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

- 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 47,427¹ 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);
 - 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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¹ 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 1st day of November, 2018.

Original signed by

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

MANAGER'S SUMMARY

2 **OVERVIEW**

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- 3 Greater Sudbury Hydro Inc. (GSHI) is a licensed electricity distributor operating pursuant to
- 4 license ED-2002-0559. GSHI distributes electricity to approximately 47,427² customers within
- 5 parts of Greater Sudbury (former City of Sudbury, Town of Coniston, Town of Capreol and Town
- 6 of Falconbridge) and parts of the Municipality of West Nipissing (Town of Sturgeon Falls and Town
- 7 of Cache Bay) all of whom will be impacted by this application.
- 8 GSHI's last Cost of Service Application was for distribution rates effective May 1, 2013 (EB-2012-
- 9 0126) in which a full settlement was reached and the Board issued a Decision and Rate Order on
- 10 May 2, 2013.
- On September 22, 2017, GSHI filed a 2018 Price Cap Incentive Regulation Mechanism (Price Cap
- 12 IR) (EB-2017-0042) seeking approval for changes to distribution rates. The Board issued a
- Decision and Rate Order on March 22th, 2018. A copy of the current Tariff of Rates and Charges
- with an effective date of May 1st, 2018 is included as **Attachment 1**.
- 15 There are no outstanding Board Orders affecting this current application.
- 16 This application has been prepared in accordance with the "Filing Requirements for Electricity
- 17 Distribution Rate Applications 2018 Edition for 2019 Rate Applications Chapter 3, Incentive
- 18 Rate Setting-Applications, updated on July 12, 2018" ("Filing Requirements") issued by the Board.
- 19 GSHI utilized the 2019 Rate Generator Model, GA Analysis Work Form and the Lost Revenue
- 20 Adjustment Mechanism Variance Account (LRAMVA) Work Form Version 3.0, issued by the
- 21 Board on July 12th, 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.**
- 23 A copy of this application can also be found on GSHI's website at the following location:
- 24 http://sudburyhydro.com/documents/

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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).

² 2017 OEB Yearbook of Electricity Distributors

- f. Proposed May 1, 2019 Tariff Schedules (Attachment 6).
 - g. Rate application bill impacts (Attachment 7).
 - 2. 2019 Rate Generator Model v1.1 (Excel format) GSH_2019_IRM_Rate_Generator_Model_20180712_3.xlsb
 - 3. GA Analysis Work Form (Excel format) GSH 2019 IRM GA Analysis Workform 20180712 3.xlsx
 - 4. Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form Version 3.0 (Excel Format) *GSH 2019 LRAMVA Workform 20180712.xlsx*

GLOBAL ADJUSTMENT - DESCRIPTION OF SETTLEMENT PROCESS

- 10 GSHI uses the 1st estimate to bill all of its rate classes and to record unbilled entries. 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
- 14 billed consumption, billed amount, system-calculated WAP and system-calculated Global
- Adjustment pertaining to the electricity that was actually billed in the month. These figures will
- calculate a preliminary true-up amount for the month of November that will flow on line 142 of
- 17 the IESO invoice.

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- 18 GSHI's methodology trues up these initial submissions on a quarterly basis based on the actual
- 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
- 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
- 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
- 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
- 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
- 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
- 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:
 - 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 <u>pertaining to the kWh GSHI purchased</u> <u>from its energy suppliers</u> (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 trued up on a quarterly basis. When preparing the RPP true up, GSHI compares the data inputs to the billings received from its third parties (IESO, HONI, Embedded Generation) to validate the consumption figures used in the calculation.
- 14 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
- 17 ultimately being trued up with the IESO.

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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
- shared tax savings approved in GSHI's 2018 IRM Rate Application (EB-2017-0042) being booked
- 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
- 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
- 13.6 GWh and 2,457 kW of savings for the 2013 LRAMVA, allocated to rate classes on the basis
- 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
- persistence of IESO CDM program activities from 2011 and 2012 for its lost revenue in 2012,
- 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
- 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
- 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,
- upon which the LRAMVA targets are based, includes 2011 data so persistence of 2011 programs
- 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

- 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.
- 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.
- 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
- 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
- and include persistence of prior years and adjustments made in subsequent years up to the 2017
- 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 calculations³, 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
- 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
- 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-
- provided Final Verified Annual LDC CDM Program Results Project List Generator. A similar method

³ 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

- 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
- 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	\$68 ₀	4,004
12	2019 Calculated Carrying Charges	16	5,346
13	Balance Per LRAMVA Work Form	668	<u>3,660</u>
14	Expected Difference	33	1,690
15	Difference per Continuity	3.	<u>1,690</u>
16	Unexplained Difference	\$	0

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

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Table 1 - LRAMVA Claim Summary

Rate Class		2012	2013	2014	2015	2016	Carrying Charges
Desidential	Actual	\$29,630	\$28,223	\$78,676	\$111,683	\$137,830	¢E 207
Residential	Forecast	\$0	-\$71,168	-\$71,168	-\$72,335	-\$60,084	\$5,307
GS < 50 kW	Actual	\$51,008	\$54,662	\$72,134	\$88,976	\$109,133	Ć14 F20
G3 < 50 KW	Forecast	\$0	-\$37,239	-\$37,442	-\$37,849	-\$38,053	\$14,528
GS > 50 kW	Actual	\$17,371	\$32,299	\$59,285	\$98,189	\$128,733	¢16.646
G3 > 50 KW	Forecast	\$0	-\$10,142	-\$10,164	-\$10,290	-\$10,329	\$16,646
HCI	Actual	\$0	\$0	\$0	\$0	\$0	ćο
USL	Forecast	\$0	\$0	\$0	\$0	\$0	\$0
Sentinel	Actual	\$0	\$0	\$0	\$0	\$226	¢10
Lighting	Forecast	\$0	\$0	\$0	\$0	\$0	\$10
Street	Actual	\$0	\$0	\$333	\$337	\$338	ć12
Lighting	Forecast	\$0	-\$261	-\$127	-\$129	-\$129	\$12
Total	Actual	\$98,008	\$115,184	\$210,428	\$299,186	\$376,260	¢2C F02
Total	Forecast	\$0	-\$118,809	-\$118,902	-\$120,603	-\$108,596	\$36,503
Total Lost Revenue					\$632,156		
Total LRAMVA Claim							\$668,660

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

Table 2 - Proposed Rate Riders

Rate Class	Billing	Principal	Carrying	Total	Load	Proposed Rate
	Unit		Charges	LRAMVA	Forecast	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	kW					
Lighting		\$226.19	\$9.70	\$235.89	1,137	\$0.2076
Sentinel	kW					
Lighting		\$362.11	\$12.65	\$374.76	20,884	\$0.0180

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SHARED TAX SAVINGS

- 6 As described in the Filing Requirements, Board policy (included in Supplemental Report of the
- 7 Board on 3rd 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
- 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
- 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
- will adjust each distributor's model when the 2019 UTR's have been determined.

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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
- escalator of 1.20%, less a productivity factor of 0.0% and stretch factor of 0.30%.

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

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- 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
- than a single connection.

<u> Table 3 – Summary of Bill Impacts</u>

	Volui	me	Distrib	Distribution Delivery Charges		Delivery Charges		al Bill
			Char	Charges				
Customer	kWh	kW	\$ Change	%	\$ Change	%	\$ Change	% Change
Class				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	507000	1623	-\$1,831.59	-40.94%	-\$2,061.57	-21.81%	-\$2,329.58	-2.93%
Lighting								
Sentinel	36		-\$0.05	-3.54%	-\$0.07	-3.74%	-\$0.08	-1.30%
Lighting								

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RESIDENTIAL RATE DESIGN - CLASS EVALUATION & BILL IMPACT

- As requested by the OEB in section 3.2.3 of the Filing Requirements, GSHI has evaluated the total bill impact for a residential customer at the 10th consumption percentile.
- 17 In order to derive the 10th consumption percentile, GSHI extracted actual billed consumption data
- 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.

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
		42,310			

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 10th CONSUMPTION PERCENTILE CUSTOMER

- 6 A bill impact for the 10th 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

1

2

20 21

22

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

Attachment 1 - Current Tariffs

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

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.

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		
MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
	\$/kWh \$/kWh	0.0032 0.0004
Wholesale Market Service Rate (WMS) - not including CBR	**	

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

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

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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.

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

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

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.

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

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

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.

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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.

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

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

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.

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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

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

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

0.0003

0.25

\$/kWh

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

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.

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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.

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		
MONTHLY RATES AND CHARGES - Regulatory Component Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
• • • • • • • • • • • • • • • • • • • •	\$/kWh \$/kWh	0.0032 0.0004
Wholesale Market Service Rate (WMS) - not including CBR	**	

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

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

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

ALLOWANCES

1		
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
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	\$	22.35
(with the exception of wireless attachments)		

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

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.

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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



Quick Link

Ontario Energy Board's 2019 Electricity
Distribution Rates Webpage

		version
Utility Name	Greater Sudbury Hydro Inc.	
Assigned EB Number	EB-2018-0034	
Name of Contact and Title	Tiija Luttrell CPA, CA Supervisor Regulatory Affairs	
Phone Number	705-675-0514	
Email Address	tiija.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 ¹	2018	
Please indicate the last Cost of Service Re-Basing Year	2013	
Legend		
Pale green cells represent input	cells.	
Pale blue cells represent drop-d	down lists. The applicant should select the appropriate item from the drop-down	ı list.
Pale grey cell represent auto-po	opulated RRR data	
White cells contain fixed values,	, automatically generated values or formulae.	

Note:

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.

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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Service Charge Smart Metering Entity Charge - effective until December 31, 2022 Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kWh \$/kWh \$/kWh \$/kWh	24.07 0.57 0.0032 0.0002 0.0059 0.0051
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0032 0.0004 0.0003 0.25

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

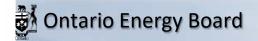
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Service Charge	\$	22.15
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0191
Low Voltage Service Rate	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0044
Retail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



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.

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

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.

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

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.

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW	4.02 12.9144 0.0545 1.7657 1.4823
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0032 0.0004 0.0003 0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved 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.

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



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

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

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

(with the exception of wireless attachments)

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		

\$

22 35

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0540
Total Loss Factor - Primary Metered Customer < 5 000 kW	1 0434

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

					2012				
Closing Interest Amounts as of Dec 31, 2012	Interest Adjustments ¹ during 2012	OEB-Approved Disposition during 2012	Interest Jan 1 to Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Closing Principal Balance as of Dec 31, 2012	Principal Adjustments ¹ during 2012	OEB-Approved Disposition during 2012	Transactions Debit/ (Credit) during 2012	Opening Principal Amounts as of Jan 1, 2012
			(400)	440	57.007			40.070	45.007
1			(132)	143	57,667 0			42,370	15,297
(98,382			(49,126)	(49,256)	(3,985,478)			(1,173,734)	(2,811,744)
(22)22			(-, -,	(-,,	0			() = , = ,	() , , ,
					0				
15,30			4,835	10,473	545,287			92,974	452,313
21			1,385	(1,169)	573,434			512,929	60,505
102,83			48,827	54,005	(252,363)			(19,341)	(233,022)
(66,481			(38,692)	(27,789)	1,300,352			(118,162)	1,418,514
					0				
					0				
					0				
					0				
					0				
					0				
					0				
					0				
(66,481	0	0	(38,692)	(27,789)	1,300,352	0	0	(118,162)	1,418,514
* · · · · · · · · · · · · · · · · · · ·	0	0	5,789	14,196	(3,061,453)		0	(544,802)	(2,516,651)
(46,496	0	0	(32,903)	(13,593)	(1,761,101)	0	0	(662,964)	(1,098,137)
(\$4,354			(\$775)	(\$3,579)	(\$158,164)				(\$158,164)
(50,850	0	0	(33,678)	(17,172)	(1,919,265)	0	0	(662,964)	(1,256,301)

		<u> </u>			2013				
Closing Interes Amounts as of Dec 31, 2013	Interest Adjustments ¹ during 2013	OEB-Approved Disposition during 2013	Interest Jan 1 to Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Closing Principal Balance as of Dec 31, 2013	Principal Adjustments ¹ during 2013	OEB-Approved Disposition during 2013	Transactions Debit/ (Credit) during 2013	Opening Principal Amounts as of Jan 1, 2013
4		443	474	11	86,310		15,297	43,940	57,667
17			179	0	27,724		.0,201	27,724	0
(34,07		(104,367)	(40,056)	(98,382)	(1,867,176)		(2,811,744)	(693,442)	(3,985,478)
				0	0				0
				0	0				0
3,67		19,338	7,703	15,308	392,606		452,313	299,632	545,287
10,94		17	10,750	216	998,704		60,505	485,775	573,434
(76,82		49,438	(130,221)	102,832	(17,072)		(233,022)	2,269	(252,363)
102,27		14	168,768	(66,481)	221,687		1,418,514	339,849	1,300,352
(1,16			(1,166)	0	(4,255)			(4,255)	0
(200,10			(200,106)	0	(2,133,883)		2,722,670	588,787	0
				0	0				0
				0	0				0
				0	0				0
				0	0				0
				0	0				0
102,2	0	14	168,768	(66,481)	221,687	0	1,418,514	339,849	1,300,352
(297,32	0	(35,131)	(352,443)	19,985	(2,517,042)	0	206,019	750,430	(3,061,453)
(195,05	0	(35,117)	(183,675)	(46,496)	(2,295,355)	0	1,624,533	1,090,279	(1,761,101)
2,0		(4,354)	2,077	(4,354)	98,008		(158,164)	98,008	(158,164)
(192,97	0	(39,471)	(181,598)	(50,850)	(2,197,347)	0	1,466,369	1.188.288	(1,919,265)

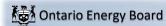
	<u> </u>				2014				
Closing Intere Amounts as o Dec 31, 2014	Interest Adjustments ¹ during 2014	OEB-Approved Disposition during 2014	Interest Jan 1 to Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Closing Principal Balance as of Dec 31, 2014	Principal Adjustments ¹ during 2014	OEB-Approved Disposition during 2014	Transactions Debit/ (Credit) during 2014	Opening Principal Amounts as of Jan 1, 2014
1,2			1,221	42	117,453			31,143	86,310
(6:			(803)	179	18,194			(9,530)	27,724
(55,5			(21,464)	(34,071)	(1,970,029)			(102,853)	(1,867,176)
` '			` '	0	0			` '	0
				0	0				0
10,6			6,941	3,673	370,436			(22,170)	392,606
27,6			16,739	10,949	1,243,283			244,579	998,704
(25,6			51,177	(76,827)	(11,304)			5,768	(17,072)
42,8			(59,401)	102,273	1,243,839			1,022,152	221,687
(1,2			(63)	(1,166)	(4,314)			(59)	(4,255)
(226,9)			(26,817)	(200,106)	(1,453,297)			680,586	(2,133,883)
				0	0				0
				0	0				0
				0	0				0
				0	0				0
				0	0				0
0 42,8	0	0	(59,401)	102,273	1,243,839	0	0	1,022,152	221,687
0 (270,3	0	0	26,931	(297,327)	(1,689,578)	0	0	827,464	(2,517,042)
0 (227,5	0	0	(32,470)	(195,054)	(445,739)	0	0	1,849,616	(2,295,355)
4,0			2,004	2,077	94,383			(3,625)	98,008
0 (223,4	0	0	(30,466)	(192,977)	(351,356)	0	0	1.845.991	(2,197,347)

					2015				
Closing Interes Amounts as of Dec 31, 2015	Interest Adjustments ¹ during 2015	OEB-Approved Disposition during 2015	Interest Jan 1 to Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Closing Principal Balance as of Dec 31, 2015	Principal Adjustments ¹ during 2015	OEB-Approved Disposition during 2015	Transactions Debit/ (Credit) during 2015	Opening Principal Amounts as of Jan 1, 2015
2,64			1,383	1,263	257,980			140,527	117,453
(1,07			(453)	(624)	8,963			(9,231)	18,194
(84,11			(28,578)	(55,535)	(3,516,281)			(1,546,252)	(1,970,029)
				0	0			, , , , ,	0
				0	0				0
15,38			4,771	10,614	122,563			(247,873)	370,436
43,1			15,414	27,688	1,180,239			(63,044)	1,243,283
(1,67	25,039		(1,062)	(25,650)	(192,440)			(181,136)	(11,304)
25,6	(32,970)		15,758	42,872	1,424,514			180,675	1,243,839
(1,28			(51)	(1,229)	(4,314)				(4,314)
(240,64			(13,723)	(226,923)	(807,794)			645,503	(1,453,297)
				0	0				0
				0	0				0
				0	0				0
				0	0				0
				0	0				0
25,6	(32,970)	0	15,758	42,872	1,424,514	0	0	180,675	1,243,839
(267,65	25,039	0	(22,299)	(270,396)	(2,951,084)		0	(1,261,506)	(1,689,578)
(241,99	(7,931)	0	(6,541)	(227,524)	(1,526,570)	0	0	(1,080,831)	(445,739)
7,2			3,131	4,081	185,909			91,526	94,383
(234,78	(7,931)	0	(3,410)	(223,443)	(1,340,661)	0	0	(989.306)	(351,356)

					2016				
Closing Interest Amounts as of Dec 31, 2016	Interest Adjustments ¹ during 2016	OEB-Approved Disposition during 2016	Interest Jan 1 to Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Closing Principal Balance as of Dec 31, 2016	Principal Adjustments ¹ during 2016	OEB-Approved Disposition during 2016	Transactions Debit/ (Credit) during 2016	Opening Principal Amounts as of Jan 1, 2016
2,27		3,089	2,720	2,646	322,938		117,453	182,411	257,980
(909		(341)	(173)	(1,077)	(19,491)		18,194	(10,260)	8,963
(25,037		(86,167)	(27,091)	(84,113)	(2,384,421)		(1,970,029)	(838,169)	(3,516,281)
(1,11		(==, = ,	() , , ,	0	0		(), = = , = = ,	(222, 22)	0
				0	(77,605)			(77,605)	0
(2,934		16,374	(1,945)	15,385	(235,713)		370,436	12,160	122,563
1,90		47,019	5,819	43,102	74,199		1,243,283	137,243	1,180,239
(2,436		(787)	(1,550)	(1,673)	(79,145)		(11,304)	101,991	(192,440)
5,69	65,973	29,242	(56,699)	25,660	(36,728)		1,243,839	(217,403)	1,424,514
		(1,297)	(17)	(1,280)	0		(4,314)		(4,314)
(246,106			(5,460)	(240,646)	(183,801)			623,993	(807,794)
				0	0				0
				0	0				0
12,02		(7,132)	4,893	0	367,291		(1,007,558)	(640,267)	0
				0	31,120			31,120	0
				0	0				0
5,69	65,973	29,242	(56,699)	25,660	(36,728)	0	1,243,839	(217,403)	1,424,514
(261,218	0	(29,242)	(22,804)	(267,656)	(2,184,628)		(1,243,839)	(477,384)	(2,951,084)
(255,527	65,973	0	(79,503)	(241,996)	(2,221,357)		0	(694,787)	(1,526,570)
12,57			5,359	7,212	364,492			178,583	185,909
(242,956	65,973	0	(74,144)	(234,785)	(1,856,865)	0	0	(516,204)	(1,340,661)

				2017					
Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ 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 ¹ during 2017	Closing Interes Amounts as of Dec 31, 2017
222.020	402.000	440.507		200 020	2 277	2.045	1 611		4.50
322,938 (19,491)	183,609 (9,344)	140,527 (9,231)		366,020 (19,604)	2,277 (909)	3,915 (263)	1,611 (872)		4,58 (30
(2,384,421)	(835,688)	(1,546,252)		(1,673,857)	(25,037)	(20,922)	(20,547)		(25,41
(2,364,421)	(000,000)	(1,540,252)		(1,073,837)	(23,037)	(20,922)	(20,547)		(25,41
(77,605)	(54,325)			(131,930)	0	(1,250)			(1,25
(235,713)	(181,957)	(247,873)		(169,797)	(2,934)	(1,814)	(4,612)		(1,23
74,199	12,908	(63,044)		150,151	1,902	931	(4,838)		7,6
(79,145)	(527,519)	(181,136)		(425,528)	(2,436)	(2,986)	(3,533)		(1,88
(36,728)	(155,112)	180,675		(372,515)	5,691	(121)	(943)		6,5
0	(100,112)	100,010		0	0	()	(0.0)		0,0
(183,801)	234,647			50,846	(246,106)	(154)			(246,26
0	201,011			0	(2.0,100)	()			(2.0,20
0				0	0				
367,291	(306,313)			60,978	12,025	1,441			13,4
31,120	1,063,437	1,726,335		(631,778)	0	(10,106)	33,732		(43,83
31,120	1,000,407	1,720,000		(001,770)	Ü	(10,100)	00,702		(40,00
0	31,120			31,120	0				
(36,728)	(155,112)	180,675	0	(372,515)	5,691	(121)	(943)	0	6,5
(2,184,628)	(389,426)	(180,674)	0	(2,393,380)	(261,218)	(31,207)	941	0	
(2,221,357)	(544,538)	1	0	(2,765,895)	(255,527)	(31,329)	(2)	0	
364,492	267,665	0		632,157	12,571	7,586			20,1
(1,856,865)	(276,873)	1	0	(2,133,738)	(242,956)	(23,743)	(2)	0	(266,6

	2	2018		Pı	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 ²	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 ²	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)
	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)	· · · · · · · · · · · · · · · · · · ·	(31,176)	(11,942)	(68,530)	(1,742,387)	(1,832,449)	(133,180)
		(1,010,001)	0	(01,110)	(11,012)	0	(1,1.12,001)	(1,163)	(1,163)
		(131,930)	(1,250)	(2,457)	(941)	(4,648)	(136,578)	(133,180)	0
		(169,797)	· · · · · · · · · · · · · · · · · · ·	(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	Check to Dispose of Account 0	C	0
		50,846	(246,260)	947	363	(244,950)	☐ Check to Dispose of Account 0	(195,414)	0
		0	0			0	☐ Check to Dispose of Account 0	C	0
		0	0			0	☐ Check to Dispose of Account 0	C	0
		60,978	13,466	1,136	435	15,037	☐ Check to Dispose of Account 0	74,445	0
		(631,778)	(43,838)	(11,767)	(4,507)	(60,112)	☐ Check to Dispose of Account 0	(644,496)	31,120
		31,120	0	580	222	802	☐ 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		(293,367)	(44,575)	(17,075)	(355,017)	(1,970,340)	(2,686,747)	(0)
0	0		(286,854)	(51,513)	(19,733)	(358,100)	(2,345,938)	(3,052,749)	(0)
	_	(,. ==,===)	(===,===)	(5.,5.12)	(10,100)	(555, 555)	(=,0:0,000)	(=,===,: :=)	(-)
		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



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)		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 ³
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	
	Total	847,721,374	897,699	329,466,673	717,327	3,624,729	6,810	844,096,645	890,889	668,660	46,927

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) 2 (\$0.0028)

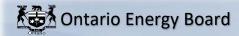
1568 Account Balance from Continuity Schedule 668,660

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

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

² The Threshold Test does not include the amount in 1568.

