,904,286	39.2%	1,787,833	0.0048
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	139,397,455	0	501,831	10.3%	471,142	0.0034
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7586		875,678	2,415,645	49.7%	2,267,921	2.5899
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	1,243,209	0	4,476	0.1%	4,202	0.0034
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4823		1,137	1,685	0.0%	1,582	1.3917
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4001		20,884	29,240	0.6%	27,452	1.3145

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057	373,389,337	0	2,128,913	38.4%	2,128,913	<b>0.0057</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043	139,397,455	0	592,722	10.7%	592,722	<b>0.0043</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.1750		875,678	2,780,288	50.2%	2,780,288	<b>3.1750</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043	1,243,209	0	5,286	0.1%	5,286	<b>0.0043</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7063		1,137	1,940	0.0%	1,940	<b>1.7063</b>
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.6117		20,884	33,659	0.6%	33,659	<b>1.6117</b>

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	373,389,337	0	1,787,833	39.2%	1,787,833	<b>0.0048</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034	139,397,455	0	471,142	10.3%	471,142	<b>0.0034</b>
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5899		875,678	2,267,921	49.7%	2,267,921	<b>2.5899</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034	1,243,209	0	4,202	0.1%	4,202	<b>0.0034</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3917		1,137	1,582	0.0%	1,582	<b>1.3917</b>
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3145		20,884	27,452	0.6%	27,452	<b>1.3145</b>

# Incentive Regulation Model for 2019 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.20%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	42,512	Effective Year of Residential Rate Design Transition (yyyy)	2016
<b>Choose Stretch Factor Group</b>	III	Price Cap Index	<b>0.90%</b>	Billed kWh for Residential Class (approved in the last CoS)	402,126,214	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.30%			Rate Design Transition Years Left	1		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	24.07		0.0032		0.90%	26.83	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	22.15		0.0191		0.90%	22.35	0.0193
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	168.99		4.3907		0.90%	170.51	4.4302
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	7.24		0.011		0.90%	7.31	0.0111
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.02		12.9144		0.90%	4.06	13.0306
STREET LIGHTING SERVICE CLASSIFICATION	5.51		2.7051		0.90%	5.56	2.7294
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition	Current MFC	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	24.0700	12,279,166	90.5%	9.5%	2.52	100.0%	26.59	13,564,729
Current Residential Variable Rate (inclusive of R/C adj.)	0.0032	1,286,804	9.5%			0.0%	0.0000	0
		<u>13,565,970</u>						<u>13,564,729</u>

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



# Incentive Regulation Model for 2019 Filers

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

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

#### Time-of-Use RPP Prices

As of		May 1, 2018
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

#### Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	\$/kWh	0.0000
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#### Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
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**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2018-0034

## RESIDENTIAL SERVICE CLASSIFICATION

To qualify for residential rates an electrical service shall meet all of the following conditions:

- The electricity shall be intended for and used primarily for a residence in which one or more person(s) reside.
- The electrical service shall be individually metered, no bulk metering allowed.

Residential customers are defined as customers connected as detached, semi-detached or duplex dwelling units. It does not include Residential Rate Class customers in apartments, condominiums, row housing or any other abode that is not a detached, semi-detached or duplex dwelling unit. The definition does not include the installation of primary, transformation and secondary to the hand holes in a new subdivision. All items excluded from the residential rate class definition, as above, shall be treated as general service rate class customers.

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

## APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	26.83
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

### MONTHLY RATES AND CHARGES - Regulatory Component

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



**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
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Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	<b>EB-2018-0034</b> 0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2018-0034

## GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

To qualify for General Service Less Than 50 kW Rates an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall have a peak demand less than 50 kilowatts for seven or more months in any twelve month period.
- New connections will be classified based on the rating, in amperes, of the main switch or sum of main switches.

The General Service Less Than 50 kW Rate Class includes those Residential Rate Class customers that are not in detached, semi-detached or duplex dwelling units. The General Service Rate Class also includes subdivision developments and all General Service Rate Class customers. Further servicing details are available in the distributor's Conditions of Service.

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	22.35
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0193
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0023)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

### MONTHLY RATES AND CHARGES - Regulatory Component

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
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**EB-2018-0034**

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

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2018-0034

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

To qualify for General Service 50 to 4,999 kW Rates, an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall not qualify as a General Service Less Than 50 kW Rate Class service.
- New customers will be classified based on the rating, in amperes, of the main switch or sum of main switches.

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

### APPLICATION

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

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It 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 non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	170.51
Distribution Volumetric Rate	\$/kW	4.4302
Low Voltage Service Rate	\$/kW	0.1027
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.3558
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.1012)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.1743
Retail Transmission Rate - Network Service Rate	\$/kW	3.1750

**Greater Sudbury Hydro Inc.**  
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Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5899
<b>MONTHLY RATES AND CHARGES - Regulatory Component</b>		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**Greater Sudbury Hydro Inc.**  
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EB-2018-0034

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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.

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

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.31
Distribution Volumetric Rate	\$/kWh	0.0111
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0023)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

### MONTHLY RATES AND CHARGES - Regulatory Component

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

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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.06
Distribution Volumetric Rate	\$/kW	13.0306
Low Voltage Service Rate	\$/kW	0.0545
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.2076
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.8397)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3917

### MONTHLY RATES AND CHARGES - Regulatory Component

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

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## 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 Ontario Energy Board 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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.56
Distribution Volumetric Rate	\$/kW	2.7294
Low Voltage Service Rate	\$/kW	0.0515
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.0180
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.8272)
Retail Transmission Rate - Network Service Rate	\$/kW	1.6117
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3145

### MONTHLY RATES AND CHARGES - Regulatory Component

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



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## microFIT SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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### ALLOWANCES

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

### SPECIFIC SERVICE CHARGES

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

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

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#### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00

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Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

**Other**

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
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**RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

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

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

**LOSS FACTORS**

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0540
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0434





Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.07	1	\$ 24.07	\$ 26.83	1	\$ 26.83	\$ 2.76	11.47%
Distribution Volumetric Rate	\$ 0.0032	750	\$ 2.40	\$ -	750	\$ -	\$ (2.40)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26.47</b>			<b>\$ 27.06</b>	<b>\$ 0.59</b>	<b>2.21%</b>
Line Losses on Cost of Power	\$ 0.0820	41	\$ 3.32	\$ 0.0820	41	\$ 3.32	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0024	750	\$ (1.80)	\$ (1.80)	-
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0002	750	\$ 0.15	\$ 0.0002	750	\$ 0.15	\$ -	0.00%
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>\$ 30.51</b>			<b>\$ 29.30</b>	<b>\$ (1.22)</b>	<b>-3.98%</b>
RTSR - Network	\$ 0.0059	791	\$ 4.66	\$ 0.0057	791	\$ 4.51	\$ (0.16)	-3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0051	791	\$ 4.03	\$ 0.0048	791	\$ 3.79	\$ (0.24)	-5.88%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 39.21</b>			<b>\$ 37.60</b>	<b>\$ (1.61)</b>	<b>-4.11%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	791	\$ 2.85	\$ 0.0036	791	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	791	\$ 0.24	\$ 0.0003	791	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 104.03</b>			<b>\$ 102.42</b>	<b>\$ (1.61)</b>	<b>-1.55%</b>
HST	13%		\$ 13.52	13%		\$ 13.31	\$ (0.21)	-1.55%
8% Rebate	8%		\$ (8.32)	8%		\$ (8.19)	\$ 0.13	-
<b>Total Bill on TOU</b>			<b>\$ 109.23</b>			<b>\$ 107.54</b>	<b>\$ (1.69)</b>	<b>-1.55%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	5,000	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.15	1	\$ 22.15	\$ 22.35	1	\$ 22.35	\$ 0.20	0.90%
Distribution Volumetric Rate	\$ 0.0191	5000	\$ 95.50	\$ 0.0193	5000	\$ 96.50	\$ 1.00	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	5000	\$ -	\$ 0.0018	5000	\$ 9.00	\$ 9.00	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 117.65</b>			<b>\$ 127.85</b>	<b>\$ 10.20</b>	<b>8.67%</b>
Line Losses on Cost of Power	\$ 0.0820	270	\$ 22.14	\$ 0.0820	270	\$ 22.14	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	5,000	\$ -	\$ 0.0023	5,000	\$ (11.50)	\$ (11.50)	-
CBR Class B Rate Riders	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	-
GA Rate Riders	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	5,000	\$ 0.50	\$ 0.0001	5,000	\$ 0.50	\$ -	0.00%
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	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 140.86</b>			<b>\$ 139.56</b>	<b>\$ (1.30)</b>	<b>-0.92%</b>
RTSR - Network	\$ 0.0044	5,270	\$ 23.19	\$ 0.0043	5,270	\$ 22.66	\$ (0.53)	-2.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	5,270	\$ 18.97	\$ 0.0034	5,270	\$ 17.92	\$ (1.05)	-5.56%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 183.02</b>			<b>\$ 180.14</b>	<b>\$ (2.88)</b>	<b>-1.57%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	5,270	\$ 18.97	\$ 0.0036	5,270	\$ 18.97	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	5,270	\$ 1.58	\$ 0.0003	5,270	\$ 1.58	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	3,250	\$ 211.25	\$ 0.0650	3,250	\$ 211.25	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	850	\$ 79.90	\$ 0.0940	850	\$ 79.90	\$ -	0.00%
TOU - On Peak	\$ 0.1320	900	\$ 118.80	\$ 0.1320	900	\$ 118.80	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 613.77</b>			<b>\$ 610.89</b>	<b>\$ (2.88)</b>	<b>-0.47%</b>
HST	13%		\$ 79.79	13%		\$ 79.42	\$ (0.37)	-0.47%
8% Rebate	8%		\$ (49.10)	8%		\$ (48.87)	\$ 0.23	-
<b>Total Bill on TOU</b>			<b>\$ 644.46</b>			<b>\$ 641.43</b>	<b>\$ (3.03)</b>	<b>-0.47%</b>