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



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

Allocation of Group 1 Accounts (including Account 1568)

		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP	
Rate Class	% of Total kWh	Numbers **	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
Total	100.0%	100.0%	100.0%	380,029	(20,409)	(1,878,965)	(174,306)	161,690	(438,378)	668,660

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



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)

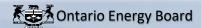
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A			l
II			
es			ı
	Default Rate Rider Recovery Period (in months)	12	
	Proposed Rate Rider Recovery Period (in		
	months)	12	R

Rate Rider Recovery to be used below

		Total Metered Non-RPP 2017	excluding WMP, Class A and Transition				
		Consumption excluding WMP	Customers' Consumption)	% of total kWh	Customers	GA Rate Rider	
		kWh	kWh				
	kWh	11,903,960	11,903,960	3.6%	(\$13,571)	-\$0.0011	kWh
ON	kWh	21,148,523	21,148,523	6.4%	(\$24,110)	-\$0.0011	kWh
ı	kWh	288,897,528	288,897,528	87.7%	(\$329,349)	-\$0.0011	kWh
	kWh	10,074	10,074	0.0%	(\$11)	-\$0.0011	kWh
	kWh	34,755	34,755	0.0%	(\$40)	-\$0.0012	kWh
	kWh	7,471,833	7,471,833	2.3%	(\$8,518)	-\$0.0011	kWh
	Total	329,466,673	329,466,673	100.0%	(\$375,599)		

Non-RPP Metered Consumption for Current

RESIDENTIAL SERVICE CLASSIFICATION
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION
SENTINEL LIGHTING SERVICE CLASSIFICATION
STREET LIGHTING SERVICE CLASSIFICATION



Input required at cells C13 and C14. This workshseet 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)
DVA Proposed Rate Rider Recovery Period (in months)
LRAM Proposed Rate Rider Recovery Period (in months)

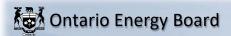
12	
12	Rate Rider Recovery to be used below
12	Rate Rider Recovery to be used below

							raiocation of Group .				
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for		
		Total Metered	Metered kW	kWh less WMP	kW less WMP	Account Balances to All	WMP Classes Only (If	Account Rate	Non-WMP	Account 1568	
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes ²	Applicable) ²	Rider 2	(if applicable) 2	Rate Rider	Revenue Reconcilation 1
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)

¹ 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.

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



Summary - Sharing of Tax Change Forecast Amounts

For the 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
Grossed-up Tax Amount	\$ 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
Sharing of Tax Amount (50%)		\$ 31,120

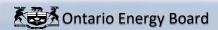


Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

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	Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	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%
Total		57,463	943,516,400	992,900				10,760,640	7,524,362	4,126,587	22,411,589				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Savings by Rate Class	Distribution Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	354,259,333		17,941	0.00	\$/customer	If the allocated tax sharing amount does not produce a rate rider in one
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	132,255,650		5,098	0.0000	kWh	or more rate class (except for the Standby rate class), a distributor is
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	352,142,097	875,678	7,051	0.0000	kW	required to transfer the entire OEB-approved tax sharing amount into
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,179,515		61	0.0000	kWh	account 1595 for disposition at a later date (see Filing Requirements,
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	412,946	1,137	50	0.0000	kW	Appendix B)
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,471,833	20,884	919	0.0000	kW	дррепиіх b)
Total		847,721,374	897,699	\$31,120			



Street Lighting Service Classification

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.

Retail Transmission Rate - Line and Transformation Connection Service Rate

		Unit	Rate	Non-Loss Adjusted Metered	Non-Loss Adjusted	Applicable	Loss Adjusted
Rate Class	Rate Description	Oilit	Nate	kWh	Metered kW	Loss Factor	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		

Non-Loss

7,471,833

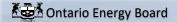
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Non-Loss

20,884



Uniform Transmission Rates	Unit	2017			2018		2019
Rate Description		Rate			Rate		Rate
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
Rate Description		Rate			Rate		Rate
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
Rate Description		Rate			Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
If needed, add extra host here. (II)	Unit	2017			2018		2019
Rate Description		Rate			Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	Historical 2017		Cu	rrent 2018	Fo	recast 2019



In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.

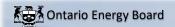
If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO Month	Units Billed	Network Rate	Amount	Lir Units Billed	ne Connecti Rate	Amount	Transfo Units Billed	rmation Conr Rate	nection Amount	Total Connection 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		\$ 270,674	\$ 322,794
March	124,558	\$3.66	\$ 455,882	59,659	\$0.87	\$ 51,903	130,554		\$ 263,720	\$ 315,623
April May	120,828 89,173	\$3.66 \$3.66	\$ 442,230 \$ 326,373	49,674	\$0.87 \$0.87	\$ 43,216 \$ 31,297	136,234		\$ 275,192 \$ 210,005	\$ 318,408 \$ 241,302
June	101,403	\$3.66	\$ 371,135	35,974 42,442	\$0.87	\$ 36,925	103,963 109,318		\$ 210,005 \$ 220,822	\$ 241,302 \$ 257,747
July	102,435	\$3.66	\$ 374,912	53,656	\$0.87	\$ 46,681	118,332		\$ 239,031	\$ 285,712
August	105,537	\$3.66	\$ 386,265	50,499	\$0.87	\$ 43,934	117,948		\$ 238,255	\$ 282,189
September	112,798	\$3.66	\$ 412,840	45,771	\$0.87	\$ 39,811	121,149		\$ 244,724	\$ 284,535
October November	92,228 123,046	\$3.66 \$3.52	\$ 337,555 \$ 433,122	48,851 58,321	\$0.87 \$0.88	\$ 42,500 \$ 51,322	108,504 125,163		\$ 219,178 \$ 266,617	\$ 261,678 \$ 317,939
December	140,107	\$3.52	\$ 493,178	76,511	\$0.88	\$ 67,330	156,676		\$ 333,720	\$ 401,050
Tatal	4 074 507 (0.00	A 4000 007	040.444	0 007		4 400 500	Φ 0.04	A 0.050.400	Φ 0.040.004
Total	1,371,537		\$ 4,982,987	643,414		\$ 561,108			\$ 3,058,123	\$ 3,619,231
Hydro One		Network		Lir	ne Connecti	ion	Transfo	rmation Conr	nection	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	\$ 12,293	20,664	\$1.7493	\$ 36,147	\$ 48,440
February March	17,906 16,913	\$3.1942 \$3.1942	\$ 57,195 \$ 54,025	13,824 13,158	\$0.7710 \$0.7710	\$ 10,658 \$ 10,145	17,946 17,305	\$1.7493 \$1.7493	\$ 31,392 \$ 30,272	\$ 42,050 \$ 40,417
April	14,087	\$3.1942	\$ 44,995	11,091	\$0.7710	\$ 8,551	14,225		\$ 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		\$ 22,069	\$ 29,572
July August	13,559 13,481	\$3.1942 \$3.1942	\$ 43,310 \$ 43,062	10,600 10,780	\$0.7710 \$0.7710	\$ 8,172 \$ 8,312	13,575 13,856		\$ 23,748 \$ 24,239	\$ 31,920 \$ 32,551
September	14,534	\$3.1942	\$ 46,423	11,280	\$0.7710	\$ 8,697	14,886		\$ 26,039	\$ 32,331
October	12,570	\$3.1942	\$ 40,151	9,831	\$0.7710	\$ 7,579	13,024		\$ 22,783	\$ 30,363
November	16,774	\$3.1942	\$ 53,578	12,983	\$0.7710	\$ 10,010	16,994		\$ 29,727	\$ 39,737
December	20,679	\$3.1942	\$ 66,054	16,059		\$ 12,382	20,889		\$ 36,542	\$ 48,923
Total	185,198 \$		\$ 591,558		\$ 0.7710	\$ 112,027			\$ 330,222	\$ 442,249
Add Extra Host Here (I) (if needed)		Network			ne Connecti			rmation Conn		Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	9				\$ -			\$ -		\$ -
February March	9	-			\$ - \$ -			\$ - \$ -		\$ - \$ -
April	3	-			\$ -			\$ -		\$ -
May	\$	-			\$ -			\$ -		\$ -
June	\$	-			\$ -			\$ -		\$ -
July	3	-			\$ - \$ -			\$ - \$ -		\$ - \$ -
August September	9	-			\$ -			\$ - \$ -		\$ -
October	3	-			\$ -			\$ -		\$ -
November	3				\$ -			\$ -		\$ -
December					\$ -			\$ -		\$ -
Total	- 9		\$ -	-	\$ -	\$ -		\$ -	\$ -	\$ -
Add Extra Host Here (II) (if needed)		Network		Lir	ne Connecti	ion	Transfo	rmation Conr	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	\$	-			\$ -			\$ -		\$ -
February	9				\$ -			\$ -		\$ -
March	9				\$ - \$ -			\$ -		\$ -
April May	9	-			\$ -			\$ - \$ -		\$ - \$ -
June		-			\$ -			\$ -		\$ -
July	\$	-			\$ -			\$ -		\$ -
August	3	-			\$ - \$ -			\$ - \$ -		\$ - \$ -
September October	9	-			\$ -			\$ - \$ -		\$ - \$ -
November	3	-			\$ -			\$ -		\$ -
December	\$	-			\$ -			\$ -		\$ -
Total	- 9	-	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
Total		Network		Lir	ne Connecti	ion	Transfo	rmation Conn	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
lanuani	1/7 066 4	3 5005	¢ 520.245	70 000	¢ 0 0400	¢ 66.262	157 200	¢ 1004E	¢ 212.220	\$ 270.604
January February	147,066 \$ 149,690 \$		\$ 529,215 \$ 539,526		\$ 0.8498 \$ 0.8514	\$ 66,362 \$ 62,778		\$ 1.9845 \$ 1.9880	\$ 312,332 \$ 302,066	\$ 378,694 \$ 364,844
March	149,690 \$		\$ 509,907		\$ 0.8521	\$ 62,048			\$ 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 \$		\$ 367,137		\$ 0.8484	\$ 39,023			\$ 232,384	\$ 271,407
June July	113,910 \$ 115,994 \$		\$ 411,086 \$ 418,222		\$ 0.8515 \$ 0.8537	\$ 44,427 \$ 54,853			\$ 242,891 \$ 262,770	\$ 287,319 \$ 317,632
July August	115,994 \$ 119,018 \$		\$ 418,222 \$ 429,327	64,256 61,279	\$ 0.8537 \$ 0.8526	\$ 54,853 \$ 52,246			\$ 262,779 \$ 262,494	\$ 317,632 \$ 314,740
September	127,332		\$ 459,263		\$ 0.8503	\$ 48,508			\$ 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 \$		\$ 486,700	71,304		\$ 61,332			\$ 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
Total	1,556,735	3.58	\$ 5,574,545	788,717	\$ 0.85	\$ 673,135	1,687,337	\$ 2.01	\$ 3,388,345	\$ 4,061,480
							Low Voltage Swi	tchgear Credi	it (if applicable)	\$ -
						Total includin	g deduction for Lo	w Voltage Sw	itchgear Credit	\$ 4,061,480

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

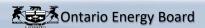
	Transformation Connection Total Connection
Month Units Billed Rate Amount Units Billed Rate Amou	nt Units Billed Rate Amount Amount
February 131,784 \$ 3,6100 \$ 475,740 59,908 \$ 0,9500 \$ 56 March 124,558 \$ 3,6100 \$ 449,654 59,659 \$ 0,9500 \$ 56 April 120,828 \$ 3,6100 \$ 436,189 49,674 \$ 0,9500 \$ 47 May 89,173 \$ 3,6100 \$ 321,915 35,974 \$ 0,9500 \$ 34 June 101,403 \$ 3,6100 \$ 366,065 42,442 \$ 0,9500 \$ 44 July 102,435 \$ 3,6100 \$ 369,790 53,656 \$ 0,9500 \$ 56 August 105,537 \$ 3,6100 \$ 380,989 50,499 \$ 0,9500 \$ 47 September 112,798 \$ 3,6100 \$ 407,201 45,771 \$ 0,9500 \$ 43	9,041 136,725 \$ 2.3400 \$ 319,937 \$ 378,977 6,913 133,997 \$ 2.3400 \$ 313,553 \$ 370,466 6,676 130,554 \$ 2.3400 \$ 305,496 \$ 362,172 7,190 136,234 \$ 2.3400 \$ 318,788 \$ 365,978 4,175 103,963 \$ 2.3400 \$ 243,273 \$ 277,449 0,320 109,318 \$ 2.3400 \$ 255,804 \$ 296,124 0,973 118,332 \$ 2.3400 \$ 276,897 \$ 327,870 7,974 117,948 \$ 2.3400 \$ 275,998 \$ 323,972 3,482 121,149 \$ 2.3400 \$ 283,489 \$ 326,971 5,408 108,504 \$ 2.3400 \$ 253,899 \$ 300,308
	5,405 125,163 \$ 2,3400 \$ 292,881 \$ 348,286 2,685 156,676 \$ 2,3400 \$ 366,622 \$ 439,307
Total 1,371,537 \$ 3.61 \$ 4,951,249 643,414 \$ 0.95 \$ 611	1,243 1,498,563 \$ 2.34 \$ 3,506,637 \$ 4,117,881
Hydro One Network Line Connection	Transformation Connection Total Connection
Month Units Billed Rate Amount Units Billed Rate Amou	nt Units Billed Rate Amount Amount
February 17,906 \$ 3.1942 \$ 57,195 13,824 \$ 0,7710 \$ 11 March 16,913 \$ 3.1942 \$ 54,025 13,158 \$ 0.7710 \$ 10 April 14,087 \$ 3.1942 \$ 44,995 11,091 \$ 0.7710 \$ 10 May 12,762 \$ 3.1942 \$ 40,764 10,021 \$ 0.7710 \$ 7 June 12,507 \$ 3.1942 \$ 39,951 9,731 \$ 0.7710 \$ 7 July 13,559 \$ 3.1942 \$ 43,310 10,600 \$ 0.7710 \$ 8 August 13,481 \$ 3.1942 \$ 43,062 10,780 \$ 0.7710 \$ 8 September 14,534 \$ 3.1942 \$ 46,423 11,280 \$ 0.7710 \$ 8 October 12,570 \$ 3.1942 \$ 40,151 9,831 \$ 0.7710 \$ 8 November 16,774 \$ 3.1942 \$ 53,578 12,983 \$ 0.7710 \$ 12 December 20,679 \$ 3.1942 \$ 66,054 16,059	2,294 20,664 \$ 1.7493 \$ 36,148 \$ 48,441 0,658 17,946 \$ 1.7493 \$ 31,393 \$ 42,051 0,145 17,305 \$ 1.7493 \$ 30,272 \$ 40,417 3,551 14,225 \$ 1.7493 \$ 24,884 \$ 33,435 7,726 12,793 \$ 1.7493 \$ 22,379 \$ 30,105 7,502 12,616 \$ 1.7493 \$ 22,069 \$ 29,572 3,172 13,575 \$ 1.7493 \$ 23,748 \$ 31,920 3,312 13,856 \$ 1.7493 \$ 24,239 \$ 32,551 3,697 14,886 \$ 1.7493 \$ 26,039 \$ 34,736 7,579 13,024 \$ 1.7493 \$ 22,783 \$ 30,363 0,010 16,994 \$ 1.7493 \$ 29,727 \$ 39,737 2,382 20,889 \$ 1.7493 \$ 36,542 \$ 48,923 2,028 188,774 \$ 1.75 \$ 330,223 \$ 442,251
Add Extra Host Here (I) Network Line Connection	Transformation Connection Total Connection
Month Units Billed Rate Amount Units Billed Rate Amou	
January - \$ </th <th>-</th>	-
February - \$<	-
February - \$<	
February	-
February - \$ - \$ - \$ - \$ - \$ - \$ Amarch - \$ - \$ - \$ - \$ - \$ April - \$ - \$ - \$ - \$ - \$ - \$ - \$ April - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-
February	-

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



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		Lin	ne Connectio	on	Transfor	rmation Con	nection	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			\$ 475,740			\$ 56,913			\$ 313,553	\$ 370,466
March			\$ 449,654			\$ 56,676	130,554 136,234		\$ 305,496	\$ 362,172
April May			\$ 436,189 \$ 321,915			\$ 47,190 \$ 34,175			\$ 318,788 \$ 243,273	\$ 365,978 \$ 277,449
June			\$ 366,065			\$ 40,320			\$ 255,804	\$ 296,124
July			\$ 369,790			\$ 50,973			\$ 276,897	\$ 327,870
August			\$ 380,989	50,499		\$ 47,974	117,948		\$ 275,998	\$ 323,972
September			\$ 407,201			\$ 43,482			\$ 283,489	\$ 326,971 \$ 300,308
October November			\$ 332,943 \$ 444,196			\$ 46,408 \$ 55,405			\$ 253,899 \$ 292,881	\$ 300,308 \$ 348,286
December			\$ 505,786			\$ 72,685			\$ 366,622	\$ 439,307
Total	1,371,537	\$ 3.61	\$ 4,951,249	643,414	\$ 0.95	\$ 611,243	1,498,563	\$ 2.34	\$ 3,506,637	\$ 4,117,881
Hydro One		Network			ne Connectio			rmation Con		Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February		\$ 3.1942 \$ 3.1942	\$ 62,051 \$ 57,195		\$ 0.7710 \$ 0.7710	\$ 12,294 \$ 10,658	20,664 17,946		\$ 36,148 \$ 31,393	\$ 48,441 \$ 42,051
March			\$ 54,025	13,158		\$ 10,145	17,305		\$ 30,272	\$ 40,417
April			\$ 44,995			\$ 8,551			\$ 24,884	\$ 33,435
May			\$ 40,764			\$ 7,726			\$ 22,379	\$ 30,105
June			\$ 39,951	9,731		\$ 7,502	12,616		\$ 22,069	\$ 29,572
July			\$ 43,310			\$ 8,172 \$ 9,312			\$ 23,748	\$ 31,920 \$ 32,551
August September			\$ 43,062 \$ 46,423			\$ 8,312 \$ 8,697	13,856 14,886		\$ 24,239 \$ 26,039	\$ 32,551 \$ 34,736
October			\$ 40,423 \$ 40,151	9,831		\$ 7,579	13,024		\$ 22,783	\$ 34,736
November			\$ 53,578			\$ 10,010			\$ 29,727	\$ 39,737
December		\$ 3.1942				\$ 12,382			\$ 36,542	\$ 48,923
Total	185,198	\$ 3.19	\$ 591,560	145,303	\$ 0.77	\$ 112,028	188,774	\$ 1.75	\$ 330,223	\$ 442,251
Add Extra Host Here (I)		Network		Lin	ne Connectic	on	Transfor	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-		\$ -	-		\$ -	-		\$ -	\$ -
February	-	-	\$ -	-	Ŧ	\$ -	-		\$ -	\$ -
March	-		\$ -	-		\$ -	-	\$ -	\$ -	\$ -
April May	-		\$ - \$ -	-		\$ - \$ -	-	\$ - \$ -	\$ - \$ -	\$ - \$ -
June	-		\$ - \$ -	-		\$ -	-	Ŧ	\$ -	\$ -
July	-	\$ -	\$ -	-		\$ -	-	\$ -	\$ -	\$ -
August	-	-	\$ -	-		\$ -	-	\$ -	\$ -	\$ -
September	-	-	\$ -	-	-	\$ -	-	\$ -	\$ -	\$ -
October	-	T	\$ -	-		\$ -	-		\$ -	\$ -
November December	-		\$ - \$ -			\$ - \$ -	-		\$ - \$ -	\$ - \$ -
December		Ψ	Ψ.		Ψ	Ψ		Ÿ	•	V
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Add Extra Host Here (II)		Network		Lin	ne Connectio	on	Transfor	rmation Con	nection	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	-	7	\$ - \$ -	-	7	\$ - \$ -	-	\$ - \$ -	\$ - \$ -	\$ - \$ -
November	-		\$ -	-		\$ -	-		\$ -	\$ -
December	-		\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total		\$ -	\$ -		\$ -	\$ -	-	\$ -	\$ -	\$ -
Total		Network		Lin	ne Connectio	on	Transfor	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
Month										
	147,066	\$ 3.56			\$ 0.91		Units Billed 157,389 151,943	\$ 2.26	Amount \$ 356,084 \$ 344,946	Amount \$ 427,418 \$ 412,517
Month January	147,066 149,690 141,471	\$ 3.56 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679	78,093 73,732 72,817	\$ 0.91 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821	157,389 151,943 147,859	\$ 2.26 \$ 2.27 \$ 2.27	\$ 356,084 \$ 344,946 \$ 335,769	\$ 427,418 \$ 412,517 \$ 402,590
Month January February March April	147,066 149,690 141,471 134,915	\$ 3.56 \$ 3.56 \$ 3.56 \$ 3.57	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185	78,093 73,732 72,817 60,765	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742	157,389 151,943 147,859 150,459	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413
Month January February March April May	147,066 149,690 141,471 134,915 101,935	\$ 3.56 \$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679	78,093 73,732 72,817 60,765 45,995	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902	157,389 151,943 147,859 150,459 116,756	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554
Month January February March April May June	147,066 149,690 141,471 134,915 101,935 113,910	\$ 3.56 \$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016	78,093 73,732 72,817 60,765 45,995 52,173	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822	157,389 151,943 147,859 150,459 116,756 121,934	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696
Month January February March April May June July	147,066 149,690 141,471 134,915 101,935 113,910 115,994	\$ 3.56 \$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100	78,093 73,732 72,817 60,765 45,995 52,173 64,256	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822 \$ 59,146	157,389 151,943 147,859 150,459 116,756 121,934 131,907	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,644	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790
Month January February March April May June July August	147,066 149,690 141,471 134,915 101,935 113,910 115,994	\$ 3.56 \$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100 \$ 424,051	78,093 73,732 72,817 60,765 45,995 52,173	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822	157,389 151,943 147,859 150,459 116,756 121,934	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,644 \$ 300,237	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790 \$ 356,523
Month January February March April May June June	147,066 149,690 141,471 134,915 101,935 113,910 115,994 119,018	\$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100 \$ 424,051	78,093 73,732 72,817 60,765 45,995 52,173 64,256 61,279 57,051	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822 \$ 59,146 \$ 56,286	157,389 151,943 147,859 150,459 116,756 121,934 131,907 131,804 136,035	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,644 \$ 300,237	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790 \$ 356,523
Month January February March April May June July August September October November	147,066 149,690 141,471 134,915 101,935 113,910 115,994 119,018 127,332 104,798 139,820	\$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100 \$ 424,051 \$ 453,621 \$ 373,094 \$ 497,774	78,093 73,732 72,817 60,765 45,995 52,173 64,256 61,279 57,051 58,682 71,304	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822 \$ 59,146 \$ 56,286 \$ 52,179 \$ 53,988 \$ 65,415	157,389 151,943 147,859 150,459 116,756 121,934 131,907 131,804 136,035 121,528 142,157	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,644 \$ 300,237 \$ 309,528 \$ 276,683 \$ 276,683 \$ 322,608	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790 \$ 356,523 \$ 361,707 \$ 330,671 \$ 388,023
Month January February March April May June July August September October	147,066 149,690 141,471 134,915 101,935 113,910 115,994 119,018 127,332 104,798 139,820	\$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100 \$ 424,051 \$ 453,624 \$ 373,094	78,093 73,732 72,817 60,765 45,995 52,173 64,256 61,279 57,051 58,682	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822 \$ 59,146 \$ 56,286 \$ 52,179 \$ 53,988 \$ 65,415	157,389 151,943 147,859 150,459 116,756 121,934 131,907 131,804 136,035 121,528 142,157	\$ 2.26 \$ 2.27 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,644 \$ 300,237 \$ 309,528 \$ 276,683	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790 \$ 356,523 \$ 361,707 \$ 330,671
Month January February March April May June July August September October November	147,066 149,690 141,471 134,915 101,935 113,910 115,994 119,018 127,332 104,798 139,820	\$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100 \$ 424,051 \$ 453,621 \$ 373,094 \$ 497,774	78,093 73,732 72,817 60,765 45,995 52,173 64,256 61,279 57,051 58,682 71,304	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822 \$ 59,146 \$ 56,286 \$ 52,179 \$ 53,988 \$ 65,415 \$ 85,067	157,389 151,943 147,859 150,459 116,756 121,934 131,907 131,804 136,035 121,528 142,157	\$ 2.26 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.27	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,644 \$ 300,237 \$ 309,528 \$ 276,683 \$ 276,683 \$ 322,608	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790 \$ 356,523 \$ 361,707 \$ 330,671 \$ 388,023
Month January February March April May June July August September October November December	147,066 149,690 141,471 134,915 101,935 113,910 115,994 119,018 127,332 104,798 139,820 160,786	\$ 3.56 \$ 3.56 \$ 3.57 \$ 3.56 \$ 3.56	\$ 522,831 \$ 532,936 \$ 503,679 \$ 481,185 \$ 362,679 \$ 406,016 \$ 413,100 \$ 424,051 \$ 453,624 \$ 373,094 \$ 497,774 \$ 571,841	78,093 73,732 72,817 60,765 45,995 52,173 64,256 61,279 57,051 58,682 71,304 92,570	\$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.91 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92 \$ 0.92	\$ 71,334 \$ 67,571 \$ 66,821 \$ 55,742 \$ 41,902 \$ 47,822 \$ 59,146 \$ 56,286 \$ 52,179 \$ 53,988 \$ 65,415 \$ 85,067	157,389 151,943 147,859 150,459 116,756 121,934 131,907 131,804 136,035 121,528 142,157	\$ 2.26 \$ 2.27 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.28 \$ 2.27 \$ 2.27 \$ 2.27	\$ 356,084 \$ 344,946 \$ 335,769 \$ 343,671 \$ 265,653 \$ 277,874 \$ 300,237 \$ 309,528 \$ 276,683 \$ 276,683 \$ 322,608 \$ 403,164	\$ 427,418 \$ 412,517 \$ 402,590 \$ 399,413 \$ 307,554 \$ 325,696 \$ 359,790 \$ 356,523 \$ 361,707 \$ 330,671 \$ 388,023 \$ 488,231



Adjusted

Current

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 %	Wholesale Billing	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 RT	S 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	1,210,200	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 I	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
Rate Class Residential Service Classification	Rate Description Retail Transmission Rate - Network Service Rate		RTSR-Network	Billed kWh		Amount	Amount %	Wholesale Billing	RTSR- Network
	•	Unit \$/kWh \$/kWh	•	Billed kWh 373,389,337	Billed kW	Amount 2,128,913		Wholesale Billing 2,128,913	RTSR-
Residential Service Classification General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0057 0.0043	Billed kWh	0	Amount 2,128,913 592,722	Amount % 38.4% 10.7%	Wholesale Billing 2,128,913 592,722	RTSR- Network 0.0057 0.0043
Residential Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh	RTSR-Network 0.0057	Billed kWh 373,389,337 139,397,455	0	Amount 2,128,913 592,722 2,780,288	Amount % 38.4%	Wholesale Billing 2,128,913 592,722 2,780,288	RTSR- Network 0.0057
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh	0.0057 0.0043 3.1750 0.0043	Billed kWh 373,389,337	0 0 875,678 0	Amount 2,128,913 592,722 2,780,288 5,286	38.4% 10.7% 50.2% 0.1%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286	RTSR- Network 0.0057 0.0043 3.1750 0.0043
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW	0.0057 0.0043 3.1750	Billed kWh 373,389,337 139,397,455	0 0 875,678	Amount 2,128,913 592,722 2,780,288	38.4% 10.7% 50.2%	Wholesale Billing 2,128,913 592,722 2,780,288	RTSR- Network 0.0057 0.0043 3.1750
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh	0.0057 0.0043 3.1750 0.0043 1.7063	Billed kWh 373,389,337 139,397,455	0 0 875,678 0 1,137	Amount 2,128,913 592,722 2,780,288 5,286 1,940	38.4% 10.7% 50.2% 0.1% 0.0%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh	0.0057 0.0043 3.1750 0.0043 1.7063	Billed kWh 373,389,337 139,397,455	0 0 875,678 0 1,137	Amount 2,128,913 592,722 2,780,288 5,286 1,940	38.4% 10.7% 50.2% 0.1% 0.0%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned in the service classification	Retail Transmission Rate - Network Service Rate RETS Connection Rates to recover future wholesale connection costs.	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kW	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted	0 0 875,678 0 1,137 20,884	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed	38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount %	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR-
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned I Rate Class Residential Service Classification	Retail Transmission Rate - Network Service Rate RETS Connection Rates to recover future wholesale connection costs.	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kW	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted Billed kWh 373,389,337	0 0 875,678 0 1,137 20,884 Billed kW	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed	Amount % 38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount % 39.2%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale Billing 1,787,833	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR-
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned I Rate Class	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kW	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted Billed kWh	0 0 875,678 0 1,137 20,884	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed Amount	38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount %	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale Billing	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR- Connection
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned I Rate Class Residential Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kW	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted Billed kWh 373,389,337	0 0 875,678 0 1,137 20,884 Billed kW	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed Amount 1,787,833	Amount % 38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount % 39.2%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale Billing 1,787,833	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR- Connection 0.0048
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned I Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kWh \$/kWh \$/kW \$/kWh	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection 0.0048 0.0034	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted Billed kWh 373,389,337	0 0 875,678 0 1,137 20,884 Billed kW	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed Amount 1,787,833 471,142 2,267,921 4,202	38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount % 39.2% 10.3%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale Billing 1,787,833 471,142 2,267,921 4,202	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR- Connection 0.0048 0.0034
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned I Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW Unit \$/kWh \$/kWh \$/kWh \$/kWh	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection 0.0048 0.0034 2.5899	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted Billed kWh 373,389,337 139,397,455	0 0 875,678 0 1,137 20,884 Billed kW	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed Amount 1,787,833 471,142 2,267,921 4,202 1,582	38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount % 39.2% 10.3% 49.7% 0.1% 0.0%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale Billing 1,787,833 471,142 2,267,921 4,202 1,582	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR- Connection 0.0048 0.0034 2.5899
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned I Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kWh \$/kWh \$/kWh	0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Adjusted RTSR- Connection 0.0048 0.0034 2.5899 0.0034	Billed kWh 373,389,337 139,397,455 1,243,209 Loss Adjusted Billed kWh 373,389,337 139,397,455	0 0 875,678 0 1,137 20,884 Billed kW	Amount 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Billed Amount 1,787,833 471,142 2,267,921 4,202	38.4% 10.7% 50.2% 0.1% 0.0% 0.6% Billed Amount % 39.2% 10.3% 49.7% 0.1%	Wholesale Billing 2,128,913 592,722 2,780,288 5,286 1,940 33,659 Current Wholesale Billing 1,787,833 471,142 2,267,921 4,202	RTSR- Network 0.0057 0.0043 3.1750 0.0043 1.7063 1.6117 Proposed RTSR- Connection 0.0048 0.0034 2.5899 0.0034



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.

0.00%

Productivity

Factor

Price Escalator 1.20%

Choose Stretch Factor Group	III	Price Cap Index	0.90%	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		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	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
		13,565,970	•					13,564,729

of Residential Customers

(approved in the last CoS)

Effective Year of

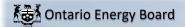
Residential Rate

Design Transition (yyyy)

2016

42,512

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



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

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

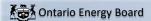
As of		May 1, 2018
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

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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In the Green Cells below, emter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below.

In column A, the rate rider descriptions must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu.

RESIDENTIAL SERVICE CLASSIFICATION		
	- effective until	
OFNEDAL GEDVICE LEGG THAN 50 KM GEDVICE OF ADDITION		
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	- effective until	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		
CENTENTE CENTICE OF 10 4,333 KM CENTICE CEMBOIFICATION	- effective until	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		
	- effective until	
SENTINEL LIGHTING SERVICE CLASSIFICATION		
	- effective until	
STREET LIGHTING SERVICE CLASSIFICATION		
	- effective until	
THE OFFICE OF ACCIPION AND ACCIPION TO A SECOND ACCIDING THE ACCIDING		
microFIT SERVICE CLASSIFICATION	- offactive until	
	- effective until	

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.

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

Effective and Implementation Date May 1, 2019
This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)

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

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
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

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.

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

Effective and Implementation Date May 1, 2019

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

			ED-2010-0034
R	etail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5899
N	IONTHLY RATES AND CHARGES - Regulatory Component		
W	/holesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
С	apacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
R	ural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
S	tandard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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.

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

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

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.

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

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.

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

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

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
9011100 0110190	Ψ	0.10

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

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
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	\$ 22.35
(with the exception of wireless attachments)	

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.

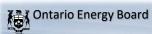
Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

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



The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.

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

Note:

- 1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- 2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0540	1.054	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		RPP	1.0540	1.054	5,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0540	1.054	68,500	190	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	1.0540	1.054	397		N/A	
SENTINEL LIGHTING SERVICE CLASSIFICATION		RPP	1.0540	1.054	36	0	DEMAND	
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0540	1.054	507,000	1,623	DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0540	1.054	205		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION		RPP	1.0540	1.054	2,000		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

Table 2			Total				
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Α		В	С	Total Bill	
		\$	%	\$ %	\$ %	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP							
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP							
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)							
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP							
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP							
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)							
RESIDENTIAL SERVICE CLASSIFICATION - RPP							
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP							

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

750 kWh - kW 1.0540 Consumption Demand Current Loss Factor Proposed/Approved Loss Factor

		Current OE	B-Approved	d			Proposed				Impact		
		late	Volume		Charge		Rate	Volume		Charge			
	_	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	24.07		\$	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	
Sub-Total A (excluding pass through)	4.			\$	26.47				\$	27.06	\$	0.59	2.21%
Line Losses on Cost of Power	\$	0.0820	41	\$	3.32	\$	0.0820	41	\$	3.32	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	-	750	\$	_	-\$	0.0024	750	\$	(1.80)	\$	(1.80)	
Riders				Ţ		I				()		()	
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	s	_	\$	_	1	\$	_	\$	_	
Additional Volumetric Rate Riders	1*	_	750	\$	_	\$		750	\$	_	\$	_	
Sub-Total B - Distribution (includes			700			Ψ	_	100			Ÿ		
Sub-Total A)				\$	30.51				\$	29.30	\$	(1.22)	-3.98%
RTSR - Network	\$	0.0059	791	\$	4.66	\$	0.0057	791	\$	4.51	\$	(0.16)	-3.39%
RTSR - Connection and/or Line and	s	0.0051	791	\$	4.03	\$	0.0048	791	\$	3.79	\$	(0.24)	-5.88%
Transformation Connection	*	0.000.		Ť		Υ.	0.00.0		_	00	•	(0.2.)	0.0070
Sub-Total C - Delivery (including Sub-				\$	39.21				\$	37.60	\$	(1.61)	-4.11%
Total B)				٠					•		*	(,	
Wholesale Market Service Charge	s	0.0036	791	\$	2.85	\$	0.0036	791	\$	2.85	\$	_	0.00%
(WMSC)	1			*		Τ.			*		-		*****
Rural and Remote Rate Protection	\$	0.0003	791	\$	0.24	\$	0.0003	791	\$	0.24	\$	-	0.00%
(RRRP)					0.05								
Standard Supply Service Charge	\$	0.25	1	\$	0.25		0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	488 128	\$	31.69		0.0650	488	\$	31.69	\$	-	0.00%
TOU - Mid Peak	\$	0.0940		\$		\$	0.0940	128	\$	11.99	\$	-	0.00%
TOU - On Peak	\$	0.1320	135	\$	17.82	\$	0.1320	135	\$	17.82	\$	-	0.00%
					101					100 :-	_	(4.6	4 5-01
Total Bill on TOU (before Taxes)	1	,		\$	104.03		4001		\$	102.42	\$	(1.61)	-1.55%
HST	1	13%		\$	13.52		13%		\$	13.31		(0.21)	-1.55%
8% Rebate		8%		\$	(8.32)		8%		\$	(8.19)	\$	0.13	4 ===/
Total Bill on TOU				\$	109.23				\$	107.54	\$	(1.69)	-1.55%

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION RPP / Non-RPP: RPP

5,000 kWh - kW Consumption Demand

Current Loss Factor	1.0540
Proposed/Approved Loss Factor	1.0540

		Current OEB-Approved				Propose	ed	Impact		
		Rate	Volume	Charge	Rate	Volume	Charge	0.01	0/ 01	
M #11 0 : 01	_	(\$)		(\$)	(\$)	0.5	(\$) 1 \$ 22.35	\$ Change	% Change	
Monthly Service Charge Distribution Volumetric Rate	\$	22.15 0.0191	5000	\$ 22.15 \$ 95.50	\$ 22 \$ 0.0	.35 93 500			0.90% 1.05%	
Fixed Rate Riders	9	0.0191	5000	\$ 95.50	\$ 0.0	300	0 \$ 90.50	\$ 1.00	1.05%	
Volumetric Rate Riders	3	-	5000	- e	\$ 0.0	118 500	0 \$ 9.00			
Sub-Total A (excluding pass through)	ų.	•	3000	\$ 117.65	φ 0.0	300	\$ 127.85		8.67%	
Line Losses on Cost of Power	s	0.0820	270	\$ 22.14	\$ 0.0	320 270			0.00%	
Total Deferral/Variance Account Rate	l.	0.0020		•			· ·		0.0070	
Riders	\$	-	5,000	\$ -	-\$ 0.0	5,000	(11.50)) \$ (11.50)		
CBR Class B Rate Riders	\$	-	5,000	\$ -	\$	5,000) \$ -	\$ -		
GA Rate Riders	s .	-		\$ -	\$	5.000		\$ -		
Low Voltage Service Charge	s .	0.0001	5.000	\$ 0.50	\$ 0.0	5.000	\$ 0.50	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	۾ ا	0.57	4	\$ 0.57			1 \$ 0.57		0.00%	
	3	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) \$ -	\$ -		
Sub-Total B - Distribution (includes				\$ 140.86			\$ 139.56	\$ (1.30)	-0.92%	
Sub-Total A)				•				,		
RTSR - Network	\$	0.0044	5,270	\$ 23.19	\$ 0.0	5,270	\$ 22.66	\$ (0.53)	-2.27%	
RTSR - Connection and/or Line and	\$	0.0036	5,270	\$ 18.97	\$ 0.0	5,270	\$ 17.92	\$ (1.05)	-5.56%	
Transformation Connection			Ť			·		, ,		
Sub-Total C - Delivery (including Sub-				\$ 183.02			\$ 180.14	\$ (2.88)	-1.57%	
Total B) Wholesale Market Service Charge										
(WMSC)	\$	0.0036	5,270	\$ 18.97	\$ 0.0	5,270	\$ 18.97	\$ -	0.00%	
Rural and Remote Rate Protection										
(RRRP)	\$	0.0003	5,270	\$ 1.58	\$ 0.0	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	\$ 0.0	3,250	\$ 211.25	\$ -	0.00%	
TOU - Mid Peak	\$	0.0940	850	\$ 79.90	\$ 0.0	850	9.90	\$ -	0.00%	
TOU - On Peak	\$	0.1320	900	\$ 118.80	\$ 0.1	900	\$ 118.80	\$ -	0.00%	
Total Bill on TOU (before Taxes)				\$ 613.77			\$ 610.89			
HST		13%		\$ 79.79		3%	\$ 79.42		-0.47%	
8% Rebate		8%		\$ (49.10)		8%	\$ (48.87)			
Total Bill on TOU				\$ 644.46			\$ 641.43	\$ (3.03)	-0.47%	

Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved						Proposed		Impact		
	Rate		Volume	Charge		Rate	Volume	Charge			
	(\$)			(\$)		(\$)		(\$)		Change	% Change
Monthly Service Charge		68.99		\$ 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	
Sub-Total A (excluding pass through)				\$ 1,003.22				\$ 1,079.85		76.63	7.64%
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$	-	
Total Deferral/Variance Account Rate	•	_	190	\$ -	-\$	0.9269	190	\$ (176.11)	\$	(176.11)	
Riders	ľ			Ψ	Ψ	0.0200		ψ (170.11)	۳	(170.11)	
CBR Class B Rate Riders	\$	-	190	\$ -	\$	-	190	\$ -	\$	-	
GA Rate Riders	\$	-		\$ -	-\$	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	ľ		190	\$ -	\$	_	190	\$ -	\$	-	
Sub-Total B - Distribution (includes				\$ 1,022.74				\$ 847.90	\$	(174.83)	-17.09%
Sub-Total A)				*						, ,,	
RTSR - Network	\$ 3	.2855	190	\$ 624.25	\$	3.1750	190	\$ 603.25	\$	(21.00)	-3.36%
RTSR - Connection and/or Line and	\$ 2	.7586	190	\$ 524.13	\$	2.5899	190	\$ 492.08	œ	(32.05)	-6.12%
Transformation Connection	4 2	.7300	190	φ 324.13	φ	2.3099	190	φ 492.00	Ģ	(32.03)	-0.12/0
Sub-Total C - Delivery (including Sub-				\$ 2,171.12				\$ 1,943.23	\$	(227.88)	-10.50%
Total B)				Ψ 2,171.12				ų 1,343.23	۳	(227.00)	-10.30 /6
Wholesale Market Service Charge	s o	.0036	72,199	\$ 259.92	\$	0.0036	72,199	\$ 259.92	\$	_	0.00%
(WMSC)	l*	.0000	72,100	Ψ 200.02	Ψ	0.0000	72,100	Ψ 200.02	۳		0.0070
Rural and Remote Rate Protection	s o	.0003	72,199	\$ 21.66	\$	0.0003	72,199	\$ 21.66	\$	_	0.00%
(RRRP)	I.		12,100		Ť		12,100	·			
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%
Total Bill on Average IESO Wholesale Market Price	1			\$ 10,402.05				\$ 10,174.17		(227.88)	-2.19%
HST		13%		\$ 1,352.27		13%		\$ 1,322.64		(29.62)	-2.19%
Total Bill on Average IESO Wholesale Market Price				\$ 11,754.32				\$ 11,496.81	\$	(257.51)	-2.19%

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption

397 kWh - kW Demand 1.0540 Current Loss Factor

Proposed/Approved Loss Factor	1.0540	
	г	
	ļ	
	ļ	_
Monthly Sonios Chargo		

	Current OEB-Approved				Proposed	Impact		
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.24	007	\$ -	\$ 7.31		\$ -	\$ -	0.040/
Distribution Volumetric Rate	\$ 0.0110	397	\$ 4.37 \$ -	\$ 0.0111	397	\$ 4.41 \$ -	\$ 0.04	0.91%
Fixed Rate Riders	-	007	T	5 -	1	Ψ	\$ -	
Volumetric Rate Riders	\$ -	397	\$ - \$ 4.37	\$ -	397	\$ -	\$ -	0.040/
Sub-Total A (excluding pass through)	\$ 0.0820	21	\$ 4.37 \$ 1.76	\$ 0.0820	21	\$ 4.41 \$ 1.76		0.91% 0.00%
Line Losses on Cost of Power Total Deferral/Variance Account Rate	\$ 0.0820	21	\$ 1.76	\$ 0.0820	21	\$ 1.76	5 -	0.00%
	\$ -	397	\$ -	-\$ 0.0023	397	\$ (0.91)	\$ (0.91)	
Riders CBR Class B Rate Riders	e	397	\$ -	•	397	\$ -	\$ -	
GA Rate Riders	- -	397	\$ -	ф -	397	\$ -	ъ -	
Low Voltage Service Charge	\$ 0.0001	397	\$ 0.04	\$ 0.0001	397	\$ 0.04	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.0001	391	\$ 0.04	\$ 0.0001	391	\$ 0.04	ъ -	0.00%
Smart Meter Entity Charge (ii applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		397	\$ -	\$ -	397	\$ -	\$ -	
Sub-Total B - Distribution (includes			\$ 6.16			\$ 5.29	\$ (0.87)	-14.17%
Sub-Total A)			*			•	,	
RTSR - Network	\$ 0.0044	418	\$ 1.84	\$ 0.0043	418	\$ 1.80	\$ (0.04)	-2.27%
RTSR - Connection and/or Line and	\$ 0.0036	418	\$ 1.51	\$ 0.0034	418	\$ 1.42	\$ (0.08)	-5.56%
Transformation Connection	\$ 0.0036	410	ψ 1.31	\$ 0.0034	410	φ 1.42	\$ (0.00)	-5.50 %
Sub-Total C - Delivery (including Sub-			\$ 9.51			\$ 8.51	\$ (1.00)	-10.50%
Total 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			258		\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	67	\$ 6.34	\$ 0.0940	67		\$ -	0.00%
TOU - On Peak	\$ 0.1320	71	\$ 9.43		71			0.00%
100 0.1. Jun	1 ¥ 0.1320	/ 1	9.43	ψ 0.1320	/	Ψ 9.43	Ψ -	0.00 /6
Total Bill on TOU (before Taxes)			\$ 43.94			\$ 42.94	\$ (1.00)	-2.27%
HST	13%	J	\$ 5.71	13%	1	\$ 5.58		-2.27%
Total Bill on TOU	10%		\$ 49.66			\$ 48.53	. (/	-2.27%
						10.00	, , , , , , , , , , , ,	

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION RPP / Non-RPP: RPP

36 kWh 0 kW 1.0540 1.0540 Consumption Demand

Current Loss Factor Proposed/Approved Loss Factor

		Current Of	B-Approve	d		П		Proposed	ı			lm	pact
		Rate (\$)	Volume	(Charge		Rate	Volume		Charge		01	0/ Oh
	•			•	(\$)		(\$)	•		(\$)	, \$	Change	% Change
Monthly Service Charge	\$	4.02	0.4	\$	-	\$	4.06		\$	-	\$	-	0.000/
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		- 100	\$	0.2076	0.1		0.02	\$	0.02	0.540/
Sub-Total A (excluding pass through)		0.0820	0	\$	1.29	\$	0.0820	0	\$	1.32 0.16	\$	0.03	2.51% 0.00%
Line Losses on Cost of Power	3	0.0820	2	\$	0.16	э	0.0820	2	Э	0.16	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	-	0	\$	-	-\$	0.8397	0	\$	(80.0)	\$	(0.08)	
Riders			0					0		, ,		` ′	
CBR Class B Rate Riders	a a	•	0 36	\$	-	\$	-	_	\$	-	\$	-	
GA Rate Riders	\$	0.0545	36	\$	0.01	\$	0.0545	36 0	\$	0.01	\$	-	0.00%
Low Voltage Service Charge	Þ	0.0545	U	\$	0.01	э	0.0545	U	Э	0.01	Э	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$		1	\$	_	\$	_	1	\$	_	\$	-	
Additional Volumetric Rate Riders	Ť		0	ŝ	_	\$	_	0	\$	_	\$	-	
Sub-Total B - Distribution (includes				s	1.46	Ť				1.40	s	(0.05)	-3.54%
Sub-Total A)				Þ	1.46				\$	1.40	Þ	(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	\$	1.4823	0	\$	0.15		1.3917	0	\$	0.14	•	(0.01)	-6.11%
Transformation Connection	ð	1.4023	U	Þ	0.15	P	1.3917	0	Ф	0.14	Þ	(0.01)	-0.1176
Sub-Total C - Delivery (including Sub-				\$	1.78				\$	1.71	\$	(0.07)	-3.74%
Total B)				<u> </u>		1						(,	
Wholesale Market Service Charge	\$	0.0036	38	\$	0.14	\$	0.0036	38	\$	0.14	\$	-	0.00%
(WMSC)				1		1							
Rural and Remote Rate Protection	\$	0.0003	38	\$	0.01	\$	0.0003	38	\$	0.01	\$	-	0.00%
(RRRP)		0.05	1		0.05		0.05	4	Φ.	0.25			0.00%
Standard Supply Service Charge	3	0.25 0.0650	23	\$	0.25 1.52		0.25 0.0650		\$	1.52	\$	-	0.00%
TOU - Off Peak TOU - Mid Peak	a a	0.0650	23 6	\$	0.58		0.0650	23 6	\$	0.58	\$	-	0.00%
TOU - Mid Peak TOU - On Peak	\$	0.0940	6				0.0940	6	\$	0.86		-	
100 - Oli Peak	Þ	0.1320	6	Þ	0.86	Þ	0.1320	б	Þ	0.86	Þ	-	0.00%
Total Bill on TOU (before Taxes)				s	5.13				\$	5.06	s	(0.07)	-1.30%
HST		13%		\$	0.67		13%		\$	0.66	\$	(0.01)	-1.30%
Total Bill on TOU		1070		S	5.80		1070		\$	5.72		(0.08)	-1.30%
	_			*	0.00	_			Ť	J.12	Ψ	(0.00)	-1.30 /0