Customer Class:	<b>GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	68,500	kWh
Demand	190	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 168.99	1	\$ 168.99	\$ 170.51	1	\$ 170.51	\$ 1.52	0.90%
Distribution Volumetric Rate	\$ 4.3907	190	\$ 834.23	\$ 4.4302	190	\$ 841.74	\$ 7.51	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	190	\$ -	\$ 0.3558	190	\$ 67.60	\$ 67.60	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1,003.22</b>			<b>\$ 1,079.85</b>	<b>\$ 76.63</b>	<b>7.64%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	190	\$ -	\$ 0.9269	190	\$ (176.11)	\$ (176.11)	
CBR Class B Rate Riders	\$ -	190	\$ -	\$ -	190	\$ -	\$ -	
GA Rate Riders	\$ -	68,500	\$ -	\$ 0.0011	68,500	\$ (75.35)	\$ (75.35)	
Low Voltage Service Charge	\$ 0.1027	190	\$ 19.51	\$ 0.1027	190	\$ 19.51	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	190	\$ -	\$ -	190	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 1,022.74</b>			<b>\$ 847.90</b>	<b>\$ (174.83)</b>	<b>-17.09%</b>
RTSR - Network	\$ 3.2855	190	\$ 624.25	\$ 3.1750	190	\$ 603.25	\$ (21.00)	-3.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.7586	190	\$ 524.13	\$ 2.5899	190	\$ 492.08	\$ (32.05)	-6.12%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 2,171.12</b>			<b>\$ 1,943.23</b>	<b>\$ (227.88)</b>	<b>-10.50%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	72,199	\$ 259.92	\$ 0.0036	72,199	\$ 259.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	72,199	\$ 21.66	\$ 0.0003	72,199	\$ 21.66	\$ -	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	72,199	\$ 7,949.11	\$ 0.1101	72,199	\$ 7,949.11	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 10,402.05</b>			<b>\$ 10,174.17</b>	<b>\$ (227.88)</b>	<b>-2.19%</b>
HST	13%		\$ 1,352.27	13%		\$ 1,322.64	\$ (29.62)	-2.19%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 11,754.32</b>			<b>\$ 11,496.81</b>	<b>\$ (257.51)</b>	<b>-2.19%</b>

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption:	397	kWh
Demand:	-	kW
Current Loss Factor:	1.0540	
Proposed/Approved Loss Factor:	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.24		\$ -	\$ 7.31	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0110	397	\$ 4.37	\$ 0.0111	397	\$ 4.41	\$ 0.04	0.91%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 4.37</b>			<b>\$ 4.41</b>	<b>\$ 0.04</b>	<b>0.91%</b>
Line Losses on Cost of Power	\$ 0.0820	21	\$ 1.76	\$ 0.0820	21	\$ 1.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	397	\$ -	\$ -0.0023	397	\$ (0.91)	\$ (0.91)	
CBR Class B Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
GA Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0001	397	\$ 0.04	\$ 0.0001	397	\$ 0.04	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 6.16</b>			<b>\$ 5.29</b>	<b>\$ (0.87)</b>	<b>-14.17%</b>
RTSR - Network	\$ 0.0044	418	\$ 1.84	\$ 0.0043	418	\$ 1.80	\$ (0.04)	-2.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	418	\$ 1.51	\$ 0.0034	418	\$ 1.42	\$ (0.08)	-5.56%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 9.51</b>			<b>\$ 8.51</b>	<b>\$ (1.00)</b>	<b>-10.50%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	418	\$ 1.51	\$ 0.0036	418	\$ 1.51	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	418	\$ 0.13	\$ 0.0003	418	\$ 0.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	258	\$ 16.77	\$ 0.0650	258	\$ 16.77	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	67	\$ 6.34	\$ 0.0940	67	\$ 6.34	\$ -	0.00%
TOU - On Peak	\$ 0.1320	71	\$ 9.43	\$ 0.1320	71	\$ 9.43	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 43.94</b>			<b>\$ 42.94</b>	<b>\$ (1.00)</b>	<b>-2.27%</b>
HST		13%	\$ 5.71		13%	\$ 5.58	\$ (0.13)	-2.27%
<b>Total Bill on TOU</b>			<b>\$ 49.66</b>			<b>\$ 48.53</b>	<b>\$ (1.13)</b>	<b>-2.27%</b>



Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	36	kWh	
Demand	0	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.02		\$ -	\$ 4.06	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 12.9144	0.1	\$ 1.29	\$ 13.0306	0.1	\$ 1.30	\$ 0.01	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.1	\$ -	\$ 0.2076	0.1	\$ 0.02	\$ 0.02	
<b>Sub-Total A (excluding pass through)</b>			\$ 1.29			\$ 1.32	\$ 0.03	2.51%
Line Losses on Cost of Power	\$ 0.0820	2	\$ 0.16	\$ 0.0820	2	\$ 0.16	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	0	\$ -	\$ 0.8397	0	\$ (0.08)	\$ (0.08)	
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	\$ -	36	\$ -	\$ -	36	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0545	0	\$ 0.01	\$ 0.0545	0	\$ 0.01	\$ -	0.00%
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>			\$ 1.46			\$ 1.40	\$ (0.05)	-3.54%
RTSR - Network	\$ 1.7657	0	\$ 0.18	\$ 1.7063	0	\$ 0.17	\$ (0.01)	-3.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4823	0	\$ 0.15	\$ 1.3917	0	\$ 0.14	\$ (0.01)	-6.11%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1.78			\$ 1.71	\$ (0.07)	-3.74%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	38	\$ 0.14	\$ 0.0036	38	\$ 0.14	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	38	\$ 0.01	\$ 0.0003	38	\$ 0.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	23	\$ 1.52	\$ 0.0650	23	\$ 1.52	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	6	\$ 0.58	\$ 0.0940	6	\$ 0.58	\$ -	0.00%
TOU - On Peak	\$ 0.1320	6	\$ 0.86	\$ 0.1320	6	\$ 0.86	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 5.13			\$ 5.06	\$ (0.07)	-1.30%
HST		13%	\$ 0.67		13%	\$ 0.66	\$ (0.01)	-1.30%
<b>Total Bill on TOU</b>			\$ 5.80			\$ 5.72	\$ (0.08)	-1.30%

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>
RPP / Non-RPP:	Non-RPP (Other)
Consumption	507,000 kWh
Demand	1,623 kW
Current Loss Factor	1.0540
Proposed/Approved Loss Factor	1.0540

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.51		\$ -	\$ 5.56	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2.7051	1623	\$ 4,390.38	\$ 2.7294	1623	\$ 4,429.82	\$ 39.44	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1623	\$ -	\$ 0.0180	1623	\$ 29.21	\$ 29.21	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 4,390.38</b>			<b>\$ 4,459.03</b>	<b>\$ 68.65</b>	<b>1.56%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,623	\$ -	\$ 0.8272	1,623	\$ (1,342.55)	\$ (1,342.55)	
CBR Class B Rate Riders	\$ -	1,623	\$ -	\$ -	1,623	\$ -	\$ -	
GA Rate Riders	\$ -	507,000	\$ -	\$ 0.0011	507,000	\$ (557.70)	\$ (557.70)	
Low Voltage Service Charge	\$ 0.0515	1,623	\$ 83.58	\$ 0.0515	1,623	\$ 83.58	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1,623	\$ -	\$ -	1,623	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 4,473.96</b>			<b>\$ 2,642.37</b>	<b>\$ (1,831.59)</b>	<b>-40.94%</b>
RTSR - Network	\$ 1.6678	1,623	\$ 2,706.84	\$ 1.6117	1,623	\$ 2,615.79	\$ (91.05)	-3.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4001	1,623	\$ 2,272.36	\$ 1.3145	1,623	\$ 2,133.43	\$ (138.93)	-6.11%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 9,453.16</b>			<b>\$ 7,391.59</b>	<b>\$ (2,061.57)</b>	<b>-21.81%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	534,378	\$ 1,923.76	\$ 0.0036	534,378	\$ 1,923.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	534,378	\$ 160.31	\$ 0.0003	534,378	\$ 160.31	\$ -	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	534,378	\$ 58,835.02	\$ 0.1101	534,378	\$ 58,835.02	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 70,372.51</b>			<b>\$ 68,310.93</b>	<b>\$ (2,061.57)</b>	<b>-2.93%</b>
HST	13%		\$ 9,148.43	13%		\$ 8,880.42	\$ (268.00)	-2.93%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 79,520.93</b>			<b>\$ 77,191.36</b>	<b>\$ (2,329.58)</b>	<b>-2.93%</b>

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	205	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.07	1	\$ 24.07	\$ 26.83	1	\$ 26.83	\$ 2.76	11.47%
Distribution Volumetric Rate	\$ 0.0032	205.43	\$ 0.66	\$ -	205.43	\$ -	\$ (0.66)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	205.43	\$ -	\$ 0.0003	205.43	\$ 0.06	\$ 0.06	0.06%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 24.73</b>			<b>\$ 26.89</b>	<b>\$ 2.16</b>	<b>8.75%</b>
Line Losses on Cost of Power	\$ 0.0820	11	\$ 0.91	\$ 0.0820	11	\$ 0.91	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	205	\$ -	\$ 0.0024	205	\$ (0.49)	\$ (0.49)	-
CBR Class B Rate Riders	\$ -	205	\$ -	\$ -	205	\$ -	\$ -	-
GA Rate Riders	\$ -	205	\$ -	\$ -	205	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0002	205	\$ 0.04	\$ 0.0002	205	\$ 0.04	\$ -	0.00%
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	\$ -	205	\$ -	\$ -	205	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26.25</b>			<b>\$ 27.92</b>	<b>\$ 1.67</b>	<b>6.37%</b>
RTSR - Network	\$ 0.0059	217	\$ 1.28	\$ 0.0057	217	\$ 1.23	\$ (0.04)	-3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0051	217	\$ 1.10	\$ 0.0048	217	\$ 1.04	\$ (0.06)	-5.88%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 28.63</b>			<b>\$ 30.19</b>	<b>\$ 1.56</b>	<b>5.46%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	217	\$ 0.78	\$ 0.0036	217	\$ 0.78	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	217	\$ 0.06	\$ 0.0003	217	\$ 0.06	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	134	\$ 8.68	\$ 0.0650	134	\$ 8.68	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	35	\$ 3.28	\$ 0.0940	35	\$ 3.28	\$ -	0.00%
TOU - On Peak	\$ 0.1320	37	\$ 4.88	\$ 0.1320	37	\$ 4.88	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 46.57</b>			<b>\$ 48.13</b>	<b>\$ 1.56</b>	<b>3.36%</b>
HST	13%		\$ 6.05	13%		\$ 6.26	\$ 0.20	3.36%
8% Rebate	8%		\$ (3.73)	8%		\$ (3.85)	\$ (0.13)	-
<b>Total Bill on TOU</b>			<b>\$ 48.90</b>			<b>\$ 50.54</b>	<b>\$ 1.64</b>	<b>3.36%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.15	1	\$ 22.15	\$ 22.35	1	\$ 22.35	\$ 0.20	0.90%
Distribution Volumetric Rate	\$ 0.0191	2000	\$ 38.20	\$ 0.0193	2000	\$ 38.60	\$ 0.40	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0018	2000	\$ 3.60	\$ 3.60	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 60.35</b>			<b>\$ 64.55</b>	<b>\$ 4.20</b>	<b>6.96%</b>
Line Losses on Cost of Power	\$ 0.0820	108	\$ 8.85	\$ 0.0820	108	\$ 8.85	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ -0.0023	2,000	\$ (4.60)	\$ (4.60)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0001	2,000	\$ 0.20	\$ 0.0001	2,000	\$ 0.20	\$ -	0.00%
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>\$ 69.97</b>			<b>\$ 69.57</b>	<b>\$ (0.40)</b>	<b>-0.57%</b>
RTSR - Network	\$ 0.0044	2,108	\$ 9.28	\$ 0.0043	2,108	\$ 9.06	\$ (0.21)	-2.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	2,108	\$ 7.59	\$ 0.0034	2,108	\$ 7.17	\$ (0.42)	-5.56%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 86.84</b>			<b>\$ 85.81</b>	<b>\$ (1.03)</b>	<b>-1.19%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,108	\$ 7.59	\$ 0.0036	2,108	\$ 7.59	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,108	\$ 0.63	\$ 0.0003	2,108	\$ 0.63	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 259.29</b>			<b>\$ 258.26</b>	<b>\$ (1.03)</b>	<b>-0.40%</b>
HST		13%	\$ 33.71		13%	\$ 33.57	\$ (0.13)	-0.40%
8% Rebate		8%	\$ (20.74)		8%	\$ (20.66)	\$ 0.08	
<b>Total Bill on TOU</b>			<b>\$ 272.25</b>			<b>\$ 271.17</b>	<b>\$ (1.08)</b>	<b>-0.40%</b>



# GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	844,096,644	kWh	100%
RPP	A	514,629,971	kWh	61.0%
Non RPP	B = D+E	329,466,673	kWh	39.0%
Non-RPP Class A	D	36,594,284	kWh	4.3%
Non-RPP Class B*	E	292,872,389	kWh	34.7%

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

**Note 3 GA Billing Rate**

GA is billed on the

1st Estimate

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month


**Note 4 Analysis of Expected GA Amount**

Year	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	31,721,887			31,721,887	0.06687	\$ 2,121,243	0.08227	\$ 2,609,760	\$ 488,517
February	28,933,267			28,933,267	0.10559	\$ 3,055,064	0.08639	\$ 2,499,545	-\$ 555,519
March	31,344,618			31,344,618	0.08409	\$ 2,635,769	0.07135	\$ 2,236,438	-\$ 399,330
April	26,904,003			26,904,003	0.06874	\$ 1,849,381	0.10778	\$ 2,899,713	\$ 1,050,332
May	26,282,069			26,282,069	0.10623	\$ 2,791,944	0.12307	\$ 3,234,534	\$ 442,590
June	25,865,494			25,865,494	0.11954	\$ 3,091,961	0.11848	\$ 3,064,544	-\$ 27,417
July	22,876,537			22,876,537	0.10652	\$ 2,436,809	0.11280	\$ 2,580,473	\$ 143,665
August	22,578,652			22,578,652	0.11500	\$ 2,596,545	0.10109	\$ 2,282,476	-\$ 314,069
September	22,305,791			22,305,791	0.12739	\$ 2,841,535	0.08864	\$ 1,977,185	-\$ 864,349
October	22,410,398			22,410,398	0.10212	\$ 2,288,550	0.12563	\$ 2,815,418	\$ 526,868
November	23,820,838			23,820,838	0.11164	\$ 2,659,358	0.09704	\$ 2,311,574	-\$ 347,784
December	26,440,030			26,440,030	0.08391	\$ 2,218,583	0.09207	\$ 2,434,334	\$ 215,751
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>311,483,585</b>	<b>-</b>	<b>-</b>	<b>311,483,585</b>		<b>\$ 30,586,741</b>		<b>\$ 30,945,995</b>	<b>\$ 359,254</b>

Calculated Loss Factor

1.0635

Note 5 **Reconciling Items**

	Item	Amount	Explanation
	<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>	<b>-\$ 335,787</b>	
1a	True-up of GA Charges based on Actual Non-RPP Volumes prior year		
1b	True-up of GA Charges based on Actual Non-RPP Volumes current year		
2a	Remove prior year end unbilled to actual revenue differences		
2b	Add current year end unbilled to actual revenue differences		
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers		
3b	Add difference between current year accrual/forecast to actual from long term load transfers		
4	Remove GA balances pertaining to Class A customers		
5	Significant prior period billing adjustments recorded in current year		
6	Differences in GA IESO posted rate and rate charged on IESO invoice	-\$ 10,220	
7	Differences in actual system losses and billed TLFs	\$ 295,640	
8	Others as justified by distributor		
9	Disposition	\$ 180,675	
10			

Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ 130,308
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ 359,254
	<b>Unresolved Difference</b>	-\$ 228,946
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>-0.7%</u>

## Attachment 4 - Responses to Appendix A Questions

### GA Methodology Description Questions on Accounts 1588 & 1589

1. In booking expense journal entries for Charge Type (CT) 1142 and CT 148 from the IESO invoice, please confirm which of the following approaches is used:
  - a. CT 1142 is booked into Account 1588. CT 148 is pro-rated based on RPP/non-RPP consumption and then booked into Account 1588 and 1589 respectively.
  - b. CT 148 is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589. – GSH confirms this is the approach used.
  - c. If another approach is used, please explain in detail.
  
2. Questions on CT 1142
  - a. Please describe how the initial RPP related GA is determined for settlement forms submitted by day 4 after the month-end (resulting in CT 1142 on the IESO invoice). – GSH uses all RPP billings physically performed in the month being reported as an estimate for the cost of GA for that month.
  - b. Please describe the process for truing up CT 1142 to actual RPP kWh, including which data is used for each TOU/Tier 1&2 prices, as well as the timing of the true up. - By the 4<sup>th</sup> business day of each month, GSHI submits its filing for the initial RPP true up to the IESO for the previous consumption month. GSHI uses the amount posted in its billing system in a given month for the inputs required for this filing. For example, the filing for November 2018 will utilize the billed consumption, billed amount, system-calculated WAP and system-calculated Global Adjustment pertaining to the electricity that was actually billed in the month of November. These figures will calculate a preliminary true-up amount for the month of November that will flow on line 1142 of the IESO invoice.

GSHI's methodology trues up these initial submissions on a quarterly basis. Under this method, the submission to the IESO for the February 2019 settlement month would include a true up for Q4 2018 (covering the months of October, November and December 2018). Quarterly true-ups will consistently be submitted 2-months lagging the end of a given quarter.

To quantify the final RPP true up value, it is necessary to determine an accurate consumption split between RPP and non-RPP customers. GSHI starts by querying from its billing system a report that lists all electricity bills issued for a given month. This report details the consumption dates covered by each bill, the total kWh and other pertinent information (RPP \$ billed, RPP/non-RPP customer status). GSHI

## Attachment 4

prorates the consumption for each individual bill into the appropriate month (ie: a bill for 800kwh total consumption with 15 days of consumption in each of November and December will have 400kwh allocated to each respective month). With every bill prorated in this manner, GSHI is able to determine the total kWh billed to RPP and non-RPP customers pertaining to a given consumption month. The total RPP dollars billed to customers are prorated into monthly buckets in the same manner.

With proper monthly cut-off of total kWh billed to RPP and non-RPP customers, it is possible to determine the percentage split of the portion of purchases pertaining to RPP customers. This percentage is applied to the total kWh, cost of commodity and cost of global adjustment purchased by GSHI from its energy suppliers (IESO, HONI, generation, etc) for the month being tried up.

Given all the data now available, GSHI calculates the following:

- 1) How much GSHI paid for the commodity that pertains to RPP customers.
- 2) How much GSHI paid for the GA that pertains to RPP customers.
- 3) How much GSHI collected from RPP customers pertaining to the kWh GSHI purchased from its energy suppliers (calculated by dividing the prorated RPP \$ total by the prorated kWh total and multiplying this value by the RPP kWh purchased by GSHI).

Part 1) and 2) above are summed and compared to part 3). The difference between the two values is the final true-up amount, and is the value that should have been paid to/received from the IESO for the given consumption month. This value is compared to the initially submitted estimate, and the difference between the initially submitted estimate and this value is tried up on a quarterly basis.

GSHI was careful to closely follow the example in Article 490 of the Accounting Procedures Handbook for this portion of the calculation in order to ensure that any inefficiency in GSHI's billing loss factor is appropriately captured in account 1588, and the appropriate amount is ultimately being tried up with the IESO.

- c. Has CT 1142 been tried up for with the IESO for all of 2017? – Yes 2017 was tried up with submission for February 2018.
- d. Which months from 2017 were tried up in 2018? – October, November, December
- e. Have all of the 2017 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding? - Yes
- f. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included. – GSHI flowed \$196,927.72 to the IESO as part of the February 2018 submission. This amount was booked in the



## Attachment 4

GL in 2017 and is included in the Transactions Debit/(Credit) during 2017 column.

### 3. Questions on CT 148

- a. Please describe the process for the initial recording of CT 148 in the accounts (i.e. 1588 and 1589). - By the 4th business day of each month, GSHI submits its filing for the initial RPP true up to the IESO for the previous consumption month. GSHI uses the amount posted in its billing system in a given month for the inputs required for this filing. For example, the filing for November 2018 will utilize the billed consumption, billed amount, system-calculated WAP and system-calculated Global Adjustment pertaining to the electricity that was actually billed in the month of November. These figures will calculate a preliminary true-up amount for the month of November that will flow on line 1142 of the IESO invoice. CT 148 from the IESO invoice is booked into Account 1589. The portion of CT 1142 equaling RPP minus HOEP for RPP consumption is booked into Account 1588. The portion of CT 1142 equaling GA RPP is credited into Account 1589.
- b. Please describe the process for true up of the GA related cost to ensure that the amounts reflected in Account 1588 are related to RPP GA costs and amounts in 1589 are related to only non-RPP GA costs. – Please see response to 2B above.
- c. What data is used to determine the non-RPP kWh volume that is multiplied with the actual GA per kWh rate (based on CT 148) for recording as expense in Account 1589 for initial recording of the GA expense? – The data used for the initial RPP submission on the 4<sup>th</sup> day of the month as described in 2B above.
- d. Does the utility true up the initial recording of CT 148 in Accounts 1588 and 1589 based on estimated proportions to actuals based on actual consumption proportions for RPP and non-RPP? -Yes
- e. Please indicate which months from 2017 were true up in 2018 for CT 148 proportions between RPP and non-RPP. –October, November and December 2017
- f. Are all true-ups for 2017 consumption reflected in the DVA Continuity Schedule under 2017. -Yes
- g. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included. – Dr 1588 \$1,548,159 Cr 1589 \$1,548,159 – these amounts are included in the transactions column as they were booked into December 2017.