Current Loss Factor Proposed/Approved Loss Factor

		Current OF	B-Approved	i		Propos	ed	In	npact
	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 16	23 \$ 4,429.82	\$ 39.44	0.90%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1 \$ -	\$ -	
Volumetric Rate Riders	\$	-	1623		\$ 0.	0180 16	23 \$ 29.21	\$ 29.21	
Sub-Total A (excluding pass through)				\$ 4,390.38			\$ 4,459.03	\$ 68.65	1.56%
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	\$	_	1.623	\$ -	-s n	1.62	3 \$ (1,342.55)	\$ (1,342.55)	
Riders	*	_	,	•	Ψ 0.		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ψ (1,042.00)	
CBR Class B Rate Riders	\$	-	1,623	\$ -	\$	- 1,62		\$ -	
GA Rate Riders	\$	-		\$ -		507,00		\$ (557.70)	
Low Voltage Service Charge	\$	0.0515	1,623	\$ 83.58	\$ 0.	0515 1,62	3 \$ 83.58	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	e	_	1	¢ _	e		1 6	e -	
	*	-	'	- ·	Ψ	-	ηΨ -	Ψ -	
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1 \$ -	\$ -	
Additional Volumetric Rate Riders			1,623	\$	\$	- 1,62	3 \$ -	\$ -	
Sub-Total B - Distribution (includes				\$ 4,473.96			\$ 2.642.37	\$ (1,831.59)	-40.94%
Sub-Total A)							, , , , ,		
RTSR - Network	\$	1.6678	1,623	\$ 2,706.84	\$ 1.	6117 1,62	3 \$ 2,615.79	\$ (91.05)	-3.36%
RTSR - Connection and/or Line and	e	1.4001	1.623	\$ 2,272,36	¢ 1	3145 1,62	3 \$ 2.133.43	\$ (138.93)	-6.11%
Transformation Connection	¥	1.4001	1,023	Ψ 2,272.50	Ψ 1.	1,02	Σ,100.40	ψ (150.55)	-0.1170
Sub-Total C - Delivery (including Sub-				\$ 9,453.16			\$ 7,391.59	\$ (2,061.57)	-21.81%
Total B)				ψ 0,400.10			Ψ 7,001.00	¢ (2,001.01)	-21.0170
Wholesale Market Service Charge	s	0.0036	534,378	\$ 1,923,76	\$ 0	534,37	8 \$ 1,923.76	\$ -	0.00%
(WMSC)	*	0.000	001,010	,,020.70	•	001,01	τ, σ2σσ	•	0.0070
Rural and Remote Rate Protection	\$	0.0003	534.378	\$ 160.31	\$ 0.	534.37	8 \$ 160.31	s -	0.00%
(RRRP)	l .		001,010	•			· · · · · · · · · · · · · · · · · · ·		
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 534,37	8 \$ 58,835.02	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price				\$ 70,372.51			\$ 68,310.93	\$ (2,061.57)	
HST		13%		\$ 9,148.43		13%	\$ 8,880.42	\$ (268.00)	
Total Bill on Average IESO Wholesale Market Price				\$ 79,520.93			\$ 77,191.36	\$ (2,329.58)	-2.93%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

205 kWh - kW 1.0540 Consumption Demand Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved				Proposed	Impact		
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.07	1	\$ 24.07	\$ 26.83		\$ 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	
Sub-Total A (excluding pass through)			\$ 24.73			\$ 26.89		8.75%
Line Losses on Cost of Power	\$ 0.0820	11	\$ 0.91	\$ 0.0820	11	\$ 0.91	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	205	\$ -	-\$ 0.0024	205	\$ (0.49)	\$ (0.49)	
Riders			*			` ,	. ,	
CBR Class B Rate Riders	-	205	\$ -	\$ -	205		\$ -	
GA Rate Riders	\$ -		\$ -	\$ -	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	\$ -	\$ -	
Sub-Total B - Distribution (includes			\$ 26.25			\$ 27.92	\$ 1.67	6.37%
Sub-Total A)						•	•	
RTSR - Network	\$ 0.0059	217	\$ 1.28	\$ 0.0057	217	\$ 1.23	\$ (0.04)	-3.39%
RTSR - Connection and/or Line and	\$ 0.0051	217	\$ 1.10	\$ 0.0048	217	\$ 1.04	\$ (0.06)	-5.88%
Transformation Connection	0.0001	217	Ψ 1.10	ψ 0.0040	217	Ψ 1.04	ψ (0.00)	0.0070
Sub-Total C - Delivery (including Sub-			\$ 28.63			\$ 30.19	\$ 1.56	5.46%
Total B)			Ų 20.00			Ψ 00.10	¥ 1.00	0.4070
Wholesale Market Service Charge	\$ 0.0036	217	\$ 0.78	\$ 0.0036	217	\$ 0.78	\$ -	0.00%
(WMSC)	,		•			•	*	*****
Rural and Remote Rate Protection	\$ 0.0003	217	\$ 0.06	\$ 0.0003	217	\$ 0.06	\$ -	0.00%
(RRRP)	\$ 0.25	4	\$ 0.25	\$ 0.25	4	\$ 0.25	•	0.00%
Standard Supply Service Charge TOU - Off Peak	\$ 0.0650	134	\$ 0.25	\$ 0.25 \$ 0.0650		\$ 0.25 \$ 8.68		0.00%
TOU - Off Peak TOU - Mid Peak	\$ 0.0650	35	\$ 3.28	\$ 0.0650		\$ 3.28		0.00%
TOU - Mid Peak TOU - On Peak	\$ 0.0940	37	\$ 3.26	\$ 0.0940		\$ 4.88		0.00%
100 - Oli i eak	\$ 0.1320	31	\$ 4.00	\$ 0.1320	31	\$ 4.00	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 46.57			\$ 48.13	\$ 1.56	3.36%
HST	13%		\$ 6.05	13%		\$ 6.26		3.36%
8% Rebate	8%		\$ (3.73)			\$ (3.85)		3.30 /0
Total Bill on TOU	070		\$ 48.90	07	,		\$ 1.64	3.36%
			70.00			00.04	1.04	0.0070

Customer Class: GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION
RPP / Non-RPP: RPP

Consumption 2,000 kWh - kW 1.0540 1.0540 Demand

Current Loss Factor
Proposed/Approved Loss Factor

		Current Ol	EB-Approve	d		Proposed	In	Impact	
		Rate	Volume	Charge	Rate	Volume	Charge		
		(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	22.15	1	\$ 22.15	\$ 22.3	5 1	\$ 22.35	5 \$ 0.20	0.90%
Distribution Volumetric Rate	\$	0.0191	2000	\$ 38.20	\$ 0.019	2000	\$ 38.60	\$ 0.40	1.05%
Fixed Rate Riders	\$	-	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$	-	2000	\$ -	\$ 0.001	2000	\$ 3.60	\$ 3.60	
Sub-Total A (excluding pass through)				\$ 60.35			\$ 64.55	5 \$ 4.20	6.96%
Line Losses on Cost of Power	\$	0.0820	108	\$ 8.85	\$ 0.082	0 108	\$ 8.85	5 \$ -	0.00%
Total Deferral/Variance Account Rate			0.000	s -	-\$ 0.002	0.000	¢ (4.00) \$ (4.60)	
Riders	Þ	•	2,000	\$ -	-\$ 0.002	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	\$ 0.000	2,000	\$ 0.20) \$ -	0.00%
Smart Meter Entity Charge (if applicable)		0.57		\$ 0.57			\$ 0.57	, ,	0.00%
	3	0.57	1	\$ 0.57	\$ 0.5	' I	\$ 0.57	7 \$ -	0.00%
Additional Fixed Rate Riders	\$	-	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders			2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Sub-Total B - Distribution (includes				\$ 69.97			\$ 69.57	\$ (0.40)	-0.57%
Sub-Total A)								. (,	
RTSR - Network	\$	0.0044	2,108	\$ 9.28	\$ 0.004	2,108	\$ 9.06	\$ (0.21)	-2.27%
RTSR - Connection and/or Line and	s	0.0036	2,108	\$ 7.59	\$ 0.003	2,108	\$ 7.17	\$ (0.42)	-5.56%
Transformation Connection	Ą	0.0030	2,100	φ 1.5 9	\$ 0.003	2,100	Ψ 7.11	\$ (0.42)	-5.50 /
Sub-Total C - Delivery (including Sub-				\$ 86.84			\$ 85.81	\$ (1.03)	-1.19%
Total B)				Ψ 00.04			Ψ 05.0	ψ (1.03)	-1.13/
Wholesale Market Service Charge	s	0.0036	2,108	\$ 7.59	\$ 0.003	2,108	\$ 7.59	s -	0.00%
(WMSC)	*	0.0000	2,100	Ψ 7.00	ψ 0.000	2,100	γ	, ,	0.007
Rural and Remote Rate Protection	s	0.0003	2,108	\$ 0.63	\$ 0.000	2,108	\$ 0.63	3 \$ -	0.00%
(RRRP)	l.		2,100	-		-	i i		
Standard Supply Service Charge	\$	0.25	1	\$ 0.25				5 \$ -	0.00%
TOU - Off Peak	\$	0.0650	1,300	\$ 84.50			\$ 84.50		0.00%
TOU - Mid Peak	\$	0.0940	340	\$ 31.96			\$ 31.96		0.00%
TOU - On Peak	\$	0.1320	360	\$ 47.52	\$ 0.132	360	\$ 47.52	2 \$ -	0.00%
Total Bill on TOU (before Taxes)	1			\$ 259.29			\$ 258.26		-0.40%
HST		13%		\$ 33.71	13		\$ 33.57		-0.40%
8% Rebate		8%		\$ (20.74		%	\$ (20.66		
Total Bill on TOU				\$ 272.25			\$ 271.17	7 \$ (1.08)	-0.40%



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 paticular month

V

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)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)		\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	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
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	311,483,585	-	-	311,483,585		\$ 30,586,741		\$ 30,945,995	\$ 359,254

Calculated Loss Factor

1.0635

Note 5 Reconciling Items

	ltem	Am	ount	Explanation
Net Chang	ge in Principal Balance in the GL (i.e. Transactions in the			
	Year)	-\$	335,787	
	True-up of GA Charges based on Actual Non-RPP Volumes			
1a	prior year			
	True-up of GA Charges based on Actual Non-RPP Volumes	1		
	current year			
	Remove prior year end unbilled to actual revenue			
2a	differences			
2h	Add current year end unbilled to actual revenue differences			
	Remove difference between prior year accrual/forecast to			
	actual from long term load transfers			
- Ou	Add difference between current year accrual/forecast to			
3b	actual from long term load transfers			
1	Remove GA balances pertaining to Class A customers			
	Significant prior period billing adjustments recorded in			
	current year			
	Differences in GA IESO posted rate and rate charged on			
	IESO invoice	-\$	10,220	
	Differences in actual system losses and billed TLFs	\$	295,640	
	Others as justified by distributor		-	
9	Disposition	\$	180,675	
10				
		•		
lote 6	Adjusted Net Change in Principal Balance in the GL	\$	130,308	
	Net Change in Expected GA Balance in the Year Per	•		
	Analysis	\$	359,254	
	Unresolved Difference	-\$	228,946	
	Unresolved Difference as % of Expected GA Payments			
	to IESO		-0.7%	

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 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.

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

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 trued 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 <u>pertaining to the kWh GSHI</u> <u>purchased from its energy suppliers</u> (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 trued 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 trued up with the IESO.

- c. Has CT 1142 been trued up for with the IESO for all of 2017? –Yes 2017 was trued up with submission for February 2018.
- d. Which months from 2017 were trued 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. GSH flowed \$196,927.72 to the IESO as part of the February 2018 submission. This amount was booked in the

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

3. Questions on CT 148

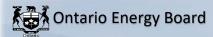
- a. Please describe the process for the initial recording of CT 148 in the accounts (i.e. 1588 and 1589). By the 4th business day of each month, GSHI submits its filing for the initial RPP true up to the IESO for the previous consumption month. GSHI uses the amount posted in its billing system in a 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 4th 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 trued 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.



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 3.0 (2019)

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	Tables 1-a and 1-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.
1-a. Summary of Changes	Tables A-1 and A-2 include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	Tables 2-a, 2-b and 2-c include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	Tables 3-a and 3-b include the distribution rates that are used to calculate lost revenues.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
4. 2011-2014 LRAM	Tables 4-a, 4-b, 4-c and 4-d include the template 2011-2014 LRAMVA work forms.
5. 2015-2020 LRAM	Tables 5-a, 5-b, 5-c and 5-d include the template 2015-2020 LRAMVA work forms.
6. Carrying Charges	Table 6-b includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	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).

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

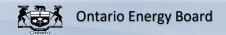


LRAMVA Work Form: Instructions

Version 3.0 (2019)

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:
o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a.
o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form.
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.
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.
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.
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.
o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
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.
Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
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.
Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
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.
Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:
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.

	o 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.
	o 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.
	o 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

Version 3.0 (2019)

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, an	and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its	its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing	ng 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	ion 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 relate	ates to.
Not Applicable	o Provide documentation or data substantiating savings from proj	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	ons 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)
Actual Incremental CDM Savings by Initiative	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	
Actual Lost Revenues (kWh and kW) by Rate Class	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	
LRAMVA (\$) by Rate Class	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
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			



LRAMVA Work Form: Summary Tab

Version 3.0 (2019)

Legend

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	n
Period of LRAMVA Claimed in Previous Application	2011	
Amount of LRAMVA Claimed in Previous Application	\$	45,723.0

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)	

Actual Lost Revenues (\$)	Α	\$ 1,099,067
Forecast Lost Revenues (\$)	В	\$ 466,910
Carrying Charges (\$)	С	\$ 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 should include projected carrying charges 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
Total		\$632,157	\$36,503	\$668,660

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.

C. Documentation of Changes

Original Amount

Amount for Final Disposition

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	
2011 Actuals 2011 Forecast	Ø			•												
Amount Cleared																
2012 Actuals	П	\$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	\$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
Amount Cleared																
2013 Actuals	П	\$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	\$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	(\$118,809.49)
Amount Cleared																
2014 Actuals	П	\$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	\$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	(\$118,902.20)
Amount Cleared																
2015 Actuals	П	\$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	\$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	(\$120,602.66)
Amount Cleared																
2016 Actuals	П	\$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	\$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	(\$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	\$36,503.10
Total LRAMVA Balance		\$116,594	\$239,857	\$311,598	\$0	\$236	\$375	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$668,660.02

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

\$632,156.92



LRAMVA Work Form: Summary of Changes

Version 3.0 (2019)

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

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

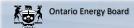
Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and 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 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

ears Included in Threshold

011-2013 (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 threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. 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



LRAMVA Work Form: Distribution Rates

Version 3.0 (2015

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 LRAM/A disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by uspanding the "plat" button at the left hand bar. Table 3 will convert the distribution rates to a celerating rate rate (January to December) based on the number of morther entered in row 16 of seach rate year starting from January to the start of the LDCs rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustment (a, e., row) additional department (a, e., row) additional department (a, e., row) additional department (a). The plant of the LDCs rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustment (a) adju

	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) Residential		\$ 0.0123	\$ 0.0123	8 \$ 0.0124	8 \$ 0.0121	\$ 0.0123	8 \$ 0.0124	8 S 0.0093	12	12	12	12	12
Rate rider for tax sharing		0.0123	0.0123	0.0124	9 0.0121	4 00125	0.0124	9 0.0025					
Rate rider for foregone revenue Other	kWh												
Adjusted rate		S 0.0123	\$ 0.0123	\$ 0.0124	\$ 0.0121	\$ 0.0123	\$ 0.0124	\$ 0.0093	8 .	s -	8 .	8	
Calendar year equivalent			\$ 0.0123	\$ 0.0124	\$ 0.0122	\$ 0.0122	\$ 0.0124	\$ 0.0103	s -	\$ -	\$ -	\$ -	
GS<50 kW		\$ 0.0187	\$ 0.0184	\$ 0.0186	\$ 0.0182	\$ 0.0185	\$ 0.0187	\$ 0.0187		1		T	
Rate rider for tax sharing													
Rate rider for foregone revenue Other	kWh												
Adjusted rate		\$ 0.0187	\$ 0.0184	\$ 0.0186	\$ 0.0182					s -	s -	s -	
Calendar year equivalent			\$ 0.0185	\$ 0.0185	\$ 0.0183	\$ 0.0184	\$ 0.0186	\$ 0.0187	s -	s -	s -	s -	
GS 50 to 4,999		\$ 4,3627	s 4.2336	s 4.2709	\$ 4.1821	s 4.2406	S 4.2894	\$ 4.2894				1	
Rate rider for tax sharing			7	.H	3.0041		.a						
Rate rider for foregone revenue Other	kW												
Adjusted rate		\$ 4.3627	8 42336	\$ 4.2709	\$ 4.1821	\$ 4.2406	\$ 4.2894	\$ 4.2894	8 .	s .	8 .	8 .	
Calendar year equivalent		9 4.5027	\$ 4.2766	\$ 4.2585	\$ 4.2117	\$ 4.2211			\$ -	\$ -	\$ -	š -	
		\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107		y			
USL Rate rider for tax sharing		\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107					
Rate rider for foregone revenue	kWh												
Other Adjusted rate		\$ 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107		\$ -	s -	\$ -	
Adjusted rate Calendar year equivalent		9 0.0124	\$ 0.0122	\$ 0.0123	\$ 0.0105	\$ 0.0106	\$ 0.0107	\$ 0.0107	\$ -	\$ -	\$ -	\$ -	
										,			
Sentinel Lighting Rate rider for tax sharing		\$ 10.3336	\$ 11.7670	\$ 11.8706	\$ 12.3008	\$ 12,4730	\$ 12.6164	\$ 12.6164					
Rate rider for foregone revenue	kW												
Other Adjusted rate		\$ 10.3336	s 11.7670	\$ 11,8706	\$ 12,3008	s 12.4730	\$ 12,6164	\$ 12,6164	s -	s -	s -	s .	
Calendar year equivalent			\$ 11,2892							s -	s -	s -	
Street Lighting Rate rider for tax sharing		\$ 8.4525	\$ 10.7227	\$ 10.8171	\$ 2.5766	\$ 2.6127	\$ 2.6427	\$ 2.6427					
Rate rider for foregone revenue	kW												
Other Adjusted rate		\$ 8.4525	\$ 10.7227	\$ 10.8171	\$ 2.5766	\$ 2.6127	\$ 2.6427	\$ 2.6427					
Calendar year equivalent			\$ 9.9660	\$ 10.7856	\$ 5.3234	\$ 2,6007	\$ 2.6327	\$ 2.6427	\$.	\$	š :	š :	
. ,													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other Adjusted rate		s -											
Adjusted rate Calendar year equivalent			š	š :	\$::	:	š :	\$:	\$:	\$:	-	· .	
• -													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other Adjusted rate			s -	s -							s -		
Adjusted rate Calendar year equivalent		• •	\$ -	s .	S -	S -	s -	S -	S -	S -	S -	s -	L
						-							
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other			_										
Adjusted rate Calendar year equivalent		š -	S :	š :	\$	š	š :	š :	\$	1 S	š -	š :	J
,			•	•	•	•	•	•	•	•	•	•	
0 Rate rider for tax sharing													
Rate rider for tax sharing Rate rider for foregone revenue	0												
Other			-	-			_	-				1	
Adjusted rate Calendar year equivalent			s -	s -	s -	s -	s -	s -	s -	S -	s -	5 -	
Canada year equivalent													
0													
Rate rider for tax sharing Rate rider for foregone revenue	0												
Other	,												
Adjusted rate		s -	\$ -	s .	\$.	\$.	s -	s .	\$.	s .	s -	s -	
Calendar year equivalent			•		•	•		•		•			
0													
Rate rider for tax sharing	0												
Rate rider for foregone revenue Other													
Adjusted rate		s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	
Calendar year equivalent			s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	
0										1		1	
Rate rider for tax sharing													
Rate rider for foregone revenue Other	0												
Adjusted rate		s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	
Calendar year equivalent			s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	
0										1		1	1
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Other Adjusted rate Calendar year equivalent		s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	

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	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
2011	\$0.0123	\$0.0185	\$4.2766	\$0.0123	\$11.2892	\$9.9660	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0124	\$0.0185	\$4.2585	\$0.0123	\$11.8361	\$10.7856	\$0.0000	\$0.0000	\$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	\$0.0000	\$0.0000
2014	\$0.0122	\$0.0184	\$4.2211	\$0.0106	\$12.4156	\$2.6007	\$0.0000	\$0.0000	\$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	\$0.0000	\$0.0000
2016	\$0.0103	\$0.0187	\$4.2894	\$0.0107	\$12.6164	\$2.6427	\$0.0000	\$0.0000	\$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	\$0.0000	\$0.0000
Note: LDC to make note of the years rem	wed from this table.	whose distribution ra	tes 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 (le. 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.

						Sentinel	Street
		Residential	GS<50 kW	GS 50 to 4,999	USL	Lighting	Lighting
	Appliance Retirement	100%	0%	0%	0%	0%	0%
	Appliance Exchange HVAC Incentives	100% 100%	0%	0%	0%	0% 0%	0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%	0%
2011	Retailer Co-op	100%	0%	0%	0%	0%	0%
	Retrofit	0%	88%	12%	0%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%	0%
	Retrofit	0%	0%	100%	0%	0%	0%
	Electricity Retrofit Incentive Program	0%	0%	100%	0%	0%	0%
	High Performance New Construction	0%	0%	100%	0%	0%	0%
	Appliance Retirement	100%	0% 0%	0%	0%	0%	0%
	Appliance Exchange HVAC Incentives	100%	0%	0%	0%	0% 0%	0% 0%
	Conservation Instant Coupon Booklet	100%	0%	0%	0%	0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%	0%
2012	Residential New Construction	100%	0%	0%	0%	0%	0%
	Retrofit	0%	37%	63%	0%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%	0%
	High Performance New Construction	0%	0%	100%	0%	0%	0%
	Appliance Retirement	100%	0%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%	0%
	HVAC Incentives	100%	0%	0%	0%	0% 0%	0%
	Conservation Instant Coupon Booklet Bi-Annual Retailer Event	100% 100%	0%	0%	0%	0%	0%
2013	Residential New Construction	100%	0%	0%	0%	0%	0%
2013	Retrofit	0%	37%	63%	0%	0%	0%
	Direct Install Lighting	0%	100%	0%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%	0%
	Energy Manager	0%	0%	100%	0%	0%	0%
	Home Assistance Program	100%	0%	0%	0%	0%	0%
	Appliance Retirement	100%	0%	0%	0%	0%	0%
	Appliance Exchange	100%	0%	0%	0%	0%	0%
	HVAC Incentives Conservation Instant Coupon Booklet	100% 100%	0% 0%	0%	0% 0%	0% 0%	0%
	Bi-Annual Retailer Event	100%	0%	0%	0%	0%	0%
	Residential New Construction	100%	0%	0%	0%	0%	0%
	Retrofit	0%	11%	87%	0%	0%	2%
2014	Direct Install Lighting	0%	100%	0%	0%	0%	0%
	Energy Audit	0%	0%	100%	0%	0%	0%
	Energy Manager	0%	0%	100%	0%	0%	0%
	Home Assistance Program	100%	0%	0%	0%	0%	0%
	High Performance New Construction	0%	0%	100%	0%	0%	0%
	Program Enabled Savings	100% 100%	0% 0%	0% 0%	0% 0%	0% 0%	0% 0%
	Time of Use Savings Coupon Initiative	100%	0%	0%	0%	0%	0%
	Bi-Annual Retailer Event Initiative	100%	0%	0%	0%	0%	0%
	Appliance Retirement Initiative	100%	0%	0%	0%	0%	0%
	HVAC Incentives Initiative	100%	0%	0%	0%	0%	0%
	Residential New Construction and Major Renovation Initiative	100%	0%	0%	0%	0%	0%
	Energy Audit Initiative	0%	10%	90%	0%	0%	0%
	Efficiency: Equipment Replacement Incentive Initiative	0%	26%	74%	0%	0%	0%
2015	Direct Install Lighting and Water Heating Initiative	0%	100%	0%	0%	0%	0%
	New Construction and Major Renovation Initiative	0%	0%	100%	0%	0%	0%
	Process and Systems Upgrades Initiatives - Project Incentive Initiative	0% 0%	0%	100% 100%	0%	0% 0%	0%
	Process and Systems Upgrades Initiatives - Energy Manager Initiative Low Income Initiative	100%	0%	100%	0%	0%	0%
	Save on Energy Coupon Program	100%	0%	0%	0%	0%	0%
	Save on Energy Heating and Cooling Program	100%	0%	0%	0%	0%	0%
	Save on Energy Retrofit Program	0%	13%	87%	0%	0%	0%
	Save on Energy Coupon Program	100%	0%	0%	0%	0%	0%
	Save on Energy Heating and Cooling Program	100%	0%	0%	0%	0%	0%
2016	Save on Energy Audit Funding Program	0%	0%	100%	0%	0%	0%
2010	Save on Energy Retrofit Program	0%	20.1%	79.7%	0%	0.2%	0%
	Save on Energy Energy Manager Program	0%	0%	100%	0%	0%	0%
	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	100%	0%	0%	0%	0%	0%

Version 3.0 (2019)			



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 suported 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

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B	Results	Net Energy Savings (kWh)	Net	t Energy Savings Pe	ersistence (kWh)		Monthly	Net Demand Savings (kW)		Net P	eak Demand S	avings Persist	ence (kW)								Rate Allo	cations for LRA	MVA					
Program	Status	2011 2012	2013 2014	2015 201	16 2017 20	8 2019 2020	Multiplier	2011	2012 2	013 2014	2015	2016 2017	2018	2020	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up	427,371 427,371	427,371 418,189	9 294,738 0	0 0	0 0		75	75	75 65	39	0 0	0	0 0	kWh 100.00% 100.00%	kWh 0.00%	kW 0.00%	kWh 0.00%	kW	kW	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
appliance Exchange adjustment to 2011 savings	Verified True-up	5,209 5,209	5,209 2,969	0 0	0 0	0 0		4	4	4 2	0	0 0	0	0 0	100.00% 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%
VAC Incentives djustment to 2011 savings	Verified True-up					312 555,312 555,312 301 -108,301 -108,301		279 -55	279 2 -55	279 279 -55 -55	279 -55	279 279 -55 -55	279 -55	279 279 -55 -55	100.00% 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%
onservation Instant Coupon Booklet djustment to 2011 savings	Verified True-up	200,793 200,793 2,833 2,833				001 163,668 62,621 36 1,586 562		12 0	12 0	12 12 0 0	11 0	11 9 0 0	9	10 6 0 0	100.00% 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%
-Annual Retailer Event djustment to 2011 savings	Verified True-up	301,981 301,981 22,436 22,436	301,981 301,98° 22,436 22,436	11 275,988 247,5 6 22,436 20,3	593 186,669 185, 388 11,007 11,0	988 240,376 77,135 05 11,005 2,428		17 1	17 1	17 17 1 1	16 1	15 12 1 1		14 7 1 0	100.00% 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%
etailer Co-op djustment to 2011 savings	Verified True-up	0 0	0 0	0 0	0 0	0 0		0	0	0 0	0	0 0	0	0 0	100.00% 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%
esidential Demand Response djustment to 2011 savings	Verified True-up	191 0	0 0	0 0	0 0	0 0		73	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%
sidential Demand Response (IHD) justment to 2011 savings	Verified True-up														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%
sidential New Construction ustment to 2011 savings	Verified True-up														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%
siness Program trofit justment to 2011 savings	Verified					### 933,975 933,975 52 14,803 14,803		198	198	198 198	198	198 198	198	158 158	0.00%	88.00% 88.00%	12.00% 12.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ect Install Lighting ustment to 2011 savings	True-up Verified True-up	207,531 207,531	207,281 175,464	4 175,464 174,4	421 73,486 73,	80 73,180 73,180 7 737 737	12 12 12	82	82	82 70	70	70 28	27 0	2 2 27 27 0 0	0.00%	100.00% 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%
ding Commissioning ustment to 2011 savings	Verified True-up	0,012	5,612 2,644	2,011			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%
v Construction ustment to 2011 savings	Verified True-up						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%
ergy Audit ustment to 2011 savings	Verified True-up						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%
all Commercial Demand Response ustment to 2011 savings	Verified True-up														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%
nall Commercial Demand Response (IHD)	Verified																											
ustment to 2011 savings mand Response 3	True-up Verified														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%
ustment to 2011 savings ustrial Program	True-up														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%
ustment to 2011 savings	Verified True-up						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%
nitoring & Targeting ustment to 2011 savings	Verified True-up						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%
ergy Manager justment to 2011 savings	Verified True-up						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%
ustment to 2011 savings	Verified True-up	67,778 67,778			778 67,778 67,7		12 12	11		11 11		11 11		11 11	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
nand Response 3 ustment to 2011 savings	Verified True-up	3,376 0	0 0	0 0	0 0	0 0		86	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%
ome Assistance Program ome Assistance Program ljustment to 2011 savings	Verified True-up														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%
poriginal Program me Assistance Program	Verified														0.000	0.000	0.000	0.000/	0.000	0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0.000
justment to 2011 savings ect Install Lighting	True-up Verified						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%
ustment to 2011 savings 2-2011 Programs completed in 2011 ctricity Retrofit Incentive Program	True-up	440.404	440.404	440.404	404 440 404 440	104 440 404 440 404	- 40	200	00	00 00	00	00 00	00	00 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%
instruction incentive Program justment to 2011 savings	Verified True-up Verified	149,161 149,161 55,641 55,641	55,641 55,641		161 149,161 149, 641 55,641 55,6	161 149,161 149,161 41 55,641 55,641	12 12	26	26	26 26	26	26 26	26	26 26	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ljustment to 2011 savings	True-up Verified	-2,329 -2,329				29 -2,329 -2,329		0	0	0 0	0	0 0	0	0 0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
justment to 2011 savings ultifamily Energy Efficiency Rebates	True-up Verified						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%
justment to 2011 savings	True-up Verified						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%
justment to 2011 savings	True-up						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%
gram Enabled Savings ustment to 2011 savings	Verified True-up						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%
ne of Use Savings justment to 2011 savings	Verified True-up						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%
C Pilots ustment to 2011 savings	Verified True-up						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%
tual CDM Savings in 2011 recast CDM Savings in 2011		2,994,569						826						9	1,407,634 0	1,181,272 0	851 0	0	0	0	0	0	0	0	0	0	0	0
tribution Rate in 2011 st Revenue in 2011 from 2011 programs recast Lost Revenues in 2011															\$0.01230 \$17,313.89 \$0.00	\$0.01850 \$21,853.53 \$0.00	\$4.27660 \$3,639.34 \$0.00	\$0.01230 \$0.00 \$0.00	\$11.28920 \$0.00 \$0.00	\$9.96600 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00
AMVA in 2011																												•
11 Savings Persisting in 2012 11 Savings Persisting in 2013 11 Savings Persisting in 2014															1,407,634 1,407,634 1,396,211	1,181,272 1,181,022 1,144,677	851 851 851	0	0	0	0	0	0	0	0	0	0	0
111 Savings Persisting in 2015 111 Savings Persisting in 2016 111 Savings Persisting in 2017															1,227,709 884,705 777,082	1,144,677 1,143,633 1,040,232	851 851 851	0	0	0	0	0	0	0	0	0	0	0
011 Savings Persisting in 2018 011 Savings Persisting in 2019 011 Savings Persisting in 2020															775,591 863,646 589,756	1,039,926 908,841 908,841	851 792 792	0	0	0	0	0	0	0	0	0	0	0

		Net Ener Savings (I	y Wh)		Net Energy Sav	rings Persis	tence (kWh)			Net Demand Savings (kW)		Ne	t Peak Demand	I Savings Per	sistence (kW)								Rate Allo	ocations for LRA	AMVA					
Program	Results Status	2012	2013	2014 20	15 2016	2017	2018 2019	2020 2021	Monthly Multiplier	2012		2014 201	5 2016	2017 2	018 2019	2020 20	1 Residentia	al GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								
nsumer Program pliance Retirement justment to 2012 savings	Verified True-up	404,99	404,997	404,997 386	,549 251,397	7 0	0 0	0 0		86	86	86 66	33	0	0 0	0 0	kWh 100.00% 100.00%		kW 0.00%	kWh 0.00%	kW 0.00%	kW 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
opliance Exchange djustment to 2012 savings	Verified True-up	7,429	7,429	7,429 7,3	33 0	0	0 0	0 0		4	4	4 4	0	0	0 0	0 0	100.00% 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%
/AC Incentives justment to 2012 savings	Verified True-up	266,60 9,106						1 266,601 266,60 5 9,106 9,106		142	142	142 14: 4 4	2 142		142 142 4 4	142 14	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%
onservation Instant Coupon Booklet justment to 2012 savings	Verified True-up	14,368						6,627 6,627		2	2	2 2	2		2 2		100.00% 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%
Annual Retailer Event ljustment to 2012 savings	Verified True-up	275,20	275,204	275,204 275	204 247,391	1 201,164	137,215 136,9	9 136,929 69,550		15	15	15 15	5 14	12	9 9	9 6	100.00% 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%
etailer Co-op djustment to 2012 savings	Verified True-up																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%
esidential Demand Response djustment to 2012 savings	Verified True-up																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%
esidential Demand Response (IHD) djustment to 2012 savings	Verified True-up																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%
esidential New Construction djustment to 2012 savings	Verified True-up	4,154	4,154	4,154 4,1	54 4,154	4,154	4,154 4,15	4,154 4,154		0	0	0 0	0	0	0 0	0 (100.00% 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%
usiness Program etrofit djustment to 2012 savings	Verified True-up	1,684,70 334,01						## ###### ###### '8 305,678 234,15		303 76	300 76	299 28: 76 76			259 259 68 68			37% 37.00%	63% 63.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
rect Install Lighting fjustment to 2012 savings	Verified True-up	828,97						9 175,389 175,38		238	238	238 21	1 211	47	47 45		0.00%	100% 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%
uilding Commissioning djustment to 2012 savings	Verified True-up								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%
ew Construction djustment to 2012 savings	Verified True-up								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%
nergy Audit djustment to 2012 savings	Verified True-up	75,529 2,562	75,529 2,562	75,529 75, 2,562 2,5		0	0 0 0 0	0 0	12 12	16 1	16 1	16 16 1 1	0 0	0	0 0 0 0	0 0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
mall Commercial Demand Response djustment to 2012 savings	Verified True-up																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%
mall Commercial Demand Response (IHD) djustment to 2012 savings	Verified True-up																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%
emand Response 3 djustment to 2012 savings	Verified True-up								***								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%
dustrial Program rocess & System Upgrades	Verified								12																					
djustment to 2012 savings lonitoring & Targeting	True-up Verified								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%
djustment to 2012 savings nergy Manager	True-up Verified								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%
djustment to 2012 savings	True-up Verified	0	0	0 (0	0	0 0	0 0	12	0	0	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%
djustment to 2012 savings emand Response 3 djustment to 2012 savings	True-up Verified True-up	1,261	0	0 0	0 0	0	0 0	0 0	12	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%
ome Assistance Program ome Assistance Program	Verified																0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0076	0.0070
djustment to 2012 savings	True-up								***								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%
ome Assistance Program djustment to 2012 savings	Verified True-up								***								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%
irect Install Lighting djustment to 2012 savings	Verified True-up								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%
re-2011 Programs completed in 2011 lectricity Retrofit Incentive Program djustment to 2012 savings	Verified True-up								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%
igh Performance New Construction djustment to 2012 savings	Verified True-up	68,381	68,381	68,381 68,	381 68,381	68,381	68,381 68,38	1 68,381 68,381	12 12	14	14	14 14	14	14	14 14	14 1	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
oronto Comprehensive djustment to 2012 savings	Verified True-up								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%
ultifamily Energy Efficiency Rebates djustment to 2012 savings	Verified True-up								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%
DC Custom Programs djustment to 2012 savings	Verified True-up								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%
ther rogram Enabled Savings djustment to 2012 savings	Verified True-up								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%
ime of Use Savings djustment to 2012 savings	Verified True-up								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%
DC Pilots djustment to 2012 savings	Verified True-up								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%
ctual CDM Savings in 2012 precast CDM Savings in 2012		3,977,3	0							989							981,857 0	1,575,926 0	3,228 0	0	0	0	0	0	0	0	0	0	0	0
istribution Rate in 2012 sst Revenue in 2012 from 2011 programs stst Revenue in 2012 from 2012 programs stat Lost Revenues in 2012 orecast Lost Revenues in 2012 RAMVA in 2012				•												,	\$0.01240 \$17,454.6 \$12,175.0 \$29,629.6 \$0.00	6 \$21,853.53 3 \$29,154.64	\$4.25850 \$3,623.94 \$13,746.56 \$17,370.50 \$0.00	\$0.01230 \$0.00 \$0.00 \$0.00 \$0.00	\$11.83610 \$0.00 \$0.00 \$0.00 \$0.00	\$10.78560 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00							
112 Savings Persisting in 2013 112 Savings Persisting in 2014 112 Savings Persisting in 2015 112 Savings Persisting in 2016 112 Savings Persisting in 2017 112 Savings Persisting in 2018																	981,857 981,857 963,314 792,800 495,176 423,739 423,417	1,571,459 1,449,364 1,447,341 867,411 858,725	3,205 3,200 3,071 2,879 2,678 2,642 2,642	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 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0

ble 4-c. 2013 Lost Revenues Work Form		Net Er Savings	ergy		N	Net Energy	y Savings P	ersisten	ce (kWh)				Net Dema			Net	Peak Dema	nd Savings	Persistence	(kW)								Rate Allo	cations for LRA	MVA						
Program	Results Status	201		14 2	015 201	16 2	2017 20	018 2	2019 202	0 202	1 2022	Monthly Multiplier	2013		14 201	5 2016	2017	2018	2019	2020 202	2022	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel	Street									То
onsumer Program					200		20		202	202	. 2022		2010	201	201	2010	2011	2010	2010	2020 202	2022	kWh	kWh	kW	kWh	Lighting kW	Lighting kW	0	0	0	0	0	0	0	0	
pliance Retirement justment to 2013 savings	Verified True-up	407,	1 407	,931 40	,931 392,4	447 22	25,901 (0	0 0	0	0		90	90	90	74	33	0	0	0 0	0	100.00% 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%	1
pliance Exchange justment to 2013 savings	Verified True-up	15,5	6 15,	516 15	,516 15,5	516	0 0	0	0 0	0	0		9	9	9	9	0	0	0	0 0	0	100.00% 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%	1
AC Incentives ustment to 2013 savings	Verified True-up	286, 21,6									238 286,238 29 21,629		154 12	15 12	4 15 2 12	4 154 2 12	154 12	154 12	154 12	154 154 12 12	154 12	100.00% 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%	11
onservation Instant Coupon Booklet ljustment to 2013 savings	Verified True-up	79,4	4 79	444 76	,380 64,7	713 64	4,713 64,	,713 64	4,713 64,6	60 47,0	41 47,041		5	5	5	4	4	4	4	4 3	3	100.00% 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%	1
Annual Retailer Event ljustment to 2013 savings	Verified True-up	176,	37 176	,537 16	5,901 129,6	,600 12	29,600 129	9,600 12	9,600 129,4	147 108,8	357 108,857		12	12	2 11	9	9	9	9	9 8	8	100.00% 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%	10
etailer Co-op ljustment to 2013 savings	Verified True-up																					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%	
esidential Demand Response ljustment to 2013 savings	Verified True-up																					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%	
esidential Demand Response (IHD)	Verified True-up																					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%	
esidential New Construction	Verified	4,2	3 4,	213 4,	213 4,2	213 4	1,213 4,2	213 4	,213 4,21	13 4,21	13 4,213		1	1	1	1	1	1	1	1 1	1	100.00%														
ljustment to 2013 savings usiness Program	True-up																					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%	
etrofit ljustment to 2013 savings	Verified True-up	1,257 370,			,828 367,8	,828 36	365	5,622 36	5,622 353,7	88 334,3	### ###### 368 318,285	12	198 42	19 41	8 19 1 41	8 198 I 41	194 41	190 41	190 41	190 185 41 38	158 35	0.00%	37% 37.00%	63% 63.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
rect Install Lighting ljustment to 2013 savings	Verified True-up	810, 1,8			5,827 732,6 844 1,84				7,052 212,7 438 438		708 212,708 3 438	12 12	246 0	24 0	6 24		64 0	64 0	64 0	59 59 0 0	59 0	0.00%	100% 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%	1
ilding Commissioning ljustment to 2013 savings	Verified True-up											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%	
ew Construction ljustment to 2013 savings	Verified True-up											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%	
ergy Audit ljustment to 2013 savings	Verified True-up	1,114 97,7			4,368 1,114 ,705 97,7		0 0	0	0 0	0	0	12 12	203 18	20 18		3 203 3 18	0	0	0	0 0 0 0	0	0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nall Commercial Demand Response ljustment to 2013 savings	Verified True-up																					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%	
nall Commercial Demand Response (IHD)	Verified																																			
ljustment to 2013 savings emand Response 3	True-up Verified	1,1	4)	0 0)	0 (0	0 0	0	0		88	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%	
ljustment to 2013 savings	True-up												***************************************									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%	
ocess & System Upgrades ljustment to 2013 savings	Verified True-up											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%	
onitoring & Targeting ljustment to 2013 savings	Verified True-up											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%	
ergy Manager ljustment to 2013 savings	Verified True-up	10,4	8 10,	468 10	,468 0)	0 (0	0 0	0	0	12 12	0	0	0	0	0	0	0	0 0	0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
etrofit ljustment to 2013 savings	Verified True-up											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%	
emand Response 3 ljustment to 2013 savings	Verified True-up																					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%	
ome Assistance Program ome Assistance Program	Verified	243,	05 23 f	,181 23	1,433 206,0	.006 19	93,294 182	2,071 17	5,336 174,3	393 57,3	43 57,228		17	16	6 16	3 15	14	14	13	13 7	7	100%														1
ljustment to 2013 savings	True-up	96,5									64 59,648		13	13	3 13	3 13	13	12			11	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%	
ome Assistance Program ljustment to 2013 savings	Verified True-up																					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%	
rect Install Lighting ljustment to 2013 savings	Verified True-up											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%	
e-2011 Programs completed in 2011 ectricity Retrofit Incentive Program	Verified											12																								
ljustment to 2013 savings gh Performance New Construction	True-up Verified											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%	
ljustment to 2013 savings ronto Comprehensive	True-up Verified											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%	
ljustment to 2013 savings ultifamily Energy Efficiency Rebates	True-up Verified											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%	
ljustment to 2013 savings	True-up Verified											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%	
ljustment to 2013 savings	True-up											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%	
ner ogram Enabled Savings ljustment to 2013 savings	Verified True-up											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%	
ne of Use Savings ljustment to 2013 savings	Verified True-up											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%	
DC Pilots ljustment to 2013 savings	Verified True-up											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%	
tual CDM Savings in 2013 recast CDM Savings in 2013		4,995	49										1,107									1,331,510 5,833,432	1,414,714 2,034,918	4,464 2.408	0	0	0 49	0	0	0	0	0	0	0	0	_
ribution Rate in 2013	1	1		-	- 1												-1					\$0.01220	\$0.01830	\$4.21170 \$13,500.40	\$0.01110	\$12.15740	\$5.32340	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	854
st Revenue in 2013 from 2012 programs st Revenue in 2013 from 2013 programs stal Lost Revenues in 2013 recast Lost Revenues in 2013 AMVA in 2013																						\$11,978.66 \$16,244.42 \$28,223.08 \$71,167.87	\$28,772.56 \$25,889.27 \$54,661.83 \$37,239.00	\$13,500.40 \$18,798.98 \$32,299.38 \$10,141.77	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$260.85	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$54 \$60 \$118 \$118 -\$3						
13 Savings Persisting in 2014 13 Savings Persisting in 2015																						1,322,216 1,307,670	1,413,546 1,408,962	4,458 4,458	0	0	0	0	0	0	0	0	0	0	0	
13 Savings Persisting in 2016																						1,210,045 1,012,787 773,179	1,335,765 813,744 803,812	4,456 1,777 1,746	0	0	0	0	0	0	0	0	0	0	0	
13 Savings Persisting in 2017 13 Savings Persisting in 2018																																				