## Attachment 4

4. Questions regarding principal adjustments and reversals on the DVA Continuity Schedule:

### Questions on Principal Adjustments - Accounts 1588 and 1589

- a. Did the applicant have principal adjustments in its 2018 rate proceeding which were approved for disposition? - **No**
- b. Please provide a break-down of the total amount of principal adjustments that were approved (e.g. true-up of unbilled (for 1589 only), true up of CT 1142, true up of CT 148 etc.). - **N/A**
- c. Has the applicant reversed the adjustment approved in 2018 in its current proposed amount for disposition? - **N/A**
- d. Please provide a breakdown of the amounts shown under principal adjustments in the DVA Continuity Schedule filed in the current proceeding, including the reversals and the new true up amounts regarding 2017 true ups. - **N/A – GSH records these all in the transactions column as they are booked in the year they pertain to.**
- e. Do the amount calculated in part d. above reconcile to the applicant's principal adjustments shown in the DVA Continuity Schedule for the current proceeding? If not, please provide an explanation. - **N/A**
- f. Please confirm that the principal adjustments shown on the DVA Continuity Schedule are reflected in the GL transactions. As an example, the unbilled to actual true-up for 1589 would already be reflected in the applicant's GL in the normal course of business. However, if a principal adjustment related to proportions between 1588 and 1589 was made, applicant must ensure that the GL reflects the movement between the two accounts. - **The transactions are recorded in the GL and as such are recorded in the transactions column, not the principal adjustment column.**



Ontario Energy Board

## Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 3.0 (2019)

### Generic LRAMVA Work Forms

Worksheet Name	Description
<a href="#">1. LRAMVA Summary</a>	<b>Tables 1-a and 1-b</b> provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
<a href="#">1-a. Summary of Changes</a>	<b>Tables A-1 and A-2</b> include a template for LDCs to summarize changes to the LRAMVA work form.
<a href="#">2. LRAMVA Threshold</a>	<b>Tables 2-a, 2-b and 2-c</b> include the LRAMVA thresholds and allocations by rate class.
<a href="#">3. Distribution Rates</a>	<b>Tables 3-a and 3-b</b> include the distribution rates that are used to calculate lost revenues.
<a href="#">3-a. Rate Class Allocations</a>	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
<a href="#">4. 2011-2014 LRAM</a>	<b>Tables 4-a, 4-b, 4-c and 4-d</b> include the template 2011-2014 LRAMVA work forms.
<a href="#">5. 2015-2020 LRAM</a>	<b>Tables 5-a, 5-b, 5-c and 5-d</b> include the template 2015-2020 LRAMVA work forms.
<a href="#">6. Carrying Charges</a>	<b>Table 6-b</b> includes the variance on carrying charges related to the LRAMVA disposition.
<a href="#">7. Persistence Report</a>	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
<a href="#">8. Streetlighting</a>	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

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



# LRAMVA Work Form: Instructions

Tab	Instructions
<b>LRAMVA Checklist/Schematic Tab</b>	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components) but have been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> <li>o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a.</li> <li>o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form.</li> <li>o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved.</li> <li>o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO.</li> <li>o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.</li> <li>o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable.</li> <li>o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.</li> </ul>
<b>Tab 1. LRAMVA Summary</b>	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
<b>Tab 1-a. Summary of Changes</b>	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
<b>Tab 2. LRAMVA Threshold</b>	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
<b>Tab 3. Distribution Rates</b>	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
<b>Tab 3-a. Rate Class Allocations</b>	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
<b>Tabs 4 and 5 (2011-2020)</b>	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> <li>o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.</li> </ul>

- Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table.
- Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used.
- Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.
- Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.

**Tab 6. Carrying Charges**

Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.

**Tab 7. Persistence Report**

Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.

**Tab 8. Streetlighting**

A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

# LRAMVA Work Form: Checklist and Schematic

### General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

**LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance**

**Legend**

Drop Down List (Blue)

**Important Checklist**

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Not Applicable	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
<b>Actual Incremental CDM Savings by Initiative</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
<b>Actual Lost Revenues (kWh and kW) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
<b>LRAMVA (\$) by Rate Class</b>	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
<b>Total LRAMVA (\$) by Rate Class</b>	Tab "1. LRAMVA Summary"			



## LRAMVA Work Form: Summary Tab

<b>Legend</b>	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

**LDC Name** Greater Sudbury Hydro Inc.

**Application Details**

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

**A. Previous LRAMVA Application**

Previous LRAMVA Application (EB#)	EB-2012-0126
Application of Previous LRAMVA Claim	2013 COS Application
Period of LRAMVA Claimed in Previous Application	2011
Amount of LRAMVA Claimed in Previous Application	\$ 45,723.00

**B. Current LRAMVA Application**

Current LRAMVA Application (EB#)	EB-2018-0034
Application of Current LRAMVA Claim	2019 IRM Application
Period of New LRAMVA in this Application	2012-2016
Period of Rate Recovery (# years)	1

**C. Documentation of Changes**

Original Amount	
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$ 1,099,067
Forecast Lost Revenues (\$)	B	\$ 466,910
Carrying Charges (\$)	C	\$ 36,503
LRAMVA (\$) for Account 1568	A-B+C	\$ 668,660

**Table 1-a. LRAMVA Totals by Rate Class**

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

**NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.**

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$111,287	\$5,307	\$116,594
GS<50 kW	kWh	\$225,329	\$14,528	\$239,857
GS 50 to 4,999	kW	\$294,952	\$16,646	\$311,598
USL	kWh	\$0	\$0	\$0
Sentinel Lighting	kW	\$226	\$10	\$236
Street Lighting	kW	\$362	\$13	\$375
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
<b>Total</b>		<b>\$632,157</b>	<b>\$36,503</b>	<b>\$668,660</b>

**Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class**

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting											Total
		kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0	
2011 Actuals	<input checked="" type="checkbox"/>																	
2011 Forecast																		
Amount Cleared																		
2012 Actuals	<input type="checkbox"/>	\$29,629.69	\$51,008.17	\$17,370.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$98,008.36
2012 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																		
2013 Actuals	<input type="checkbox"/>	\$28,223.08	\$54,661.83	\$32,299.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115,184.29
2013 Forecast		(\$71,167.87)	(\$37,239.00)	(\$10,141.77)	\$0.00	\$0.00	(\$260.85)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$118,809.49)
Amount Cleared																		
2014 Actuals	<input type="checkbox"/>	\$78,675.92	\$72,133.99	\$59,284.62	\$0.00	\$0.00	\$333.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$210,427.92
2014 Forecast		(\$71,167.87)	(\$37,442.49)	(\$10,164.41)	\$0.00	\$0.00	(\$127.43)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$118,902.20)
Amount Cleared																		
2015 Actuals	<input type="checkbox"/>	\$111,683.28	\$88,976.48	\$98,188.79	\$0.00	\$0.00	\$337.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$299,185.65
2015 Forecast		(\$72,334.56)	(\$37,849.47)	(\$10,289.62)	\$0.00	\$0.00	(\$129.00)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$120,602.66)
Amount Cleared																		
2016 Actuals	<input type="checkbox"/>	\$137,830.12	\$109,132.82	\$128,733.22	\$0.00	\$226.19	\$338.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$376,260.73
2016 Forecast		(\$60,084.35)	(\$38,052.97)	(\$10,328.88)	\$0.00	\$0.00	(\$129.49)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$108,595.68)
Amount Cleared																		
Carrying Charges		\$5,306.95	\$14,527.68	\$16,646.10	\$0.00	\$9.70	\$12.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36,503.10
<b>Total LRAMVA Balance</b>		<b>\$116,594</b>	<b>\$239,857</b>	<b>\$311,598</b>	<b>\$0</b>	<b>\$236</b>	<b>\$375</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$668,660.02</b>

Note: LDC to make note of assumptions included above, if any





# LRAMVA Work Form: Summary of Changes

**Legend**

- User Inputs (Green)
- Drop Down List (Blue)
- Instructions (Grey)

**Table A-1. Changes to Generic Assumptions in LRAMVA Work Form**

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	5. 2015-2020 LRAM	B335	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program added	Program not included
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

**Table A-2. Updates to LRAMVA Disposition**

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

## LRAMVA Work Form: Forecast Lost Revenues

Version 3.0 (2019)

**Legend**

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

**Table 2-a. LRAMVA Threshold** 2013

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	13,566,120	5,833,432	2,034,918	5,562,109			135,661								
kW	2,457			2,408			49								
Summary		5833432	2034918	2408	0	0	49	0	0	0	0	0	0	0	0

Years Included in Threshold: 2011-2013 (Half 2011/2013 - full 2012)  
 Source of Threshold: EB-2012-0126 Settlement Agreement, p. 20 (Share of kWh)

**Table 2-b. LRAMVA Threshold**

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold:  
 Source of Threshold: 20XX Settlement Agreement, p. X

**Table 2-c. Inputs for LRAMVA Thresholds**

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2014	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2015	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2016	2013	5,833,432	2,034,918	2,408	0	0	49	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

Billing Unit	EB-2009-0225	EB-2010-0083	EB-2011-0169	EB-2012-0126	EB-2013-0131	EB-2014-0075	EB-2015-0071	EB-2016-0072	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)	7	4	4	4	4	4	4					
Period 2 (# months)	8	8	8	8	8	8	8	12	12	12	12	12
Residential	\$ 0.0123	\$ 0.0123	\$ 0.0124	\$ 0.0121	\$ 0.0123	\$ 0.0124	\$ 0.0093					
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ 0.0123	\$ 0.0123	\$ 0.0124	\$ 0.0121	\$ 0.0123	\$ 0.0124	\$ 0.0093	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 0.0123	\$ 0.0124	\$ 0.0124	\$ 0.0122	\$ 0.0122	\$ 0.0124	\$ 0.0103	\$ -	\$ -	\$ -	\$ -	\$ -
GB-60 KW	\$ 0.0187	\$ 0.0184	\$ 0.0186	\$ 0.0182	\$ 0.0185	\$ 0.0187	\$ 0.0187					
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ 0.0187	\$ 0.0184	\$ 0.0186	\$ 0.0182	\$ 0.0185	\$ 0.0187	\$ 0.0187	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 0.0186	\$ 0.0185	\$ 0.0185	\$ 0.0182	\$ 0.0185	\$ 0.0187	\$ 0.0187	\$ -	\$ -	\$ -	\$ -	\$ -
GB 50 to 4,999	\$ 4,3627	\$ 4,2386	\$ 4,2709	\$ 4,1821	\$ 4,2408	\$ 4,2894	\$ 4,2894					
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ 4,3627	\$ 4,2386	\$ 4,2709	\$ 4,1821	\$ 4,2408	\$ 4,2894	\$ 4,2894	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 4,2764	\$ 4,2585	\$ 4,2517	\$ 4,2211	\$ 4,2371	\$ 4,2894	\$ 4,2894	\$ -	\$ -	\$ -	\$ -	\$ -
UBL	\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107					
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 0.0123	\$ 0.0123	\$ 0.0111	\$ 0.0106	\$ 0.0107	\$ 0.0107	\$ 0.0107	\$ -	\$ -	\$ -	\$ -	\$ -
Sentinel Lighting	\$ 10,3336	\$ 11,7670	\$ 11,8706	\$ 12,3008	\$ 12,4730	\$ 12,6164	\$ 12,6164					
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ 10,3336	\$ 11,7670	\$ 11,8706	\$ 12,3008	\$ 12,4730	\$ 12,6164	\$ 12,6164	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 11,2892	\$ 11,8361	\$ 12,1574	\$ 12,4156	\$ 12,5686	\$ 12,6164	\$ 12,6164	\$ -	\$ -	\$ -	\$ -	\$ -
Street Lighting	\$ 8,4525	\$ 10,7227	\$ 10,8171	\$ 2,5766	\$ 2,6127	\$ 2,6427	\$ 2,6427					
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ 8,4525	\$ 10,7227	\$ 10,8171	\$ 2,5766	\$ 2,6127	\$ 2,6427	\$ 2,6427	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ 9,3660	\$ 10,7386	\$ 10,7386	\$ 3,2234	\$ 2,6007	\$ 2,6327	\$ 2,6427	\$ -	\$ -	\$ -	\$ -	\$ -
0												
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0												
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0												
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0												
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0												
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. Please clear the rates related to the year(s) that are not part of the LRAMVA claim.