ble 4-d. 2014 Lost Revenues Work Forn	Results	Net Energy Savings (kWh			Net Energy	y Savings Pe	ersistence	(kWh)		м	lonthly	Net Demand Savings (kW)			Net Peak	Demand S	Savings Pe	rsistence (I	kW)								Rate All	ocations for LR	AMVA						
Program	Status	2014	2015	2016 20	017 2	2018 201	19 20	20 2021	2022		ultiplier	2014	2015	2016	2017	2018	2019	2020 2	2021 202	2 2023	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting									1
nsumer Program bliance Retirement ustment to 2014 savings	Verified True-up	553,326	553,326	553,326 534	4,010 33	1,913 0	(0	0	0		121	121	121	99	49	0	0	0 0	0	kWh 100% 100.00%	kWh 0.00%	kW 0.00%	kWh 0.00%	kW	kW 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
oliance Exchange ustment to 2014 savings	Verified True-up	22,536	22,536	22,536 22	2,536	0 0	(0	0	0		13	13	13	13	0	0	0	0 0	0	100% 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%	
AC Incentives ustment to 2014 savings	Verified True-up	366,461	366,461	366,461 366	6,461 36	6,461 366,4	461 366,	461 366,461	366,461 3	866,461		192	192	192	192	192	192	192 '	192 192	! 192	100% 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%	
servation Instant Coupon Booklet stment to 2014 savings	Verified True-up	293,579	273,661	264,041 264	4,041 26	14,041 264,0	041 264,	041 263,536	263,536 2	225,976		22	20	20	20	20	20	20	20 20	17	100% 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%	
nnual Retailer Event istment to 2014 savings	Verified True-up	1,262,929	1,095,578	1,008,363 1,00	08,363 1,00	08,363 #####	### ####	*****	######## 9	937,428		83	72	67	67	67	67	67	67 67	62	100% 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%	
uiler Co-op estment to 2014 savings	Verified True-up																				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%	
idential Demand Response ustment to 2014 savings	Verified True-up																				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%	
sidential Demand Response (IHD) ustment to 2014 savings	Verified True-up																				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%	
dential New Construction struent to 2014 savings	Verified True-up	2,170	2,170	2,170 2,	,170 2	2,170 2,17	70 2,1	70 2,170	2,170	2,170		0	0	0	0	0	0	0	0 0	0	100.00% 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%	
iness Program	Verified	3,822,996	3.820.891	3,820,891 3,81	14.433 3.8	14.433 ####	### ####				12	534	534	534	532	532	532	506 5	506 47	361		11%	87%			2.00%									
stment to 2014 savings ct Install Lighting	True-up Verified	514.791		500,480 255							12	162	162	158	76	76	76	76	76 76	76	0.00%	11.00%	87.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
riment to 2014 savings	True-up Verified		,						-,-,-		12				-				70		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%	
ment to 2014 savings	True-up Verified										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%	
tment to 2014 savings	True-up Verified	130.547	130 547	130.547 130	0.547	0 0) 0	0	0	12	27	27	27	27	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%	
trment to 2014 savings Commercial Demand Response	True-up Verified	100,017	100,011	100,041	0,077						12										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%	
tment to 2014 savings Commercial Demand Response (IHD)	True-up																				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%	
stment to 2014 savings	Verified True-up																				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%	
nd Response 3 tment to 2014 savings	Verified True-up	0	0	0	0	0 0	(0	0	0		62	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%	
trial Program ss & System Upgrades	Verified True-up										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%	
tment to 2014 savings	Verified True-up										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%	
ment to 2014 savings / Manager ment to 2014 savings	Verified True-up	7,506	7,506	7,506 7,	,506 7	,506 7,50	06 7,5	06 7,506	7,506	7,506	12	0	0	0	0	0	0	0	0 0	0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
it Itment to 2014 savings	Verified True-up										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%	
nd Response 3 ment to 2014 savings	Verified True-up																				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%	
e Assistance Program Assistance Program	Verified	207,772	207.405	186,688 177	7 000 40	2 244 462 6	244 452	F00 454 400	70.004	70.044	L	19	40	40	17	17	17	40	40 40	40		0.00%	0.0076	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
tment to 2014 savings	True-up	201,112	201,405	100,000 177	7,203 10	103,244	244 153,	509 151,163	70,931	70,614		19	19	18	17	17		16	16 12	12	100% 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%	
iginal Program e Assistance Program stment to 2014 savings	Verified True-up																				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%	
Install Lighting ment to 2014 savings	Verified True-up										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%	
011 Programs completed in 2011 icity Retrofit Incentive Program	Verified										12																								
etrment to 2014 savings Performance New Construction	True-up Verified	208,522	208,522	208,522 208	8,522 20	18,522 208,5	522 208	522 208,522	208,522 2	208,522	12	41	41	41	41	41	41	41	41 41	41	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%	
ment to 2014 savings to Comprehensive	True-up Verified										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%	
stment to 2014 savings family Energy Efficiency Rebates	True-up Verified										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%	
ment to 2014 savings	True-up Verified										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%	
ment to 2014 savings	True-up										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%	
m Enabled Savings ment to 2014 savings	Verified True-up	1,436,000	0	0		0 0			0	0	0	150	0	0	0	0	0	0	0 0	0	100.00% 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%	
of Use Savings ment to 2014 savings	Verified True-up	0	0	0	0	0 0	(0	0	0	0	339	0	0	0	0	0	0	0 0	0	100.00% 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%	
Pilots ment to 2014 savings	Verified True-up										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%	
CDM Savings in 2014 ast CDM Savings in 2014		8,829,135										1,763									4,144,773 5,833,432	935,321 2,034,918	6,387 2,408	0	0	128 49	0	0	0	0	0	0	0	0	
on Rate in 2014 renue in 2014 from 2012 programs renue in 2014 from 2013 programs renue in 2014 from 2014 programs st Revenues in 2014 t Lost Revenues in 2014 A in 2014																					\$0.01220 \$11,978.66 \$16,131.03 \$50,566.23 \$78,675.92 \$71,167.87	\$17,209.90	\$4.22110 \$13,509.35 \$18,816.80 \$26,958.48 \$59,284.62 \$10,164.41	\$0.01060 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$12.41560 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2.60070 \$0.00 \$0.00 \$333.39 \$333.39 \$127.43	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00								
Savings Persisting in 2015 Savings Persisting in 2016 Savings Persisting in 2017 Savings Persisting in 2018 Savings Persisting in 2019 Savings Persisting in 2020																					2,521,216 2,403,585 2,374,865 2,136,193 1,804,280	934,017 920,778 674,598 674,598 674,598	6,380 6,380 6,361 6,040 6,040	0 0 0 0	0 0 0 0	128 128 128 128 128	0 0 0 0								



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 suported 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

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Table 5-a. 2015 Lost Revenues Work Form	1		1	1	ı																			
Program	Results	Net Energy Savings (kWh) Net Energy Savings Persistence (kWh)	Monthly	Net Demand Savings (kW)		Net	Peak Dema	nd Savings P	ersistence (k	W)							Rate Allo	cations for LRA	AMVA					
	Status	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024	Multiplier	2015	2016	2017 201	18 2019	2020	2021 202	22 2023 202			GS 50 to 4,999	USL	Sentinel Lighting	Street Lighting								Tot
Legacy Framework Residential Program Coupon Initiative Adjustment to 2015 savings	Verified	959,679 955,447 955,447 955,447 955,447 955,447 955,447 955,379 955,379 955,379		61	61	61 61	1 61	61	61 6	1 61 61		kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0 100
Bi-Annual Retailer Event Initiative	True-up Verified	12,859 11,995 11,995 11,995 11,995 11,995 11,995 11,995 11,992 11,		62	61	61 61	1 61	61	61 6	1 61 61	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%
Adjustment to 2015 savings Appliance Retirement Initiative	True-up Verified	2,117 2,100 2,100 2,100 2,100 2,100 2,100 2,000		96	96	0 0	1 49	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%
Adjustment to 2015 savings	True-up			000							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%
HVAC Incentives Initiative Adjustment to 2015 savings	Verified True-up	505,447 505,447 <t< th=""><th></th><th>259 13</th><th>259 13</th><th>259 259 13 13</th><th></th><th>259 13</th><th>259 25 13 13</th><th>9 259 259 3 13 13</th><th></th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th></t<>		259 13	259 13	259 259 13 13		259 13	259 25 13 13	9 259 259 3 13 13		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%
Residential New Construction and Major Adjustment to 2015 savings	Verified True-up	12,273 12,273<		5	5	5 5	5	5	5 5	5 5	100.00% 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%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2015 savings	Verified True-up	9,778 9,778 9,778 9,778 155,085 155,08	12 12	31 2	31 2	31 31 2 2	1 0	0 33	0 0	0 0 0 3 33 33	0.00%	10.00% 10.00%	90.00% 90.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Efficiency: Equipment Replacement Incentive Initiative	Verified	3,279,784 3,279,784 3,273,347 3,273,347 3,273,347 3,273,347 3,134,478 3,134,478 3,101,099 2,642,897 201,380 201,380 207,817 207,949 207,949 346,819 346,819 361,406 312,925	12	556	556	554 554	4 554	554	522 52	2 516 41		26% 26.00%	74 00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Adjustment to 2015 savings Direct Install Lighting and Water Heating Initiative	True-up Verified	201,300 201,300 207,617 207,949 207,949 340,619 340,619 361,400 312,925 83,781 81,464 51,539 49,433 49,433 49,433 49,433 49,131 49,131 49,131	12	21	20	13 12	2 12	12	12 12			100%		0.0076	0.00%	0.0070	0.0070	0.0076	0.0076	0.00%	0.0070	0.0070	0.0070	0.00%
Adjustment to 2015 savings New Construction and Major Renovation	True-up	-30,201 -27,884 2,041 3,355 3,355 3,355 3,455 3,455 3,455	12	-8	-7	0 0	0	0	0 1	1 1	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%
New Construction and Major Renovation Initiative Adjustment to 2015 savings	Verified True-up	310,259 310,259 <t< th=""><th>12 12</th><th>50 45</th><th>50 45</th><th>50 50 45 45</th><th>50 5 45</th><th>50 45</th><th>50 50 45 49</th><th></th><th>0.00%</th><th>0.00%</th><th>100.00% 100.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th></t<>	12 12	50 45	50 45	50 50 45 45	50 5 45	50 45	50 50 45 49		0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings	Verified True-up		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%
Industrial Program	nac ap				-						0.0070	0.0070	0.00%	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings	Verified True-up	1,985,760 1,985,760 1,985,760 1,985,760 1,985,760 1,985,760 1,985,760 1,985,760 1,985,760 1,985,760	12 12	169	169	169 169	9 169	169	169 16	9 169 169	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified		12																					0%
Adjustment to 2015 savings	True-up		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%
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2015 savings	Verified True-up	80,604 80,604 80,604 80,604 80,604 80,604 80,604 20,803 20,803	12 12	13	13	13 13	3 13	13	13 1:	3 6 6	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	238,893 199,981 193,087 186,192 185,982 184,710 184,260 125,601 125,601 148,437 141,316 139,967 138,619 138,481 138,481 138,076 137,926 127,595 127,595	12 12	29 43	27 43	27 26 43 43	3 26 3 43	26 43	26 20 43 43			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%
Other Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up		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%
Program Enabled Savings Adjustment to 2015 savings	Verified True-up		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%
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Verified True-up		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%
Loblaws Pilot Adjustment to 2015 savings	Verified True-up		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%
Conservation Fund Pilot - SEG	Verified		0																					0%
Adjustment to 2015 savings Social Benchmarking Pliot	True-up Verified		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%
Adjustment to 2015 savings Conservation First Framework Residential Province-Wide Programs	True-up	, , , , , , , , , , , , , , , , , , ,	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%
1 Save on Energy Coupon Program Adjustment to 2015 savings	Verified True-up	633,031 630,027 630,027 630,027 630,027 630,027 630,027 630,027 630,027 630,027 629,928 <t< th=""><th></th><th>41 13</th><th>40 12</th><th>40 40 12 12</th><th>) 40 2 12</th><th>40 12</th><th>40 40 12 12</th><th></th><th>100.00% 100.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th></t<>		41 13	40 12	40 40 12 12) 40 2 12	40 12	40 40 12 12		100.00% 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%
2 Save on Energy Heating and Cooling Program Adjustment to 2015 savings	Verified True-up	55,984 55,984<		28 8	28 8	28 28 8 8	3 28 8	28 8	28 28 8 8		100.00% 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%
Save on Energy New Construction Program	Verified																							0%
Adjustment to 2015 savings Save on Energy Home Assistance Program	True-up Verified										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%
Adjustment to 2015 savings	Verified True-up										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%
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up		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%
Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up	136,088 136,088 136,088 136,088 136,088 136,088 136,088 136,088 136,088 136,088 123,802	12 12	21	21	21 21	1 21	21	21 2	1 21 19		12.6% 12.60%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Small Business Lighting Program	Verified		12													0.777	0.777							0%
Save on Energy High Performance New	True-up Verified		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%
Construction Program Adjustment to 2015 savings	True-up		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%
Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Verified True-up		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%
Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	Verified True-up		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%
,		t t t t t t t t t t t t t t t t t t t	·············· ·			JJ																		

Second																									
Search Se	31 Save on Energy Monitoring & Targeting Program					12																			0%
Second	Adjustment to 2015 savings					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%	
March Marc	32 Save on Energy Energy Manager Program Adjustment to 2015 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%
March Marc	Local & Regional Programs	Varified		 		 																			09/
Control Cont	Adjustment to 2015 savings					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%
March Marc	34 First Nation Conservation Local Program Adjustment to 2015 savings					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%
Part	35 Social Benchmarking Local Program	Verified				0																			0%
Part	*	True-up				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%	
Control Cont	Enersource Hydro Mississauga Inc																								001
Part	Program - Conservation Fund					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%
Mainten Main						U					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%	
Marches Marc						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%
Martine Mart	38 EnWin Utilities Ltd Re-Invest Pilo	Verified				0																			0%
Selection Live Live Live Live Live Live Live Live	Adjustment to 2015 savings	True-up				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%	
Part	39 Horizon Utilities Corporation - ECM Furnace Motor Pilot					0					0.0	0.057	0.007	0.005	0.005	0.077	0.0	0.055	0.077	0.0	0.007	0.005	0.00	0.055	0%
Part		True-up				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%	
Part	40 Benchmarking Pilot Adjustment to 2015 savings					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%
Page		rido ap									0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
Properties Pro	41 Regulation (CVR) Leveraging AMI Data Pilot					0																			0%
Page		True-up				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%	
Adjustment (1) Adju	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																							0%
Majes Maje	Adjustment to 2015 savings	True-up									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%	
Page	43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified				0																			0%
Work	Adjustment to 2015 savings	True-up				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%	
Adjustments 2015 sevings Obviet Intelli-Explane (Application for Ex- Free Device Excision (Deviction for Ex- Free Devict Excision (Devict Excision	44 Install Energy Efficiency Measures for the	Verified				0																			0%
Dect Indical Hydgories Value 0	Agricultural Sector Adjustment to 2015 savings	True-up				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%	
Oxide Hydro Electricity Contribution inc Vertical System Uniford Electricity Contribution inc Vertical System Uniford Electric System Uniford El	Oakville Hydro Electricity Distribution Inc	Verified				0																			0%
Adjustment to 2015 savings Trus-up 0 00% 00% 00% 00% 00% 00% 00% 00% 00%	Adjustment to 2015 savings	True-up				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%	
Adjustment to 2015 savings Trus-up 0 00% 00% 00% 00% 00% 00% 00% 00% 00%	46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified				0																			0%
Adjustment to 2015 savings True-up Toronto Hydro-Electric System Limited - Direct Installs - FIVE Centrotes (Piote System Limited - PF Install Part Centrotes) Adjustment to 2015 savings	Adjustment to 2015 savings	True-up				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%	
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Plot Savings) Verified 0 0 0 0 0 0 0 0 0	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings					0					0.00%	0.00%	0.00%	0.00%	0.00%	0.009/	0.00%	0.009/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install - RTU Controls (Pilot Savings) Verified		rrue-up				U					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%	
Toronto Hydro-Electric System Limited - PFP Verified 0 0.00% 0	Direct Install - RTU Controls (Pilot Savings)	Verified				0																			0%
Adjustment to 2015 savings True-up 0 0.00%						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%	
Actual CDM Savings in 2015 10,761,443 9 1,388 9,069 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified				0																			0%
Section Sect		True-up	40.704.445			0	4 505							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Lost Revenue in 2015 from 2012 programs \$11,945.10 \$26,958.17 \$13,124.64 \$0.00 \$0.0			10,/61,443				1,585							0	0	0 49	0	0	0	0	0	0	0	0	
Lost Revenue in 2015 from 2013 programs \$16,215.10 \$26,206.89 \$19,048.60 \$0.0	Distribution Rate in 2015																								\$52.027.01
Lost Revenue in 2015 from 2015 programs \$2,260.00 \$18,438.69 \$38,751.92 \$0.00	Lost Revenue in 2015 from 2013 programs										\$16,215.10	\$26,206.69 \$17,372.72	\$19,048.60 \$27,263.62	\$0.00 \$0.00	\$0.00 \$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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$61,470.40 \$76,236.53
Forecast Lost Revenues in 2015 \$10,289.62 \$0.00 \$0.00 \$10,00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$129.00 \$0.00 \$129.60 \$129.	Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015										\$52,260.00 \$111,683.28	\$18,438.89 \$88,976.48	\$38,751.92 \$98,188.79	\$0.00 \$0.00	\$0.00 \$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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$109,450.81 \$299,185.65
											\$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	\$120,602.66 \$178,583.00
2015 Savings Persisting in 2016	2015 Savings Persisting in 2016										4,142,011		9,069	0	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2017 2015 Savings Persisting in 2017 2015 Savings Persisting in 2017 2015 On the state of the s	2015 Savings Persisting in 2018										4,112,161	990,581	9,069	0	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2019 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2015 Savings Persisting in 2020			 		 		 	 	_	3,970,069 3,636,349			0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form		eturn to top Net Energy Net Energy Savings Persistence (kWh)		Net Demand	Net Pea	k Demand	Savings Persistence (kW)							Rate Alloe	cations for LRA	.MVA					
Program	Results Status	savings (kwn)	Mont 023 2024 2025		2017 2018 2019	2020	2021 2022 2023 2024 2025	Residential	GS<50 kW	GS 50 to 4,999	USL	Sentinel Lighting S	Street Lighting								Total
Legacy Framework				2010	2010 2010	2020	2021 2020 2020	kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0
Residential Program Coupon Initiative Adjustment to 2016 savings	Verified True-up							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%
Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Verified True-up							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%
Appliance Retirement Initiative Adjustment to 2016 savings	Verified True-up							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%
HVAC Incentives Initaitive Adjustment to 2016 savings	Verified True-up							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%
Residential New Construction and Major Renovation Initiative	Verified							3.5575	0.0070	0.0070	0.5070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.5070	0%
Adjustment to 2016 savings	True-up							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%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2016 savings	Verified True-up		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%
Efficiency: Equipment Replacement Incentive Initiative	Verified		12																		0%
Adjustment to 2016 savings Direct Install Lighting and Water Heating	True-up Verified		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%
Initiative Adjustment to 2016 savings	True-up		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%
New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up		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%
Existing Building Commissioning Incentive Initiative	Verified		3																		09
Adjustment to 2016 savings Industrial Program	True-up		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%
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2016 savings	Verified True-up		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%
Process and Systems Upgrades Initiatives -								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%	
Monitoring and Targeting Initiative Adjustment to 2016 savings	Verified True-up		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%
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified		12																		09
Adjustment to 2016 savings Low Income Program	True-up							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%
Low Income Initiative Adjustment to 2016 savings	Verified True-up		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%
Other Aboriginal Conservation Program Adjustment to 2016 savings	Verified True-up		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%
Program Enabled Savings Adjustment to 2016 savings	Verified True-up		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%
Conservation Fund Pilots Conservation Fund Pilot - EnerNOC	Verified		0																		04
Adjustment to 2016 savings	True-up Verified		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%
Adjustment to 2016 savings	True-up		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%
Conservation Fund Pilot - SEG Adjustment to 2016 savings	Verified True-up		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%
Social Benchmarking Pliot Adjustment to 2016 savings	Verified True-up		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%
Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program	Verified	3,915,399 3,915,399 3,915,399 3,915,399 3,915,399 3,915,399 3,915,399		254	254 254 254	254	254 254 254 254 253														100
Adjustment to 2016 savings Save on Energy Heating and Cooling	True-up	424,976 424,97		27	27 27 27	27			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%
Save on Energy Heating and Cooling Program Adjustment to 2016 savings	Verified True-up	484,439 484,43		139	139 139 139 2 2 2	139	139 139 139 139 139 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%
Save on Energy New Construction Program Adjustment to 2016 savings	Verified True-up							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%
Save on Energy Home Assistance Program	Verified																				09
Adjustment to 2016 savings Non-Residential Province-Wide Programs	True-up							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%
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2016 savings	Verified True-up	52,571 52,571 52,571 52,571 52,571 52,571 52,571 52	2,571 52,571 52,571 12 12	7	7 7 7	7	7 7 7 7 7	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Retrofit Program Adjustment to 2016 savings	Verified True-up	5,010,412 4,859,023 4,859,023 4,859,023 4,859,023 4,847,554 4,847,554 4,847,554 664,998 816,386 817,524 817,524 817,524 814,108 814,108 814			637 637 637 111 111 111	637 111	636 636 636 636 636 110 110 110 110 110		20.10% 20.10%	79.70% 79.70%	0.00%	0.20% 0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Small Business Lighting	Verified		12							0.057	0.007	0.000	0.000	0.057	0.077	0.055	0.055	0.057	0.007	0.007	09
Adjustment to 2016 savings	True-up Verified		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%
Construction Program Adjustment to 2016 savings	True-up		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%
Save on Energy Existing Building Commissioning Program Adjustment to 2016 savings	Verified True-up		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%
Save on Energy Process & Systems Upgrades Program	Verified		12																		09
Adjustment to 2016 savings	True-up		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%
Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings	Verified True-up		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%
,	-r 1																				

32 Save on Energy Energy Manager Program	Verified										12	2												100.00%												100%
Adjustment to 2016 savings	True-up	1,671	1,671	1,671	0	0	0 0	0	0 0	0	12	2	0	0	0	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%	
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2016 savings	Verified True-up										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%
34 First Nation Conservation Local Program Adjustment to 2016 savings	Verified True-up										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%
35 Social Benchmarking Local Program Adjustment to 2016 savings	Verified True-up										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%
Pilot Programs Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Verified	656	656	656	656	656	656 65	56 (656 656	65	6 0		0	0	0	0	0	0	0 0	0	0	100.00%														100%
Adjustment to 2016 savings	True-up Verified										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%	201
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2016 savings	True-up										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%
38 EnWin Utilities Ltd Re-Invest Pilo Adjustment to 2016 savings	Verified True-up										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%
Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2016 savings	Verified True-up										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%
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified										0																									0%
Adjustment to 2016 savings Hydro Ottawa Limited - Conservation Voltage	True-up Verified										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%	001
41 Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2016 savings	True-up										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%
Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																			0%
Adjustment to 2016 savings	True-up																					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%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2016 savings	Verified True-up										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%
Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the	Verified										0																									0%
Agricultural Sector Adjustment to 2016 savings	True-up										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%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2016 savings	Verified True-up										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%
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified True-up	***************************************									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%	0.000/	0.00%	0%
Adjustment to 2016 savings Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified										0											0.00%	U.UU%	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%
Adjustment to 2016 savings Toronto Hydro-Electric System Limited -	True-up										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%	
48 Direct Install - RTU Controls (Pilot Savings) Adjustment to 2016 savings	Verified True-up										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%
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verilled										0																									0%
Adjustment to 2016 savings Actual CDM Savings in 2016	True-up	10,562,776									0		1,176									0.00% 4,833,124	0.00%	0.00% 7,228	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Forecast CDM Savings in 2016 Distribution Rate in 2016	THE PERSON NAMED IN COLUMN TWO		1																			5,833,432 \$0.01030	2,034,918 \$0.01870	2,408 \$4.28940	0 \$0.01070	\$12.61640	49 \$2.64270	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Usinoution Acie la ZUI 6 Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2015 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMV4 in 2016																						\$0.01030 \$8,165.84 \$12,463.46 \$24,756.93 \$42,662.71 \$49,781.18 \$137,830.12 \$60,084.35	\$0.01870 \$27,065.28 \$24,978.80 \$17,218.55 \$18,538.02 \$21,332.16 \$109,132.82 \$38,052.97	\$12,348.62 \$19,112.13 \$27,367.62 \$38,899.75 \$31,005.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$12.61640 \$0.00 \$0.00 \$0.00 \$0.00 \$226.19 \$226.19 \$0.00	\$2.64270 \$0.00 \$0.00 \$338.39 \$0.00 \$0.00 \$338.39 \$129.49	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$47,579.74 \$56,554.39 \$69,681.49 \$100,100.48 \$102,344.63 \$376,260.73 \$108,595.68 \$267,665.05
2016 Savings Persisting in 2017 2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020																						4,833,124 4,833,124 4,833,124 4,833,124	1,140,757 1,140,986 1,140,986 1,140,986	7,238 7,238 7,238 7,238	0 0 0	18 18 18 18	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	