The distribution rates that remain in Table 3-a will be used in Table 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Table 4 and 5.

Year	Residential		GB-60 KW		GB 50 to 4,999		UBL		Sentinel Lighting		Street Lighting	
	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
2011	\$0.0123	\$0.0185	\$4,2766	\$0.0123	\$11,2892	\$0.9660	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0124	\$0.0185	\$4,2585	\$0.0123	\$11,8361	\$0.7956	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0122	\$0.0183	\$4,2117	\$0.0111	\$12,1574	\$5,3234	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0122	\$0.0184	\$4,2211	\$0.0186	\$12,4156	\$2,6007	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0124	\$0.0186	\$4,2731	\$0.0107	\$12,5686	\$2,6327	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0103	\$0.0187	\$4,2894	\$0.0103	\$12,6164	\$2,6427	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition



# LRAMVA Work Form: Determination of Rate Class Allocations

### Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

Greater Sudbury's class allocations are based on the relevant program sectors. Where a program is used by more than one class (ie. Retrofit), project lists were used to group savings by each class. The total consumption savings of projects within each class were divided by the total savings for the program in a given year to determine the share of allocation by class.

	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting
2011	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Retailer Co-op	100%	0%	0%	0%	0%
	Retrofit	0%	88%	12%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Retrofit	0%	0%	100%	0%	0%
	Electricity Retrofit Incentive Program	0%	0%	100%	0%	0%
High Performance New Construction	0%	0%	100%	0%	0%	
2012	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%
	Retrofit	0%	37%	63%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%
	High Performance New Construction	0%	0%	100%	0%	0%
2013	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%
	Retrofit	0%	37%	63%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%
	Energy Manager	0%	0%	100%	0%	0%
Home Assistance Program	100%	0%	0%	0%	0%	
2014	Appliance Retirement	100%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%
	Retrofit	0%	11%	87%	0%	2%
	Direct Install Lighting	0%	100%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%
	Energy Manager	0%	0%	100%	0%	0%
Home Assistance Program	100%	0%	0%	0%	0%	
High Performance New Construction	0%	0%	100%	0%	0%	
Program Enabled Savings	100%	0%	0%	0%	0%	
Time of Use Savings	100%	0%	0%	0%	0%	
2015	Coupon Initiative	100%	0%	0%	0%	0%
	Bi-Annual Retailer Event Initiative	100%	0%	0%	0%	0%
	Appliance Retirement Initiative	100%	0%	0%	0%	0%
	HVAC Incentives Initiative	100%	0%	0%	0%	0%
	Residential New Construction and Major Renovation Initiative	100%	0%	0%	0%	0%
	Energy Audit Initiative	0%	10%	90%	0%	0%
	Efficiency: Equipment Replacement Incentive Initiative	0%	26%	74%	0%	0%
	Direct Install Lighting and Water Heating Initiative	0%	100%	0%	0%	0%
	New Construction and Major Renovation Initiative	0%	0%	100%	0%	0%
	Process and Systems Upgrades Initiatives - Project Incentive Initiative	0%	0%	100%	0%	0%
Process and Systems Upgrades Initiatives - Energy Manager Initiative	0%	0%	100%	0%	0%	
Low Income Initiative	100%	0%	0%	0%	0%	
Save on Energy Coupon Program	100%	0%	0%	0%	0%	
Save on Energy Heating and Cooling Program	100%	0%	0%	0%	0%	
Save on Energy Retrofit Program	0%	13%	87%	0%	0%	
2016	Save on Energy Coupon Program	100%	0%	0%	0%	0%
	Save on Energy Heating and Cooling Program	100%	0%	0%	0%	0%
	Save on Energy Audit Funding Program	0%	0%	100%	0%	0%
	Save on Energy Retrofit Program	0%	20.1%	79.7%	0%	0.2%
	Save on Energy Energy Manager Program	0%	0%	100%	0%	0%
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	100%	0%	0%	0%	0%	

## LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Version 3.0 (2019)

### Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

### Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

### Tables

- [Table 4-a, 2011 Lost Revenues](#)
- [Table 4-b, 2012 Lost Revenues](#)
- [Table 4-c, 2013 Lost Revenues](#)
- [Table 4-d, 2014 Lost Revenues](#)



Table 4-b. 2012 Lost Revenues Work Form [Return to top](#)

Program	Results Status	Net Energy Savings Persistence (kWh)										Monthly Multiplier	Net Peak Demand Savings Persistence (kW)										Rate Allocations for LRAMVA																																							
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								Total																										
<b>Consumer Program</b>																																																														
1	Appliance Retirement Adjustment to 2012 savings	404,997	404,997	404,997	386,549	251,397	0	0	0	0	0												86	86	86	66	33	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%												
2	Appliance Exchange Adjustment to 2012 savings	7,429	7,429	7,429	7,333	0	0	0	0	0	0													4	4	4	4	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%												
3	HVAC Incentives Adjustment to 2012 savings	266,601	266,601	266,601	266,601	266,601	266,601	266,601	266,601	266,601	266,601													142	142	142	142	142	142	142	142	142	142	142	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%											
4	Conservation Instant Coupon Booklet Adjustment to 2012 savings	14,368	14,368	14,368	14,368	14,152	14,152	6,664	6,627	6,627	6,627													2	2	2	2	2	2	2	2	2	2	2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%											
5	Bi-Annual Retailer Event Adjustment to 2012 savings	275,204	275,204	275,204	275,204	247,391	201,164	137,215	136,929	136,929	69,550													15	15	15	15	14	12	9	9	9	6	6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%											
6	Retailer Co-op Adjustment to 2012 savings																																						0%																							
7	Residential Demand Response Adjustment to 2012 savings																																					0%																								
8	Residential Demand Response (IHD) Adjustment to 2012 savings																																					0%																								
9	Residential New Construction Adjustment to 2012 savings	4,154	4,154	4,154	4,154	4,154	4,154	4,154	4,154	4,154	4,154													0	0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%											
<b>Business Program</b>																																																														
10	Retrofit Adjustment to 2012 savings	1,684,769	1,674,891	1,672,695	1,616,643	1,616,643	#####	#####	#####	#####	#####	12	303	300	299	282	282	261	259	259	250	223	76	76	76	76	76	71	68	68	68	51	0.00%	37%	63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%													
11	Direct Install Lighting Adjustment to 2012 savings	828,976	828,976	828,976	727,621	725,597	177,724	177,724	175,389	175,389	175,389	12	238	238	238	211	211	47	47	45	45	45	12	238	238	238	211	211	47	47	45	45	45	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%											
12	Building Commissioning Adjustment to 2012 savings											3											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%												
13	New Construction Adjustment to 2012 savings											12											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%												
14	Energy Audit Adjustment to 2012 savings	75,529	75,529	75,529	75,529	0	0	0	0	0	0	12	16	16	16	16	0	0	0	0	0	0	2,562	2,562	2,562	2,562	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
15	Small Commercial Demand Response Adjustment to 2012 savings																																					0%																								
16	Small Commercial Demand Response (IHD) Adjustment to 2012 savings																																				0%																									
17	Demand Response 3 Adjustment to 2012 savings																																			0%																										
<b>Industrial Program</b>																																																														
18	Process & System Upgrades Adjustment to 2012 savings											12											12															0%																								
19	Monitoring & Targeting Adjustment to 2012 savings											12											12														0%																									
20	Energy Manager Adjustment to 2012 savings											12											12														100%																									
21	Retrofit Adjustment to 2012 savings											12											12														0%																									
22	Demand Response 3 Adjustment to 2012 savings	1,261	0	0	0	0	0	0	0	0	0		87	0	0	0	0	0	0	0	0	0		87	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%												
<b>Home Assistance Program</b>																																																														
23	Home Assistance Program Adjustment to 2012 savings																																				0%																									
<b>Aboriginal Program</b>																																																														
24	Home Assistance Program Adjustment to 2012 savings																																				0%																									
25	Direct Install Lighting Adjustment to 2012 savings											0											0														0%																									
<b>Pre-2011 Programs completed in 2011</b>																																																														
26	Electricity Retrofit Incentive Program Adjustment to 2012 savings											12											12														0%																									
27	High Performance New Construction Adjustment to 2012 savings	68,381	68,381	68,381	68,381	68,381	68,381	68,381	68,381	68,381	68,381	12	14	14	14	14	14	14	14	14	14	14	12	14	14	14	14	14	14	14	14	14	14	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%												
28	Toronto Comprehensive Adjustment to 2012 savings											0											0														0%																									
29	Multifamily Energy Efficiency Rebates Adjustment to 2012 savings											0											0														0%																									
30	LDC Custom Programs Adjustment to 2012 savings											0											0														0%																									
<b>Other</b>																																																														
31	Program Enabled Savings Adjustment to 2012 savings											0											0														0%																									
32	Time of Use Savings Adjustment to 2012 savings											0											0														0%																									
33	LDC Pilots Adjustment to 2012 savings											0											0														0%																									
<b>Actual CDM Savings in 2012</b>		3,977,350											989										981,857																																							
<b>Forecast CDM Savings in 2012</b>		0											0										0																																							
Distribution Rate in 2012																																																														
Lost Revenue in 2012 from 2011 programs																																																														
Lost Revenue in 2012 from 2012 programs																																																														
<b>Total Lost Revenues in 2012</b>																																																														
<b>Forecast Lost Revenues in 2012</b>																																																														
<b>LRAMVA in 2012</b>																																																														
2012 Savings Persisting in 2013																																																														
2012 Savings Persisting in 2014																																																														
2012 Savings Persisting in 2015																																																														
2012 Savings Persisting in 2016																																																														
2012 Savings Persisting in 2017																																																														
2012 Savings Persisting in 2018																																																														
2012 Savings Persisting in 2019																																																														
2012 Savings Persisting in 2020																																																														

Note: LDC to make note of key assumptions included above









## LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

Version 3.0 (2019)

**Legend**

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

**Instructions**

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.
2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.
3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.
4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.
5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

**Tables**

- [Table 5-a. 2015 Lost Revenues](#)
- [Table 5-b. 2016 Lost Revenues](#)
- [Table 5-c. 2017 Lost Revenues](#)
- [Table 5-d. 2018 Lost Revenues](#)
- [Table 5-e. 2019 Lost Revenues](#)
- [Table 5-f. 2020 Lost Revenues](#)











# LRAMVA Work Form: Carrying Charges by Rate Class

**Legend**

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

**Instructions**

- Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
- The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
- Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.17%
2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

[Check OEB website](#)