Note: GSH Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program added (highlighted in yellow)

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LRAMVA Work Form: Carrying Charges by Rate Class

Version 3.0 (2019)

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

- 1. 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 autopopulate 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.
- 2. 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.
- 3. 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

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

Go to Tab 1: Summary

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 Q2	
2020 Q4	

hock	OFR	woh	cito

Table 0-a. Ca	iculation of Ca	arrying cos	is by Nate C	iass		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	\$0.00	\$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	\$0.00	\$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	\$0.00	\$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	\$0.00	\$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	\$0.00	\$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	\$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	\$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	\$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	\$0.00	\$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	\$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	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$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																		
Opening Balan				\$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
Jan-12	2011-2012	Q1	0.12%	\$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
Feb-12	2011-2012	Q1	0.12%	\$3.02	\$5.21	\$1.77	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$110.06
Total for 2012				\$199.63	\$343.67	\$117.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$660.33
Amount Cleared				6400.00	6040.67	6447.00	60.00	60.00	£0.00	£0.00	60.00	CO.00	60.00	***	60.00	***	***	****
Opening Balan		Q1	0.12%	\$199.63 \$36.30	\$343.67 \$62.49	\$117.03 \$21.28	\$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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$660.33 \$120.06
Jan-13 Feb-13	2011-2013 2011-2013	Q1	0.12%	\$36.30	\$62.49 \$64.26	\$21.28	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120.06
Mar-13	2011-2013	Q1	0.12%	\$27.53	\$66.04	\$25.80	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$119.09
Apr-13	2011-2013	Q2	0.12%	\$27.55	\$67.82	\$28.06	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$118.95
May-13	2011-2013	Q2 Q2	0.12%	\$18.76	\$69.60	\$30.33	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$118.58
Jun-13	2011-2013	Q2 Q2	0.12%	\$14.38	\$71.38	\$32.59	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$118.21
Jul-13	2011-2013	Q2 Q3	0.12%	\$9.99	\$73.16	\$34.85	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$117.84
Aug-13	2011-2013	Q3	0.12%	\$5.61	\$73.10	\$37.11	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$117.64
Sep-13	2011-2013	Q3	0.12%	\$1.22	\$76.71	\$39.37	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$117.47
Oct-13	2011-2013	Q3 Q4	0.12%	-\$3.16	\$78.49	\$41.64	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$117.10
Nov-13	2011-2013	Q4 Q4	0.12%	-\$7.54	\$80.27	\$43.90	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$116.36
Dec-13	2011-2013	Q4 Q4	0.12%	-\$11.93	\$82.05	\$46.16	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115.99
Total for 2013	2011-2013	Q4	0.1270	\$345.85	\$1,210.87	\$521.67	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,076.63
Amount Cleared				ψ5-5.05	Ψ1,210.07	Ψ021.07	ψυ.υυ	ψ0.00	-ψ1.70	ψ0.00	ψυ.υυ	ψυ.υυ	Ψ0.00	ψ0.00	ψυ.υυ	ψυ.υυ	ψυ.υυ	ΨΣ,070.00
Amount Cleared																		

Opening Balan	ce for 2014		1	\$345.85	\$1,210.87	\$521.67	\$0.00	\$0.00	-\$1.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,076.63
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	\$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	\$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	\$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	\$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	\$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	\$162.34
Jul-14 Aug-14	2011-2014 2011-2014	Q3 Q3	0.12% 0.12%	-\$11.71 -\$10.95	\$105.08 \$108.62	\$78.51 \$83.52	\$0.00 \$0.00	\$0.00 \$0.00	-\$0.19 -\$0.17	\$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	\$171.68 \$181.02
Sep-14	2011-2014	Q3	0.12%	-\$10.93	\$108.02	\$88.54	\$0.00	\$0.00	-\$0.17		\$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 -\$0.13	\$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	\$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	\$218.40
Total for 2014				\$200.70	\$2,450.54	\$1,433.68	\$0.00	\$0.00	-\$4.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,080.72
Amount Cleared																		
Opening Balan				\$200.70	\$2,450.54	\$1,433.68	\$0.00	\$0.00	-\$4.20			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,080.72
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	\$227.74
Feb-15	2011-2015	Q1	0.12%	-\$3.10	\$131.54	\$117.57	\$0.00	\$0.00 \$0.00	-\$0.05		· · · · · ·		\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$245.97 \$264.20
Mar-15 Apr-15	2011-2015 2011-2015	Q1 Q2	0.12% 0.09%	\$0.92 \$3.69	\$136.76 \$106.25	\$126.54 \$101.40	\$0.00 \$0.00	\$0.00	-\$0.02 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$204.20
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	\$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	\$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	\$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	\$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	\$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	\$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	\$306.83
Dec-15 Total for 2015	2011-2015	Q4	0.09%	\$27.74 \$332.87	\$137.49 \$3,941.99	\$155.12 \$2,940.74	\$0.00 \$0.00	\$0.00 \$0.00	\$0.12 - \$3.79				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$320.48 \$7,211.80
Amount Cleared	1			φ332.67	\$3,341.33	\$2,540.74	\$0.00	\$0.00	-43.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	φυ.υυ	\$0.00	\$0.00	\$7,211.00
Opening Balan				\$332.87	\$3,941.99	\$2,940.74	\$0.00	\$0.00	-\$3.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,211.80
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	\$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	\$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	\$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	\$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	\$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	\$436.35
Jul-16	2011-2016 2011-2016	Q3 Q3	0.09% 0.09%	\$66.38 \$72.32	\$173.97 \$179.40	\$216.10 \$225.15	\$0.00 \$0.00	\$0.10 \$0.12	\$0.24 \$0.25		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$456.80 \$477.24
Aug-16 Sep-16	2011-2016	Q3	0.09%	\$78.26	\$179.40	\$234.19	\$0.00	\$0.12	\$0.23		· · · · · ·		\$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	\$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	\$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	\$559.03
Total for 2016				\$1,093.79	\$5,997.09	\$5,479.72	\$0.00	\$1.14	-\$1.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,570.69
Amount Cleared																		
Opening Balan				\$1,093.79	\$5,997.09	\$5,479.72	\$0.00	\$1.14	-\$1.06				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,570.69
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	\$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	\$579.48
Mar-17 Apr-17	2011-2017 2011-2017	Q1 Q2	0.09%	\$102.01 \$102.01	\$206.55 \$206.55	\$270.37 \$270.37	\$0.00 \$0.00	\$0.21 \$0.21	\$0.33 \$0.33	\$ \$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	\$579.48 \$579.48
May-17	2011-2017	Q2 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	\$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	\$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	\$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	\$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	
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	
Nov-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	\$790.20
Dec-17 Total for 2017	2011-2017	Q4	0.13%	\$139.11 \$2,429.24	\$281.66 \$8,701.04	\$368.69 \$9,019.14	\$0.00 \$0.00	\$0.28 \$3.85	\$0.45 \$3.29				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$790.20 \$20,156.57
Amount Cleared	1			\$2,420.24	\$6,767.64	\$0,010.14	ψ0.00	ψ0.00	\$0.20	ψυ.συ	\$0.00	40.00	ψ0.00	ψ0.00	ψ0.00	ψο.σσ	ψ0.00	\$20,100.07
Opening Balan				\$2,429.24	\$8,701.04	\$9,019.14	\$0.00	\$3.85	\$3.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,156.57
Jan-18	2011-2018	Q1	0.13%	\$139.11	\$281.66	\$368.69	\$0.00	\$0.28	\$0.45		· · · · · ·		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$790.20
Feb-18	2011-2018	Q1	0.13%	\$139.11	\$281.66	\$368.69	\$0.00	\$0.28	\$0.45				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$790.20
Mar-18	2011-2018	Q1	0.13%	\$139.11	\$281.66	\$368.69	\$0.00	\$0.28	\$0.45				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$790.20
Apr-18	2011-2018	Q2	0.16%	\$175.28	\$354.89	\$464.55	\$0.00	\$0.36	\$0.57				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$995.65
May-18	2011-2018	Q2	0.16%	\$175.28	\$354.89	\$464.55	\$0.00	\$0.36	\$0.57		· · · · · ·	· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$995.65
Jun-18 Jul-18	2011-2018	Q2 Q3	0.16% 0.16%	\$175.28 \$175.28	\$354.89 \$354.89	\$464.55 \$464.55	\$0.00 \$0.00	\$0.36 \$0.36	\$0.57 \$0.57				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$995.65 \$995.65
Aug-18	2011-2018 2011-2018	Q3 Q3	0.16%	\$175.28 \$175.28	\$354.89 \$354.89	\$464.55 \$464.55	\$0.00	\$0.36	\$0.57 \$0.57			· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$995.65
Sep-18	2011-2018	Q3	0.16%	\$175.28	\$354.89	\$464.55	\$0.00	\$0.36	\$0.57			· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Oct-18	2011-2018	Q4	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65		· · · · · ·	· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-18	2011-2018	Q4	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec-18	2011-2018	Q4	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65			· · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Total for 2018				\$4,501.97	\$12,897.80	\$14,512.62	\$0.00	\$8.07	\$10.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,930.50
Amount Cleared	1											I						

Opening Balan	ce for 2019			\$4,501.97	\$12,897.80	\$14,512.62	\$0.00	\$8.07	\$10.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,930.50
Jan-19	2011-2019	Q1	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,143.15
Feb-19	2011-2019	Q1	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,143.15
Mar-19	2011-2019	Q1	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,143.15
Apr-19	2011-2019	Q2	0.18%	\$201.24	\$407.47	\$533.37	\$0.00	\$0.41	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,143.15
May-19	2011-2019	Q2	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
Jun-19	2011-2019	Q2	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
Jul-19	2011-2019	Q3	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
Aug-19	2011-2019	Q3	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
Sep-19	2011-2019	Q3	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
Oct-19	2011-2019	Q4	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
Nov-19	2011-2019	Q4	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
Dec-19	2011-2019	Q4	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
Total for 2019				\$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	\$36,503.10
Amount Cleared																		
Opening Balan				\$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	\$36,503.10
Jan-20	2011-2020	Q1	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
Feb-20	2011-2020	Q1	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
Mar-20	2011-2020	Q1	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
Apr-20	2011-2020	Q2	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
May-20	2011-2020	Q2	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
Jun-20	2011-2020	Q2	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
Jul-20	2011-2020	Q3	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
Aug-20	2011-2020	Q3	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
Sep-20	2011-2020	Q3	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
Oct-20	2011-2020	Q4	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
Nov-20	2011-2020	Q4	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
Dec-20	2011-2020	Q4	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
Total for 2020				\$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	\$36,503.10
Amount Cleared	_																	

ntario Energy Boar

Supporting Documentation: LDC Persistence Savings Results from IESO

Drop Down List (Blue)
Instructions (Grey)

1. Columns B or If this tob have been structured in a way to match the formatting of the persistence report provided by the ESO. 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.

2. Reseas lettedly the source of the report wis the disposition in Columns in Columns I.

3. To facilitate the celebration of adjustments that may be available in a prospective year's results report, a 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 I/25 (highlighted in crange). Before you sort values, please ensure that all table columns have filters.

4. Resea feetify what the axings value represents (e.e., current year assings for the year or an adjustment would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