Table 6-a. Calculation of Carrying Costs by Rate Class

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting	Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total for 2011</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Amount Cleared										
<b>Opening Balance for 2012</b>										
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$3.02	\$5.21	\$1.77	\$0.00	\$0.00	\$0.00	\$10.01
Mar-12	2011-2012	Q1	0.12%	\$6.05	\$10.41	\$3.55	\$0.00	\$0.00	\$0.00	\$20.01
Apr-12	2011-2012	Q2	0.12%	\$9.07	\$15.62	\$5.32	\$0.00	\$0.00	\$0.00	\$30.02
May-12	2011-2012	Q2	0.12%	\$12.10	\$20.83	\$7.09	\$0.00	\$0.00	\$0.00	\$40.02
Jun-12	2011-2012	Q2	0.12%	\$15.12	\$26.04	\$8.87	\$0.00	\$0.00	\$0.00	\$50.03
Jul-12	2011-2012	Q3	0.12%	\$18.15	\$31.24	\$10.64	\$0.00	\$0.00	\$0.00	\$60.03
Aug-12	2011-2012	Q3	0.12%	\$21.17	\$36.45	\$12.41	\$0.00	\$0.00	\$0.00	\$70.04
Sep-12	2011-2012	Q3	0.12%	\$24.20	\$41.66	\$14.19	\$0.00	\$0.00	\$0.00	\$80.04
Oct-12	2011-2012	Q4	0.12%	\$27.22	\$46.86	\$15.96	\$0.00	\$0.00	\$0.00	\$90.05
Nov-12	2011-2012	Q4	0.12%	\$30.25	\$52.07	\$17.73	\$0.00	\$0.00	\$0.00	\$100.05
Dec-12	2011-2012	Q4	0.12%	\$33.27	\$57.28	\$19.51	\$0.00	\$0.00	\$0.00	\$110.06
<b>Total for 2012</b>				<b>\$199.63</b>	<b>\$343.67</b>	<b>\$117.03</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$660.33</b>
Amount Cleared										
<b>Opening Balance for 2013</b>										
Jan-13	2011-2013	Q1	0.12%	\$36.30	\$62.49	\$21.28	\$0.00	\$0.00	\$0.00	\$120.06
Feb-13	2011-2013	Q1	0.12%	\$31.91	\$64.26	\$23.54	\$0.00	\$0.00	-\$0.03	\$119.69
Mar-13	2011-2013	Q1	0.12%	\$27.53	\$66.04	\$25.80	\$0.00	\$0.00	-\$0.05	\$119.32
Apr-13	2011-2013	Q2	0.12%	\$23.14	\$67.82	\$28.06	\$0.00	\$0.00	-\$0.08	\$118.95
May-13	2011-2013	Q2	0.12%	\$18.76	\$69.60	\$30.33	\$0.00	\$0.00	-\$0.11	\$118.58
Jun-13	2011-2013	Q2	0.12%	\$14.38	\$71.38	\$32.59	\$0.00	\$0.00	-\$0.13	\$118.21
Jul-13	2011-2013	Q3	0.12%	\$9.99	\$73.16	\$34.85	\$0.00	\$0.00	-\$0.16	\$117.84
Aug-13	2011-2013	Q3	0.12%	\$5.61	\$74.94	\$37.11	\$0.00	\$0.00	-\$0.19	\$117.47
Sep-13	2011-2013	Q3	0.12%	\$1.22	\$76.71	\$39.37	\$0.00	\$0.00	-\$0.21	\$117.10
Oct-13	2011-2013	Q4	0.12%	-\$3.16	\$78.49	\$41.64	\$0.00	\$0.00	-\$0.24	\$116.73
Nov-13	2011-2013	Q4	0.12%	-\$7.54	\$80.27	\$43.90	\$0.00	\$0.00	-\$0.27	\$116.36
Dec-13	2011-2013	Q4	0.12%	-\$11.93	\$82.05	\$46.16	\$0.00	\$0.00	-\$0.29	\$115.99
<b>Total for 2013</b>				<b>\$345.85</b>	<b>\$1,210.87</b>	<b>\$521.67</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$1.76</b>	<b>\$2,076.63</b>
Amount Cleared										

<b>Opening Balance for 2014</b>				<b>\$345.85</b>	<b>\$1,210.87</b>	<b>\$521.67</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$1.76</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,076.63</b>	
Jan-14	2011-2014	Q1	0.12%	-\$16.31	\$83.83	\$48.42	\$0.00	\$0.00	-\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115.62	
Feb-14	2011-2014	Q1	0.12%	-\$15.54	\$87.37	\$53.44	\$0.00	\$0.00	-\$0.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$124.96	
Mar-14	2011-2014	Q1	0.12%	-\$14.78	\$90.91	\$58.45	\$0.00	\$0.00	-\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$134.31	
Apr-14	2011-2014	Q2	0.12%	-\$14.01	\$94.45	\$63.46	\$0.00	\$0.00	-\$0.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$143.65	
May-14	2011-2014	Q2	0.12%	-\$13.25	\$97.99	\$68.48	\$0.00	\$0.00	-\$0.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$152.99	
Jun-14	2011-2014	Q2	0.12%	-\$12.48	\$101.54	\$73.49	\$0.00	\$0.00	-\$0.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$162.34	
Jul-14	2011-2014	Q3	0.12%	-\$11.71	\$105.08	\$78.51	\$0.00	\$0.00	-\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$171.68	
Aug-14	2011-2014	Q3	0.12%	-\$10.95	\$108.62	\$83.52	\$0.00	\$0.00	-\$0.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$181.02	
Sep-14	2011-2014	Q3	0.12%	-\$10.18	\$112.16	\$88.54	\$0.00	\$0.00	-\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$190.37	
Oct-14	2011-2014	Q4	0.12%	-\$9.41	\$115.70	\$93.55	\$0.00	\$0.00	-\$0.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$199.71	
Nov-14	2011-2014	Q4	0.12%	-\$8.65	\$119.24	\$98.57	\$0.00	\$0.00	-\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$209.05	
Dec-14	2011-2014	Q4	0.12%	-\$7.88	\$122.78	\$103.58	\$0.00	\$0.00	-\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$218.40	
<b>Total for 2014</b>				<b>\$200.70</b>	<b>\$2,450.54</b>	<b>\$1,433.68</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$4.20</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$4,080.72</b>	
Amount Cleared																				
<b>Opening Balance for 2015</b>				<b>\$200.70</b>	<b>\$2,450.54</b>	<b>\$1,433.68</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$4.20</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$4,080.72</b>
Jan-15	2011-2015	Q1	0.12%	-\$7.11	\$126.33	\$108.59	\$0.00	\$0.00	-\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$227.74	
Feb-15	2011-2015	Q1	0.12%	-\$3.10	\$131.54	\$117.57	\$0.00	\$0.00	-\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$245.97	
Mar-15	2011-2015	Q1	0.12%	\$0.92	\$136.76	\$126.54	\$0.00	\$0.00	-\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$264.20	
Apr-15	2011-2015	Q2	0.09%	\$3.69	\$106.25	\$101.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$211.34	
May-15	2011-2015	Q2	0.09%	\$6.70	\$110.15	\$108.12	\$0.00	\$0.00	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$224.98	
Jun-15	2011-2015	Q2	0.09%	\$9.71	\$114.06	\$114.83	\$0.00	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$238.63	
Jul-15	2011-2015	Q3	0.09%	\$12.71	\$117.96	\$121.55	\$0.00	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$252.27	
Aug-15	2011-2015	Q3	0.09%	\$15.72	\$121.87	\$128.26	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$265.91	
Sep-15	2011-2015	Q3	0.09%	\$18.72	\$125.77	\$134.98	\$0.00	\$0.00	\$0.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$279.55	
Oct-15	2011-2015	Q4	0.09%	\$21.73	\$129.68	\$141.69	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$293.19	
Nov-15	2011-2015	Q4	0.09%	\$24.73	\$133.58	\$148.41	\$0.00	\$0.00	\$0.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$306.83	
Dec-15	2011-2015	Q4	0.09%	\$27.74	\$137.49	\$155.12	\$0.00	\$0.00	\$0.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$320.48	
<b>Total for 2015</b>				<b>\$332.87</b>	<b>\$3,941.99</b>	<b>\$2,940.74</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$3.79</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,211.80</b>	
Amount Cleared																				
<b>Opening Balance for 2016</b>				<b>\$332.87</b>	<b>\$3,941.99</b>	<b>\$2,940.74</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$3.79</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,211.80</b>
Jan-16	2011-2016	Q1	0.09%	\$30.75	\$141.40	\$161.84	\$0.00	\$0.00	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$334.12	
Feb-16	2011-2016	Q1	0.09%	\$36.69	\$146.83	\$170.88	\$0.00	\$0.02	\$0.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$354.56	
Mar-16	2011-2016	Q1	0.09%	\$42.62	\$152.25	\$179.92	\$0.00	\$0.03	\$0.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$375.01	
Apr-16	2011-2016	Q2	0.09%	\$48.56	\$157.68	\$188.97	\$0.00	\$0.05	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$395.46	
May-16	2011-2016	Q2	0.09%	\$54.50	\$163.11	\$198.01	\$0.00	\$0.07	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$415.90	
Jun-16	2011-2016	Q2	0.09%	\$60.44	\$168.54	\$207.06	\$0.00	\$0.09	\$0.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$436.35	
Jul-16	2011-2016	Q3	0.09%	\$66.38	\$173.97	\$216.10	\$0.00	\$0.10	\$0.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$456.80	
Aug-16	2011-2016	Q3	0.09%	\$72.32	\$179.40	\$225.15	\$0.00	\$0.12	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$477.24	
Sep-16	2011-2016	Q3	0.09%	\$78.26	\$184.83	\$234.19	\$0.00	\$0.14	\$0.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$497.69	
Oct-16	2011-2016	Q4	0.09%	\$84.20	\$190.26	\$243.24	\$0.00	\$0.16	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$518.14	
Nov-16	2011-2016	Q4	0.09%	\$90.14	\$195.69	\$252.28	\$0.00	\$0.17	\$0.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$538.58	
Dec-16	2011-2016	Q4	0.09%	\$96.07	\$201.12	\$261.33	\$0.00	\$0.19	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$559.03	
<b>Total for 2016</b>				<b>\$1,093.79</b>	<b>\$5,997.09</b>	<b>\$5,479.72</b>	<b>\$0.00</b>	<b>\$1.14</b>	<b>-\$1.06</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$12,570.69</b>
Amount Cleared																				
<b>Opening Balance for 2017</b>				<b>\$1,093.79</b>	<b>\$5,997.09</b>	<b>\$5,479.72</b>	<b>\$0.00</b>	<b>\$1.14</b>	<b>-\$1.06</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$12,570.69</b>
Jan-17	2011-2017	Q1	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Feb-17	2011-2017	Q1	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Mar-17	2011-2017	Q1	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Apr-17	2011-2017	Q2	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
May-17	2011-2017	Q2	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Jun-17	2011-2017	Q2	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Jul-17	2011-2017	Q3	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Aug-17	2011-2017	Q3	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Sep-17	2011-2017	Q3	0.09%	\$102.01	\$206.55	\$270.37	\$0.00	\$0.21	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$579.48	
Oct-17	2011-2017	Q4	0.13%	\$139.11	\$281.66	\$368.69	\$0.00	\$0.28	\$0.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$790.20	
Nov-17	2011-2017	Q4	0.13%	\$139.11	\$281.66	\$368.69	\$0.00	\$0.28	\$0.45	\$0.00	\$0.00</									





Supporting Documentation:  
LDC Persistence Savings Results from IESO

Version 5.0 (2015)

Legend

Green	Low Impact (Green)
Blue	Drop Down List (Blue)
Grey	Instructions (Grey)

- Instructions (Steps)
- Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
  - Please identify the source of the report via the dropdown list in Column I.
  - To include the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
  - Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings will be identified with an implementation year that matches the year of the persistence report. A savings adjustment will be identified with a prior year implementation in the future year's results report.
  - Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.
- NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order of the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Table 7. 2011-2020 Verified Program Results and Persistence Into Future Years

Step	Portfolio	#1 Program	#2 Initiative	LDC	Sector	Conservation Resource Type	#3 (Implementation) Year	#4 Identify Source of Report	#5 Identify Status of Savings	#6 Net Verified Annual Peak Demand Savings at the End User Level (kW)												#7 Net Verified Annual Energy Savings at the End User Level (kWh)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276



Ontario Energy Board

## **LRAMVA Work Form: Documentation for Streetlighting Projects**

**Version 3.0 (2019)**

### **Instructions**

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2018-0034

**RESIDENTIAL SERVICE CLASSIFICATION**

To qualify for residential rates an electrical service shall meet all of the following conditions:

- The electricity shall be intended for and used primarily for a residence in which one or more person(s) reside.
- The electrical service shall be individually metered, no bulk metering allowed.

Residential customers are defined as customers connected as detached, semi-detached or duplex dwelling units. It does not include Residential Rate Class customers in apartments, condominiums, row housing or any other abode that is not a detached, semi-detached or duplex dwelling unit. The definition does not include the installation of primary, transformation and secondary to the hand holes in a new subdivision. All items excluded from the residential rate class definition, as above, shall be treated as general service rate class customers.

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	26.83
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0024)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
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EB-2018-0034

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

To qualify for General Service Less Than 50 kW Rates an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall have a peak demand less than 50 kilowatts for seven or more months in any twelve month period.
- New connections will be classified based on the rating, in amperes, of the main switch or sum of main switches.

The General Service Less Than 50 kW Rate Class includes those Residential Rate Class customers that are not in detached, semi-detached or duplex dwelling units. The General Service Rate Class also includes subdivision developments and all General Service Rate Class customers. Further servicing details are available in the distributor's Conditions of Service.

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	22.35
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0193
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0023)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2018-0034

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

To qualify for General Service 50 to 4,999 kW Rates, an electrical service shall meet all of the following conditions:

- The electrical service shall not qualify as a Residential Rate Class service.
- The electrical service shall not qualify as a General Service Less Than 50 kW Rate Class service.
- New customers will be classified based on the rating, in amperes, of the main switch or sum of main switches.

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

**APPLICATION**

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

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

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

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It 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 non-RPP Class B customers.

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	170.51
Distribution Volumetric Rate	\$/kW	4.4302
Low Voltage Service Rate	\$/kW	0.1027
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.3558
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.1012)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.1743
Retail Transmission Rate - Network Service Rate	\$/kW	3.1750
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5899

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
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EB-2018-0034

**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**

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.

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

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	7.31
Distribution Volumetric Rate	\$/kWh	0.0111
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0023)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0043
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
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EB-2018-0034

**SENTINEL LIGHTING SERVICE CLASSIFICATION**

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

**APPLICATION**

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

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

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	4.06
Distribution Volumetric Rate	\$/kW	13.0306
Low Voltage Service Rate	\$/kW	0.0545
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0012)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.2076
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.8397)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3917

**MONTHLY RATES AND CHARGES - Regulatory Component**

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



**Greater Sudbury Hydro Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date May 1, 2019**  
**This schedule supersedes and replaces all previously**  
**approved schedules of Rates, Charges and Loss Factors**

EB-2018-0034

**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 Ontario Energy Board 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 Debt Retirement Charge, the Global Adjustment and the HST.

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	5.56
Distribution Volumetric Rate	\$/kW	2.7294
Low Voltage Service Rate	\$/kW	0.0515
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.0180
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.8272)
Retail Transmission Rate - Network Service Rate	\$/kW	1.6117
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3145

**MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Greater Sudbury Hydro Inc.**  
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EB-2018-0034

**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.

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

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.40
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EB-2018-0034

**ALLOWANCES**

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

**SPECIFIC SERVICE CHARGES**

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

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**Customer Administration**

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Returned Cheque (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00

**Non-Payment of Account**

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00

**Other**

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
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EB-2018-0034

**RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

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

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

**LOSS FACTORS**

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0540
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0434





Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.07	1	\$ 24.07	\$ 26.83	1	\$ 26.83	\$ 2.76	11.47%
Distribution Volumetric Rate	\$ 0.0032	750	\$ 2.40	\$ -	750	\$ -	\$ (2.40)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0003	750	\$ 0.23	\$ 0.23	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26.47</b>			<b>\$ 27.06</b>	<b>\$ 0.59</b>	<b>2.21%</b>
Line Losses on Cost of Power	\$ 0.0820	41	\$ 3.32	\$ 0.0820	41	\$ 3.32	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0024	750	\$ (1.80)	\$ (1.80)	-
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0002	750	\$ 0.15	\$ 0.0002	750	\$ 0.15	\$ -	0.00%
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>\$ 30.51</b>			<b>\$ 29.30</b>	<b>\$ (1.22)</b>	<b>-3.98%</b>
RTSR - Network	\$ 0.0059	791	\$ 4.66	\$ 0.0057	791	\$ 4.51	\$ (0.16)	-3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0051	791	\$ 4.03	\$ 0.0048	791	\$ 3.79	\$ (0.24)	-5.88%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 39.21</b>			<b>\$ 37.60</b>	<b>\$ (1.61)</b>	<b>-4.11%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	791	\$ 2.85	\$ 0.0036	791	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	791	\$ 0.24	\$ 0.0003	791	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 104.03</b>			<b>\$ 102.42</b>	<b>\$ (1.61)</b>	<b>-1.55%</b>
HST	13%		\$ 13.52	13%		\$ 13.31	\$ (0.21)	-1.55%
8% Rebate	8%		\$ (8.32)	8%		\$ (8.19)	\$ 0.13	-
<b>Total Bill on TOU</b>			<b>\$ 109.23</b>			<b>\$ 107.54</b>	<b>\$ (1.69)</b>	<b>-1.55%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	5,000	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.15	1	\$ 22.15	\$ 22.35	1	\$ 22.35	\$ 0.20	0.90%
Distribution Volumetric Rate	\$ 0.0191	5000	\$ 95.50	\$ 0.0193	5000	\$ 96.50	\$ 1.00	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	5000	\$ -	\$ 0.0018	5000	\$ 9.00	\$ 9.00	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 117.65</b>			<b>\$ 127.85</b>	<b>\$ 10.20</b>	<b>8.67%</b>
Line Losses on Cost of Power	\$ 0.0820	270	\$ 22.14	\$ 0.0820	270	\$ 22.14	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	5,000	\$ -	\$ 0.0023	5,000	\$ (11.50)	\$ (11.50)	-
CBR Class B Rate Riders	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	-
GA Rate Riders	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	5,000	\$ 0.50	\$ 0.0001	5,000	\$ 0.50	\$ -	0.00%
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	\$ -	5,000	\$ -	\$ -	5,000	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 140.86</b>			<b>\$ 139.56</b>	<b>\$ (1.30)</b>	<b>-0.92%</b>
RTSR - Network	\$ 0.0044	5,270	\$ 23.19	\$ 0.0043	5,270	\$ 22.66	\$ (0.53)	-2.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	5,270	\$ 18.97	\$ 0.0034	5,270	\$ 17.92	\$ (1.05)	-5.56%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 183.02</b>			<b>\$ 180.14</b>	<b>\$ (2.88)</b>	<b>-1.57%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	5,270	\$ 18.97	\$ 0.0036	5,270	\$ 18.97	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	5,270	\$ 1.58	\$ 0.0003	5,270	\$ 1.58	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	3,250	\$ 211.25	\$ 0.0650	3,250	\$ 211.25	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	850	\$ 79.90	\$ 0.0940	850	\$ 79.90	\$ -	0.00%
TOU - On Peak	\$ 0.1320	900	\$ 118.80	\$ 0.1320	900	\$ 118.80	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 613.77</b>			<b>\$ 610.89</b>	<b>\$ (2.88)</b>	<b>-0.47%</b>
HST	13%		\$ 79.79	13%		\$ 79.42	\$ (0.37)	-0.47%
8% Rebate	8%		\$ (49.10)	8%		\$ (48.87)	\$ 0.23	-
<b>Total Bill on TOU</b>			<b>\$ 644.46</b>			<b>\$ 641.43</b>	<b>\$ (3.03)</b>	<b>-0.47%</b>



Customer Class:	<b>GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	68,500	kWh
Demand	190	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 168.99	1	\$ 168.99	\$ 170.51	1	\$ 170.51	\$ 1.52	0.90%
Distribution Volumetric Rate	\$ 4.3907	190	\$ 834.23	\$ 4.4302	190	\$ 841.74	\$ 7.51	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	190	\$ -	\$ 0.3558	190	\$ 67.60	\$ 67.60	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1,003.22</b>			<b>\$ 1,079.85</b>	<b>\$ 76.63</b>	<b>7.64%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	190	\$ -	\$ 0.9269	190	\$ (176.11)	\$ (176.11)	
CBR Class B Rate Riders	\$ -	190	\$ -	\$ -	190	\$ -	\$ -	
GA Rate Riders	\$ -	68,500	\$ -	\$ 0.0011	68,500	\$ (75.35)	\$ (75.35)	
Low Voltage Service Charge	\$ 0.1027	190	\$ 19.51	\$ 0.1027	190	\$ 19.51	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	190	\$ -	\$ -	190	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 1,022.74</b>			<b>\$ 847.90</b>	<b>\$ (174.83)</b>	<b>-17.09%</b>
RTSR - Network	\$ 3.2855	190	\$ 624.25	\$ 3.1750	190	\$ 603.25	\$ (21.00)	-3.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.7586	190	\$ 524.13	\$ 2.5899	190	\$ 492.08	\$ (32.05)	-6.12%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 2,171.12</b>			<b>\$ 1,943.23</b>	<b>\$ (227.88)</b>	<b>-10.50%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	72,199	\$ 259.92	\$ 0.0036	72,199	\$ 259.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	72,199	\$ 21.66	\$ 0.0003	72,199	\$ 21.66	\$ -	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	72,199	\$ 7,949.11	\$ 0.1101	72,199	\$ 7,949.11	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 10,402.05</b>			<b>\$ 10,174.17</b>	<b>\$ (227.88)</b>	<b>-2.19%</b>
HST	13%		\$ 1,352.27	13%		\$ 1,322.64	\$ (29.62)	-2.19%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 11,754.32</b>			<b>\$ 11,496.81</b>	<b>\$ (257.51)</b>	<b>-2.19%</b>

Customer Class:	<b>UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	RPP	
Consumption	397	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.24		\$ -	\$ 7.31	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0110	397	\$ 4.37	\$ 0.0111	397	\$ 4.41	\$ 0.04	0.91%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 4.37			\$ 4.41	\$ 0.04	0.91%
Line Losses on Cost of Power	\$ 0.0820	21	\$ 1.76	\$ 0.0820	21	\$ 1.76	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	397	\$ -	\$ -0.0023	397	\$ (0.91)	\$ (0.91)	
CBR Class B Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
GA Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0001	397	\$ 0.04	\$ 0.0001	397	\$ 0.04	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	397	\$ -	\$ -	397	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 6.16			\$ 5.29	\$ (0.87)	-14.17%
RTSR - Network	\$ 0.0044	418	\$ 1.84	\$ 0.0043	418	\$ 1.80	\$ (0.04)	-2.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	418	\$ 1.51	\$ 0.0034	418	\$ 1.42	\$ (0.08)	-5.56%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 9.51			\$ 8.51	\$ (1.00)	-10.50%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	418	\$ 1.51	\$ 0.0036	418	\$ 1.51	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	418	\$ 0.13	\$ 0.0003	418	\$ 0.13	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	258	\$ 16.77	\$ 0.0650	258	\$ 16.77	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	67	\$ 6.34	\$ 0.0940	67	\$ 6.34	\$ -	0.00%
TOU - On Peak	\$ 0.1320	71	\$ 9.43	\$ 0.1320	71	\$ 9.43	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 43.94			\$ 42.94	\$ (1.00)	-2.27%
HST		13%	\$ 5.71		13%	\$ 5.58	\$ (0.13)	-2.27%
<b>Total Bill on TOU</b>			\$ 49.66			\$ 48.53	\$ (1.13)	-2.27%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	36	kWh	
Demand	0	kW	
Current Loss Factor	1.0540		
Proposed/Approved Loss Factor	1.0540		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.02		\$ -	\$ 4.06	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 12.9144	0.1	\$ 1.29	\$ 13.0306	0.1	\$ 1.30	\$ 0.01	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.1	\$ -	\$ 0.2076	0.1	\$ 0.02	\$ 0.02	
<b>Sub-Total A (excluding pass through)</b>			\$ 1.29			\$ 1.32	\$ 0.03	2.51%
Line Losses on Cost of Power	\$ 0.0820	2	\$ 0.16	\$ 0.0820	2	\$ 0.16	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	0	\$ -	\$ 0.8397	0	\$ (0.08)	\$ (0.08)	
CBR Class B Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
GA Rate Riders	\$ -	36	\$ -	\$ -	36	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0545	0	\$ 0.01	\$ 0.0545	0	\$ 0.01	\$ -	0.00%
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>			\$ 1.46			\$ 1.40	\$ (0.05)	-3.54%
RTSR - Network	\$ 1.7657	0	\$ 0.18	\$ 1.7063	0	\$ 0.17	\$ (0.01)	-3.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4823	0	\$ 0.15	\$ 1.3917	0	\$ 0.14	\$ (0.01)	-6.11%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1.78			\$ 1.71	\$ (0.07)	-3.74%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	38	\$ 0.14	\$ 0.0036	38	\$ 0.14	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	38	\$ 0.01	\$ 0.0003	38	\$ 0.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	23	\$ 1.52	\$ 0.0650	23	\$ 1.52	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	6	\$ 0.58	\$ 0.0940	6	\$ 0.58	\$ -	0.00%
TOU - On Peak	\$ 0.1320	6	\$ 0.86	\$ 0.1320	6	\$ 0.86	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 5.13			\$ 5.06	\$ (0.07)	-1.30%
HST		13%	\$ 0.67		13%	\$ 0.66	\$ (0.01)	-1.30%
<b>Total Bill on TOU</b>			\$ 5.80			\$ 5.72	\$ (0.08)	-1.30%

Customer Class:	<b>STREET LIGHTING SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	507,000	kWh
Demand	1,623	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.51		\$ -	\$ 5.56	0	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2.7051	1623	\$ 4,390.38	\$ 2.7294	1623	\$ 4,429.82	\$ 39.44	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1623	\$ -	\$ 0.0180	1623	\$ 29.21	\$ 29.21	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 4,390.38</b>			<b>\$ 4,459.03</b>	<b>\$ 68.65</b>	<b>1.56%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,623	\$ -	\$ 0.8272	1,623	\$ (1,342.55)	\$ (1,342.55)	
CBR Class B Rate Riders	\$ -	1,623	\$ -	\$ -	1,623	\$ -	\$ -	
GA Rate Riders	\$ -	507,000	\$ -	\$ 0.0011	507,000	\$ (557.70)	\$ (557.70)	
Low Voltage Service Charge	\$ 0.0515	1,623	\$ 83.58	\$ 0.0515	1,623	\$ 83.58	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	1,623	\$ -	\$ -	1,623	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 4,473.96</b>			<b>\$ 2,642.37</b>	<b>\$ (1,831.59)</b>	<b>-40.94%</b>
RTSR - Network	\$ 1.6678	1,623	\$ 2,706.84	\$ 1.6117	1,623	\$ 2,615.79	\$ (91.05)	-3.36%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4001	1,623	\$ 2,272.36	\$ 1.3145	1,623	\$ 2,133.43	\$ (138.93)	-6.11%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 9,453.16</b>			<b>\$ 7,391.59</b>	<b>\$ (2,061.57)</b>	<b>-21.81%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	534,378	\$ 1,923.76	\$ 0.0036	534,378	\$ 1,923.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	534,378	\$ 160.31	\$ 0.0003	534,378	\$ 160.31	\$ -	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	534,378	\$ 58,835.02	\$ 0.1101	534,378	\$ 58,835.02	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 70,372.51</b>			<b>\$ 68,310.93</b>	<b>\$ (2,061.57)</b>	<b>-2.93%</b>
HST	13%		\$ 9,148.43	13%		\$ 8,880.42	\$ (268.00)	-2.93%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 79,520.93</b>			<b>\$ 77,191.36</b>	<b>\$ (2,329.58)</b>	<b>-2.93%</b>

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	205	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.07	1	\$ 24.07	\$ 26.83	1	\$ 26.83	\$ 2.76	11.47%
Distribution Volumetric Rate	\$ 0.0032	205.43	\$ 0.66	\$ -	205.43	\$ -	\$ (0.66)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	205.43	\$ -	\$ 0.0003	205.43	\$ 0.06	\$ 0.06	-
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 24.73</b>			<b>\$ 26.89</b>	<b>\$ 2.16</b>	<b>8.75%</b>
Line Losses on Cost of Power	\$ 0.0820	11	\$ 0.91	\$ 0.0820	11	\$ 0.91	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	205	\$ -	\$ 0.0024	205	\$ (0.49)	\$ (0.49)	-
CBR Class B Rate Riders	\$ -	205	\$ -	\$ -	205	\$ -	\$ -	-
GA Rate Riders	\$ -	205	\$ -	\$ -	205	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0002	205	\$ 0.04	\$ 0.0002	205	\$ 0.04	\$ -	0.00%
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	\$ -	205	\$ -	\$ -	205	\$ -	\$ -	-
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 26.25</b>			<b>\$ 27.92</b>	<b>\$ 1.67</b>	<b>6.37%</b>
RTSR - Network	\$ 0.0059	217	\$ 1.28	\$ 0.0057	217	\$ 1.23	\$ (0.04)	-3.39%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0051	217	\$ 1.10	\$ 0.0048	217	\$ 1.04	\$ (0.06)	-5.88%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 28.63</b>			<b>\$ 30.19</b>	<b>\$ 1.56</b>	<b>5.46%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	217	\$ 0.78	\$ 0.0036	217	\$ 0.78	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	217	\$ 0.06	\$ 0.0003	217	\$ 0.06	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	134	\$ 8.68	\$ 0.0650	134	\$ 8.68	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	35	\$ 3.28	\$ 0.0940	35	\$ 3.28	\$ -	0.00%
TOU - On Peak	\$ 0.1320	37	\$ 4.88	\$ 0.1320	37	\$ 4.88	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 46.57</b>			<b>\$ 48.13</b>	<b>\$ 1.56</b>	<b>3.36%</b>
HST	13%		\$ 6.05	13%		\$ 6.26	\$ 0.20	3.36%
8% Rebate	8%		\$ (3.73)	8%		\$ (3.85)	\$ (0.13)	-
<b>Total Bill on TOU</b>			<b>\$ 48.90</b>			<b>\$ 50.54</b>	<b>\$ 1.64</b>	<b>3.36%</b>

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0540	
Proposed/Approved Loss Factor	1.0540	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.15	1	\$ 22.15	\$ 22.35	1	\$ 22.35	\$ 0.20	0.90%
Distribution Volumetric Rate	\$ 0.0191	2000	\$ 38.20	\$ 0.0193	2000	\$ 38.60	\$ 0.40	1.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0018	2000	\$ 3.60	\$ 3.60	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 60.35</b>			<b>\$ 64.55</b>	<b>\$ 4.20</b>	<b>6.96%</b>
Line Losses on Cost of Power	\$ 0.0820	108	\$ 8.85	\$ 0.0820	108	\$ 8.85	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ -0.0023	2,000	\$ (4.60)	\$ (4.60)	
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0001	2,000	\$ 0.20	\$ 0.0001	2,000	\$ 0.20	\$ -	0.00%
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>\$ 69.97</b>			<b>\$ 69.57</b>	<b>\$ (0.40)</b>	<b>-0.57%</b>
RTSR - Network	\$ 0.0044	2,108	\$ 9.28	\$ 0.0043	2,108	\$ 9.06	\$ (0.21)	-2.27%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	2,108	\$ 7.59	\$ 0.0034	2,108	\$ 7.17	\$ (0.42)	-5.56%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 86.84</b>			<b>\$ 85.81</b>	<b>\$ (1.03)</b>	<b>-1.19%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,108	\$ 7.59	\$ 0.0036	2,108	\$ 7.59	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,108	\$ 0.63	\$ 0.0003	2,108	\$ 0.63	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 259.29</b>			<b>\$ 258.26</b>	<b>\$ (1.03)</b>	<b>-0.40%</b>
HST		13%	\$ 33.71		13%	\$ 33.57	\$ (0.13)	-0.40%
8% Rebate		8%	\$ (20.74)		8%	\$ (20.66)	\$ 0.08	
<b>Total Bill on TOU</b>			<b>\$ 272.25</b>			<b>\$ 271.17</b>	<b>\$ (1.08)</b>	<b>-0.40%</b>