5. Resea remainly input or in the application savings and substructions of the columns of t

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

Step: #1 Portfolio Program	Initiative	line	Sector Conservation	#3 #2	84 Sify Source of Identify Status of Savings	#1 Not Verified Ann	uual Peak Demand Sa	avines at the Fnd.I	Ser Level (kW)											#1 Not Verified Annual	Energy Savings at th	he End-User Level (kV	vh)														
rogani			Resource T	Type Year Repor	ort Savings	Net Vernau Ann	TOUR PERK DEIMAND JU	avings at the tho-c	and Laver (KW)											Net verified Affilia	Lineray savings at the	ne cino-oser tever (x v	*,														
						2012	2014	2015	2018	2020	2022	2025	2027	2029	2031	2033	2035	2038	2040	2012	2013	2015	2016	2017	2019	2020	2022	2023	2025	2026	2027	2029	2031	2032	2034	2036	2039
Tier 1 Consumer Tier 1 Consumer	Appliance Exchange Appliance Retirement Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2011 2011 R 2011 2011 R	Results Persistence Current year savings Results Persistence Current year savings		4 4 75 75	2 0 65 39	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	5,209 427,371 4	5,209 5,209 127,371 427,371 101,981 301,981 100,793 200,793 155,312 555,312	2,969 418,189 2	0 0 14,738 0 75,988 247,593	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
Tier 1 Consumer Tier 1 Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2011 2011 R 2011 2011 R	Results Persistence Current year savings Results Persistence Current year savings	12	17 17 12 12	17 16 12 11	15 12 12 11 9 9	14 7 10 6	1 1	1 1	1 1 1	0 0	0 0	0 0 0	0 0	0 0	0 0 0	301,981 3 200,793 2	01,981 301,981 00,793 200,793	301,981 2 200,793 1	75,988 247,593 84,703 167,126 55,312 555,312	186,669 130,808	185,988 240,37 130,001 163,66	6 77,135 8 62,621	27,774 24, 21,042 16,	.448 24,448 .642 16,642 .312 555,312	18,056 18, 14,850 14,	350 14,444	0	0 0	0	0 0	0 0	0 0	0 0 0
Tier 1 Consumer	Residential Demand Resonnse	Greater Sudbury Hydro Inc.	Residential EE Residential DR	2011 2011 R 2011 2011 R	Results Persistence Current year savings Results Persistence Current year savings	279 2	279 279 2	279 279	279 279 279	279 279	279 279	279 279	279 279 1	279 279 2	263 0	0 0 0	0 0	0 0	0 0 0	555,312 5: 189	55,312 555,312	555,312 5	55,312 555,312	555,312	555,312 555,3	2 555,312	555,312 555,	312 555,312	555,312 555,	0 555,312	555,312 5	55,312 541,418	0	0 0	0 0	0 0	0 0 0
Tier 1 Consumer	Retailer Co-op Commercial Demand Response (part of the R Demand Response 3 (part of the Industrial p	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE	2011 2011 R	Results Persistence Current year savings Results Persistence Current year savings	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 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	0 0 0
Tier 1 Rusiness	Direct Install Lighting	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial & Institutional DR Commercial & Institutional DR Commercial & Institutional EE	2011 2011 R 2011 2011 R	Results Persistence Current year savings Results Persistence Current year savings	86	0 0 82 82	70 70	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	3,376 207.531 2	0 0	175.464 1	0 0 75.464 174.421	73.486	73.180 73.18	0 0	62.748 62	0 0 748 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
Tier 1 Business Tier 1 Industrial	Retrofit Demand Response 3	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial & Institutional EE Industrial DR		Results Persistence Current year savings Results Persistence Current year savings	198 1	198 198 1	198 198	70 28 27 198 198 198	158 158 0 0	158 15 0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	1,080,286 1,0	1,080,286	175,464 1 1,080,286 1,0	80,286 1,080,286	1,080,286 1,	080,286 933,97	5 933,975	933,975 101,	084 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
Tier 1 Industrial Tier 1 Pre-2011 Pr	Retrofit rosElectricity Retrofit Incentive Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Industrial EE Commercial & Institutional EE	2011 2011 R	Results Persistence Current year savings Results Persistence Current year savings	11 26	11 11 26 26	11 11 26 26	11 11 11 26 26 26	11 11 26 26	11 0 26 26	26 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	67,778 149,161 1	67,778 67,778 49.161 149.161	67,778 149,161 1-55,641 18,429 2,344 -2,329 -108,301 -1	57,778 67,778 49.161 149.161	67,778 149.161	67,778 67,77 149,161 149,16	8 67,778 1 149,161	67,778 149,161 149.	0 0 161 149.161	0	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
Tier 1 Pre-2011 Pr Tier 1 - 2011 Artis street Rusiness	ro High Performance New Construction	Greater Sudbury Hydro Inc.	Commercial & Institutional EE	2011 2011 R	Results Persistence Current year savings Results Persistence Adjustment	11	11 11	11 11	11 11 11	11 11	11 11	11 11	11 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	55,641 18,429	55,641 55,641 18,429 18,429	55,641 18,429	55,641 55,641 18,429 18,429	55,641 17,452	55,641 55,64 17,452 14.80	1 55,641 8 14,803	55,641 55, 14,803 14	,641 55,641 112 979	55,641 55,	541 2,329	2,329	2,329 2,329	2,329	2,329 2,329	2,329 2,329	2,329 2,329	0 0 0
Tier 1 - 2011 Adjustment Business Tier 1 - 2011 Adjustment Bys. 2011 Pr	Direct Install Lighting	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	C&I EE	2011 2012 R	Results Persistence Adjustment Results Persistence Adjustment	3	3 3	1 1	1 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	6,872	6,872 6,872	2,344	2,344 2,344	737	737 7	7 737	328	328 0	.2 329 .2	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
	ro High Performance New Construction HVAC Incentives Bi-Annual Retailer Event	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2011 2012 8	Results Persistence Adjustment Results Persistence Adjustment	-55	-55 -55 - 1 1	-55 -55 1 1	-55 -55 -55 1 1 1	-55 -55 1 0	-55 -55 0 0	-55 -55 0 0	-55 -55 -	-55 -55 -	-51 0	0 0 0	0 0	0 0	0 0 0	-108,301 -1 22,436	08,301 -108,301 22,436 22,436	-108,301 -1 22,436	18,301 -108,301 22,436 20,388	-108,301 - 11.007	108,301 -108,30 11,005 11,00	1 -108,301	-108,301 -108, 2,040 1.	301 -108,301 873 1.873	-108,301 -108, 1,554 1.	301 -108,301 554 1,552	-108,301 -1	08,301 -104,954	0	0 0	0 0	0 0	0 0 0
Fier 1 - 2011 Adjustment Consumer	Conservation Instant Coupon Booklet Direct Install Lighting	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE C&I EE	2011 2012 R	Results Persistence Adjustment Results Persistence Current year savings	0	0 0 238 238 2	1 1 0 0 238 211	0 0 0 211 47 47	0 0 45 45	0 0 45 41	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	22,436 2,833	2,833 2,833 128.976 828.976	2,833 828.976 7.	2,833 2,588 27,621 725,597	1,588 177,724	1,586 1,58 177,724 175,38	6 562 9 175,389	254 175,389 140.	185 185 162 140.162	166	166 164	0	0 0	0 0 0 31,115 3	0 0	0 0	0 0	0 0 0
	Retrofit Energy Audit	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	CBI EE	2012 2012 R	Results Persistence Current year savings	0 3	303 300 2 16 16	299 282 16 16	282 261 259	259 250	223 219	219 49	38 38	25 14	14 14	14 0 0	0 0	0 0	0 0 0	0 1,6	84,769 1,674,891 75,529 75,529	1,672,695 1,6 75.529	16,643 1,616,643 75,529	1,546,374 1,	534,865 1,534,86	δ 1,507,311	1,352,112 1,321,	787 1,321,787	309,706 271,	242 271,242	57,560	31,115 31,115	31,115 3	0 0	0 0	0 0	0 0 0
ier 1 Consumer	Appliance Exchange Appliance Retirement	Greater Sudbury Hydro Inc.	Residential EE	2012 2012 R	Results Persistence Current year savings	0	4 4 86 86	4 4	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 4	7,429 7,429 IN4 997 404 997	7,429	7,333 0 86 549 251 397	0		0 0	0	0 0	0	0 0	0	0 0	31,115 3 0 0 0 12,874 1	0 0	0 0	0 0	0 0 0
	Appliance Retirement Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE	2012 2012 R	Results Persistence Current year savings Results Persistence Current year savings Results Persistence Current year savings	0	15 15	15 15	14 12 9	9 9	6 2	2 2	2 2	2 1	1 1	1 0 0	0 0	0 0	0 0 0	0 2	75,204 275,204 14.368 14.368	275,204 2 14 368	75,204 247,391 14 368 14 152	201,164	137,215 136,93 6,664 6,63	9 136,929	69,550 51, 6,627 1	,615 50,011 076 867	50,011 46, 867	519 46,519 745 745	45,883 717	12,874 12,874	12,874 1	2,874 0	0 0	0 0	0 0 0
Fier 1 Consumer Fier 1 Pys. 2011 Px	HVAC Incentives routigh Performance New Construction	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE	2012 2012 R 2012 2012 R	Results Persistence Current year savings	0 1	142 142 1 14 14	142 142 14 14	142 142 142 14 14 14	142 142 14 14	142 142 14 14	142 142 14 0	142 142 1	142 142 1	142 134	0 0 0	0 0	0 0	0 0 0			14,368 266,601 2 68,381	56,601 266,601 58.381 68.381	266,601 68.381	266,601 266,60 68.381 68.30	1 266,601	266,601 266, 68,381 68	076 867 601 266,601 381 68,381	266,601 266,		266,601 2	66,601 266,601	259,580	0 0	0 0	0 0	0 0 0
	Demand Response 3 (part of the Industrial p Residential New Construction	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	C&I DR		Results Persistence Current year savings Results Persistence Current year savings Results Persistence Current year savings	0	87 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	0	66,601 266,601 68,381 68,381 1,261 0 4,154 4,154	4.154	0 0	4.154	0 4.154 4.16	4 4.154	4.154 4		0	0 0	0	0 0		0 0	0 0	0 0	0 0 0
DC Business DC Consumer	Retrofit HVAC	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial & Institutional EE Residential EE	2012 2013 R 2012 2013 R	Results Persistence Adjustment Results Persistence Adjustment	0	76 76 4 4	76 76 4 4	76 71 68 4 4 4	68 68 4 4	51 15 4 4	15 2 4 4	2 2	1 0	0 0	0 0 0 4 0 0	0 0	0 0	0 0 0	0 3	34,015 334,015 9,020 9.020	4,154 334,015 3 9,020 85 2,562	34,015 334,015 9,020 9,020	317,647 9,020	305,678 305,67 9,020 9.02	8 305,678 0 9,020	4,154 4, 234,157 76, 9,020 9,	154 4,154 768 76,768 ,020 9,020	4,048 4, 9,020 9,	048 4,048 020 9,020 85 85	2,894 9,020	9,020 9,020	8,829	0 0	0 0	0 0	0 0 0
DC Consumer DC Business	HVAC Energy Audit	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Commercial EE	2012 2013 R 2012 2014 R	Results Persistence Adjustment Results Persistence Adjustment	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 0 0	0	85 85 2,562 2,562	85 2,562	85 85 2,562 0	85	85 8	S 85	85	85 85 0 0	85	85 85	85	85 85 0 0	79 0	0 0	0 0	0 0	0 0 0
DC Business Fier 1 Industrial	Energy Managers		Commercial EE Industrial EE	2012 2014 R 2012 2014 R	Results Persistence Adjustment Results Persistence Adjustment	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			0 0		0 0		0 0	0 0 0
DC Business DC Business	Energy Audit Funding DR-3	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial & Institutional EE Commercial & Institutional DR	2013 2013 R 2013 2013 R	Results Persistence Current year savings Results Persistence Current year savings	0		203 203		0 0	0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	0	0 1,114,368 0 1,174	1,114,368 1,1	14,368 1,114,368	0		0 0	0	0 0	0	0 0	0	0 0		0 0	0 0	0 0	0 0 0
.DC Business .DC Business	Retrofit Small Business Lighting Annual Coupons	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial & Institutional EE Commercial & Institutional EE	2013 2013 R 2013 2013 R	Results Persistence Current year savings Results Persistence Current year savings	0	0 198 1 0 246 2	198 198 246 244	198 194 190 225 64 64	190 190 64 59	185 158 59 59	125 125 56 50	77 77	77 65 0 0	13 13 0 0	13 13 0 0 0 0	0 0	0 0	0 0 0	0	0 1,257,283 0 810,410	1,257,283 1,2 810,410 8	57,283 1,257,283 15,827 732,630	1,243,670 1, 217,052	219,032 1,219,0 217,052 217,0	2 1,212,107 2 212,708	1,192,725 1,013, 212,708 212,	,120 741,255 ,708 184,273	683,836 412, 159,800	826 412,826 0 0	412,826 3	38,668 34,057	34,057 3	14,057 34,057 0 0	0 0	0 0	0 0 0
DC Consumer DC Consumer	Annual Coupons Appliance Exchange	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2013 2013 R 2013 2013 R	Results Persistence Current year savings Results Persistence Current year savings	0	0 5	5 5 9 9	4 4 4 9 0 0	4 4 0 0	3 3	3 3	3 3	3 3	3 1	1 1 0 0 0 0		0 0	0 0 0	0	0 79,202 0 15,516	79,202 15,516	76,150 64,514 15,516 15,516	64,514	64,514 64,5	4 64,461 0 0	46,874 46,	874 42,620 0 0	42,013 42,	013 41,840	41,840 0	41,805 40,513	34,057 3 23,780 2	3,780 23,780		0 0	0 0 0
DC Consumer	Appliance Retirement Bi-Annual Retailer Events Home Assistance Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2013 2013 R	Results Persistence Current year savings	0	0 90	90 90 12 11	74 33 0 9 9 9	9 9	0 0 8 8	6 4	0 0 4 4	0 0 4 4	3 2	0 0 0 2 2 0	0 0	0 0	0 0 0	0	0 407,868 0 176,537	407,868 4 176,537 1	07,868 392,384 55,901 129,600	225,867 129,600	129,600 129,60	0 129,447	108,857 108,	857 94,724	60,898 60,	898 57,684	57,684	57,272 49,435	29,017 2	9,017 29,017	0 0	0 0	0 0 0
DC Consumer DC Consumer	Home Assistance Program HVAC	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2013 2013 K	Results Persistence Current year savings Results Persistence Current year savings Results Persistence Current year savings	0	0 17 0 154 1	16 16 154 154	15 14 14 154 154 154	13 13 154 154	7 7 154 154	7 7 154 154	6 6 154 154 1	2 1 154 154 1	1 1 154 154	1 1 1 142 0 0	0 0	0 0	0 0 0	0	0 243,405 0 286,238	235,181 2 286,238 2	34,433 206,006 36,238 286,238	193,294 286,238	182,071 175,3 286,238 286,2	6 174,393 8 286,238	57,343 57, 286,238 286,	228 47,693 238 286,238	47,693 44, 286,238 286,	764 44,764 238 286,238	12,447 286,238	5,682 5,682 86,238 286,238	29,017 2 5,682 286,238 27 1,223	5,682 5,682 5,188 0	5,682 0	0 0	0 0 0
	New Construction Appliance Retirement	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2013 2013 R 2013 2013 R	Results Persistence Current year savings Results Persistence Current year savings Results Persistence Adjustment	01	0 1	0 0	1 1 1 0 0 0	0 0	1 1	1 1	0 0	0 0	0 0			0 0	0 0 0	0	0 4,213 0 63	4,213 63	4,213 4,213 63 63	4,213 34	4,213 4,2	3 4,213 0 0	4,213 4,	213 4,213	4,213 2,	718 1,223	1,223	1,223 1,223	1,223	0 0		0 0	0 0 0
XX Susiness	Appliance Retirement Direct Install Lighting Energy Audit	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial EE Commercial EE	2013 2014 R	Results Persistence Adjustment	0	0 0	0 0	0 0 0	0 0	0 0	0 0						0 0	0 0 0	0	0 4,213 0 63 0 1,844 0 739 0 96,966 0 370,986 0 242	1,844 739	1,844 1,844 739 739	438 0	438 4	8 438	438 0	438 438 0 0	438			0 0		0 0		0 0	0 0 0
	Energy Audit Retrofit	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial EE Commercial EE	2013 2014 R	Results Persistence Adjustment Results Persistence Adjustment	0	0 18	18 18 41 41	0 0 0 0 18 0 0 41 41 41 0 0 0 0 13 13 12	0 0 41 41	38 35	32 32	32 30	30 28	6 2	2 2 0	0 0	0 0	0 0 0	0	0 96,966 0 370,986	96,966 9 367,828 3	96,966 96,966 57,828 367,828	367,828	365,622 365,62	2 353,788	334,368 318,	285 178,803	80,684 80,	0 0 584 72,624	72,624	61,350 3,907	1,231	1,231 1,231	0 0	0 0	0 0 0
DC Consumer DC Home Assis	Conservation Instant Coupon Booklet stallome Assistance Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2013 2014 R	Results Persistence Current year savings Results Persistence Adjustment	0	0 0	0 0 13 13	0 0 0 13 13 12	0 0 12 12	0 0 11 11	0 0 11 11	0 0 10 10	0 0 6 6	0 0 6 6	0 0 0 6 6 1	0 0	0 0	0 0 0	0	0 242 0 96,596	95,526	230 199 95,428 89,682	199 87,198	199 19 84,714 83,84	9 199 8 83,848	167 59,764 59,	167 159 ,648 56,533	159 56,533 54,	159 159 277 54,277	159 21,356	159 84 18,004 18,004	84 18,004 1	84 84 8,004 18,004	0 0 5,547 0	0 0	0 0 0
DC Consumer Fier 1 Industrial	HVAC Incentives Energy Managers	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential DR Industrial EE				0 12	12 12 0 0	12 12 12 0 0 0	0 0	0 0	0 0	0 0	12 12	0 0	0 0 0	0 0	0 0	0 0 0	0	0 96,596 0 21,629 0 10,468	21,629 10,468	21,629 21,629 10,468 0	21,629	21,629 21,62	9 21,629	21,629 21,	0 21,629	21,629 21,	0 0	21,629	21,629 21,629	5,642 296,238 272 1,223 0 0 1,231 1,231 84 13,004 2 21,629 2 1,524 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0	0 0	0 0 0
DC Business DC Business	Energy Managers Direct Install Lighting Energy Audit	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial EE	2014 2014 R 2014 2014 R	Results Persistence Adjustment Results Persistence Current year savings Results Persistence Current year savings	0	0 0 1	162 162 27 27	158 76 76 27 27 0	0] 0]	76 76 0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	0	0 0	514,791 5 130,547 1	13,719 500,480 30,547 130,547	130,547	255,010 255,01	0 255,010	255,010 255,	0 255,010	245,050 139,	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
.DC Consumer	Appliance Exchange Appliance Retirement	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE	2014 2014 R 2014 2014 R	Results Persistence Current year savings Results Persistence Current year savings Results Persistence Current year savings	0	0 0	13 13	13 13 0	0 0	506 471	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	0	0 0	22,536	22,536 22,536	22,536	0 3,014,43	0 0	3,007,208 3,330,	0 0	1,749,480 1,433,	0 0	934,036 3	0 0	0 0	0 0	0 0	0 0	0 0 0
DC Consumer	Appliance Retirement Appliance Retirement	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE	2014 2014 R	Results Persistence Current year savings Results Persistence Current year savings	0	0 0	30 30	30 30 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	53,334	53,334 53,334	53,334	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
DC Consumer DC Consumer	Appliance Retirement Bi-Annual Retailer Event	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2014 2014 R 2014 2014 R	Results Persistence Current year savings Results Persistence Current year savings	0	0 0	30 30 21 21 49 49 83 72	49 49 49 67 67 67	67 67	67 67	62 57	0 0	0 0	0 0 48 39	0 0 0	0 0	0 0	0 0 0	0	0 0	331,913 3 1.262,929 1.0	31,913 331,913 95,578 1,008,363	331,913 1,008,363 1	331,913 008.363 1.008.36	3 1,008,363	1.007.927 1.007.	927 937.428	911.358 770.	0 0 652 770.652	759.617 7	59.617 758.543	616.645 61	6.645 616.645	0 0 616.645 0	0 0	0 0 0
.DC Consumer .DC Home Assis	Conservation Instant Coupon Booklet stallome Assistance Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2014 2014 R 2014 2014 R	Results Persistence Current year savings Results Persistence Current year savings	0;	0 0	22 20 19 19	57 57 57 20 20 20 18 17 17	20 20 17 16	20 20 16 12	17 13 12 10	13 13 10 9	13 13 9 7	13 6	6 6 6	0 0	0 0	0 0 0	0	0 0	293,579 2 207,772 2	73,661 264,041 07,485 186,688	264,041 177,283	264,041 264,04 163,244 163,24	1 264,041	263,536 263, 151,163 70	536 225,976 931 70.614	207,124 204, 47,770 47.	551 204,551 770 45,216	203,339 2 45,216	03,339 203,098 23.007 16.883	90,593 9 16.883 1	10,593 90,593 16,883 16,883	90,593 0 16,883 3,165 0 0	0 0	0 0 0
DC Consumer DC Consumer	HVAC Incentives Residential New Construction	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Residential EE Residential EE	2014 2014 R 2014 2014 R	Results Persistence Current year savings Results Persistence Current year savings	0	0 0 1	192 192 0 0	192 192 192 0 0 0	192 192 0 0	192 192	192 192	192 192 1	192 192 1	192 192	192 184 0	0 0	0 0	0 0 0	0	0 0	366,461 3 2,170 1,436,000	56,461 366,461 2.170 2.170	366,461 2.170	366,461 366,46 2.170 2.1	1 366,461 0 2,170	366,461 366, 2,170 2	A61 366,461 170 2.170	366,461 366, 2,170 2,	461 366,461 170 1.085	366,461 3	166,461 366,461	366,461 36	6,461 359,362	0 0	0 0	0 0 0
.DC Program En	nalLDC Program Enabled Savings Time-of-Use Savings	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Other EE Other DR		Results Persistence Current year savings Results Persistence Current year savings	0	0 0 1	150 0 339 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		1,436,000	0 0		0	0 0		0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0 0 0
		Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Commercial EE Commercial DR	2014 2014 R 2014 2014 R	Results Persistence Current year savings Results Persistence Current year savings	0	0 0	41 41 62 0	41 41 41 0 0 0	41 41 0 0	41 41	41 41	41 41 0 0	41 0 0 0	0 0	0 0 0	0 0	0 0	0 0 0	0	0 0	208,522 2	0 208,522	208,522	208,522 208,52	2 208,522	208,522 208,	522 208,522	208,522 208,	0 0	208,522	0 0		0 0	0 0	0 0	0 0 0
Fier 1 Industrial DC	Demand Response 3 Energy Managers Save on Energy Coupon Program Save on Energy Heating & Cooling Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.	Industrial EE	2014 2014 R 2015 2015 R	Results Persistence Current year savings	0	0 0	0 0	0 0 0 40 40 40	0 0 40 40	0 0 40 40 28 28	0 0 40 40	0 0 38 38 28 28	0 0	0 0 38 38	7 7 7	7 0	0 0	0 0 0	0	0 0	7,506 6	7,506 7,506 33,031 630,027	7,506 630,027	7,506 7,50 630,027 630,02	6 7,506 7 630,027	7,506 7, 630,027 629,	506 7,506 928 629,928	7,506 7, 629,928 612,	506 7,506 229 610,314	7,506 610,314 6	7,506 1,458 07,560 607,560	1,458 607,258 11	1,458 0 17,877 117,877	117,877 117,877	0 0	0 0 0
DC DC	Save on Energy Heating & Cooling Program Appliance Retirement Initiative	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.			Results Persistence Current year savings Results Persistence Current year savings Results Persistence Current year savings			28 96	0 0 0 0 0 0 40 40 40 28 28 28 96 96 81	0 0 40 40 28 28 49 0	28 28	28 28 0 0	28 28	28 28 0 0	28 28	28 28 28 0 0 0		0 0				4	55,984 55,984 88,828 488,828	55,984 488,828	55,984 55,98 475,464 333,72	4 55,984 0 0	55,984 55,	984 55,984	55,984 55,	0 55,984	55,984 0	55,984 55,984	55,984 S	55,984 55,984	55,578 0 0 0	0 0	0 0 0
DC DC	Appliance Retirement Initiative Coupon Initiative Bi-Annual Retailer Event Initiative HVAC Incentives Initiative	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2015 R 2015 2015 R	Results Persistence Current year savings Results Persistence Current year savings			61 62	61 61 61	61 61	61 61	61 61 61 61	58 58 51 49	58 58 49 48	58 58 48 48	12 12 12 18 18 18	12 0 18 0	0 0				9	59,679 955,447 17,138 900,780	955,447 900,780	955,447 955,44 900,780 900,78	7 955,447 0 900,780	955,447 955, 900,780 900,	379 955,379 345 900,345	955,379 925, 900,345 831,	922,694 514 787,526	922,694 5 787,526 7	21,349 921,349 71,645 771,645	921,204 18 769,979 28	14,092 184,092 14,920 284,920	184,092 184,092 284,920 284,920	0 0	0 0 0
DC DC	Residential New Construction and Major Ren	Greater Sudbury Hydro Inc.		2015 2015 R 2015 2015 R	Results Persistence Current year savings Results Persistence Current year savings	-		259 5	259 259 259 5 5 5	259 259 5 5	61 61 259 259 5 5	259 259 5 5	259 259 2 5 5	259 259 2 5 5	259 259 5 5	259 259 246 5 5 5	5 5	0 0 5 5				9	15,447 505,447 12,273 12,273	505,447 12,273	505,447 505,44 12,273 12,27	7 505,447 3 12,273	505,447 505, 12,273 12,	A47 505,447 273 12,273	505,447 505, 12,273 12,	447 505,447 273 12,273	505,447 5 12,273	05,447 505,447 12,273 12,273	505,447 50 12,273 1	15,447 505,447 12,273 12,273	494,023 0 12,273 12,273	12,273 12,273	0 0 0
DC DC	Energy Audit Initiative Efficiency: Equipment Replacement Incentive	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2015 R 2015 2015 R	Results Persistence Current year savings Results Persistence Current year savings			31 556	31 31 31 556 554 554	0 0 554 554	0 0 522 522	0 0 516 411	0 0 153 152	0 0 78 78	0 0 78 62	0 0 0 33 33 33	0 0 33 0	0 0				3,2	45,307 145,307 79,784 3,279,784	145,307 3,273,347 3,	145,307 273,347 3,273,34	7 3,273,347	3,134,478 3,134,	478 3,101,099	2,642,897 1,436,	139 1,397,410	496,903 4	96,903 496,903	359,392 7	0 0 3,745 73,745	73,745 73,745	0 0	0 0 0
DC DC	Direct Install Lighting and Water Heating Initi New Construction and Major Renovation Init	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2015 R 2015 2015 R	Results Persistence Current year savings Results Persistence Current year savings			21 50	20 13 12 50 50 50	12 12 50 50	12 12 50 50	12 12 50 50	12 4 50 50	1 1 50 50	0 0		0 0	0 0				3	83,781 81,464 10,259 310,259	51,539 310,259	49,433 49,43 310,259 310,25	3 49,433 9 310,259	49,433 49, 310,259 310,	.131 49,131 .259 310,259	49,131 48, 310,259 310,	024 16,196 259 310,259	600 310,259 3	600 600 110,259 0		0 0	0 0	0 0	0 0 0
x x	Process and Systems Upgrades Initiatives - Er Low Income Initiative Save on Energy Coupon Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2015 R	Results Persistence Current year savings Results Persistence Current year savings			13 29	13 13 13 27 27 26	13 13 26 26	13 13 26 26	6 6 23 23	23 23	22 22	11 11	0 0 0 11 11 11	0 0 11 1	0 0				2	su,604 80,604 38,893 199,981	80,604 193,087	80,604 80,60 186,192 185,98	4 80,604 2 185,982	80,604 80, 184,710 184,	,604 20,803 ,260 125,601	20,803 1, 125,601 122,	4/4 1,474 586 122,586	1,474 120,246 1	1,474 1,474 20,246 33,119	32,097 3	0 0	32,097 32,097	6,903 0	0 0 0
x x	Save on Energy Heating & Cooling Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2016 R 2015 2016 R	Results Persistence Adjustment Results Persistence Adjustment			13	12 12 12 8 8 8	12 12 8 8	12 12 8 8	12 12 8 8	12 12 8 8	12 12 8 8	12 12 8 8	6 6 6 8 8 8	6 0	0				1	98,053 196,056 15,709 15,709	196,056 15,709	196,056 196,05 15,709 15,70	6 196,056 9 15,709	196,056 196, 15,709 15,	,002 196,002 ,709 15,709	196,002 188, 15,709 15,	485 187,726 709 15,709	187,726 1 15,709	87,230 187,230 15,709 15,709	187,051 8 15,709 1	17,987 87,987 15,709 15,709	87,987 87,987 15,438 0	0 0	0 0 0
×	Save on Energy Retrofit Program Coupon Initiative	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2016 R 2015 2016 R	Results Persistence Adjustment Results Persistence Adjustment			21	21 21 21 1 1 1	21 21 1 1	20 20 1 1	20 19 1 1	14 14 1 1	7 7	7 4	3 3 3	3 0	0				1	36,088 136,088 12,859 11,995	136,088 11,995	136,088 136,08 11,995 11,99	8 136,088 6 11,995	132,530 132, 11,995 11,	530 132,530 992 11,992	121,294 94, 11,992 9,	466 94,466 122 9,429	38,038 9,429	38,038 38,038 9,451 9,451	21,813 9,451 5	412 412 0,224 50,224	412 412 50,224 50,224	0 0	0 0 0
x x		Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.			Results Persistence Adjustment Results Persistence Adjustment			13	0 0 0 13 13 13	13 13	13 13	13 13	13 13	13 13	13 13	0 0 0 13 13 13	0 0	0]					2,117 2,100 26,068 26,068	2,100 26,068	2,100 2,10 26,068 26,08	0 2,100 8 26,068	2,100 2, 26,068 26,	,098 2,098 ,068 26,068	2,098 1, 26,068 26,	801 1,801 368 26,068	1,801 26,068	1,781 1,781 26,068 26,068	1,781 26,068 2	569 569 16,068 26,068	569 569 25,730 0	0 0	0 0 0
C C	Energy Audit Initiative Efficiency: Equipment Replacement Incentive	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2016 R 2015 2016 R	Results Persistence Adjustment Results Persistence Adjustment			2 5	2 2 2 5 5 5 5	33 33 5 5	33 33 5 5	33 33 5 4	33 33 3 3	33 23 3 3	3 2	0 0 0	0 0	0				1	9,778 9,778 30,061 130,061	9,778 130,061	9,778 155,01 130,061 130,01	5 155,085 1 130,061	155,085 155, 127,926 127,	,085 155,085 ,926 127,926	155,085 155, 118,881 110,	185 155,085 128 110,028	155,085 1 91,915	08,559 0 91,915 91,915	72,178	0 0	0 0	0 0	0 0 0
x x	New Construction and Major Renovation Init Process and Systems Upgrades Initiatives - Pr	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2016 R 2015 2016 R	Results Persistence Adjustment Results Persistence Adjustment			45 169	45 45 45 169 169 169	45 45 169 169 43 43	45 45 169 169	45 45 169 169	45 45	45 45	0 0	0 0 0	0 0	0)				3.1,9	14,387 344,387 85,760 1,985,760	344,387 1,985,760 1,	344,587 344,31 ,985,760 1,985,76	7 344,387 0 1,985,760	344,387 344, 1,985,760 1,985,	,587 344,387 ,760 1,985,760	344,387 344, 1,985,760	0 0	344,387 3	149,433	0	0 0	117,877 117,877 55,578 18-00 19-00 1	0 0	0 0 0
x	Save on Energy Retrofit Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.			Results Persistence Adjustment Results Persistence Adjustment			43	45 43 43 0 0 0			42 42 1 0	42 42 0 0	4z 42 0 0	38 38 0 0	38 38 38 0 0 0	38 0	0					18,457 141,316	139,967	158,619 138,48	1 138,481	1:8,076 137, 3,558 3,	926 127,595 558 3,558	127,595 125, 2,508	0 0	124,647 1	24,647 97,312	97,189 9	0 97,189	97,189 97,189	479 0	0 0 0
DC DC	Efficiency: Equipment Replacement Incentive Direct Install Lighting and Water Heating Initi	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2015 2017 R 2015 2017 R	Results Persistence Adjustment Results Persistence Adjustment Results Persistence Current year savings			21 -8	0 0 0 21 23 23 -7 0 0 254 254 254	0 0	56 56 0 1	3b 46 1 1	25 22 1 1	23 23	0 0	0 0 0	0						71,319 71,319 30,201 -27,884	77,756 2,041	77,888 77,81 3,355 3,31	8 77,888 5 3,355	218,893 218, 3,355 3,	893 233,480 ,455 3,455	194,044 80, 3,455 3,	503 72,109 455 3,783	80,043 -199	8U,043 80,043 -199 -199	44,047	0 0	422 422 0 0	0 0	0 0 0
x ×	Direct Install Lighting and Water Heating Initi Save on Energy Coupon Program Save on Energy Heating & Cooling Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2016 2016 R	Results Persistence Current year savings				139 139 139	139 139	139 139	139 139	139 139 1	244 2 139 139 1	212 139 139	139 139 139	132 0		=				3,915,399 484,439	3,913,599 3, 484,439	484,439 484,4 62,671	9 484,439	484,439 484,	,439 484,439 571	484,439 484,	3,647,516	3,544,39 4	3,824,768 84,439 484,439	3,320,301 3,32 484,439 48	484,439 484,439	484,439 477,443	0	0 0
×	Save on Energy Audit Funding Program Save on Energy Retrofit Program Home Depot Home Appliance Market Uplift	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2016 2016 R 2016 2016 R	Results Persistence Current year savings Results Persistence Current year savings Results Persistence Current year savings				662 637 637	637 637	7 7 636 636	636 636	636 636 4	403 29	29 12	6 6 6	6 6						52,571 5,010,412	52,571 4,859,023 4,	34,371 52,57 ,859,023 4,859,02	1 52,571 3 4,859,023	52,571 52, 4,847,554 4,847,	554 4,847,554 666 677	52,571 52, 4,846,004 4,846,	004 4,845,525	3,430,764 7	33,174 733,174	68,801	4,524 4,524	4,524 4,524	4,524	
DC	Save on Energy Coupon Program	Greater Sudbury Hydro Inc.		2016 2016 R	Results Persistence Current year savings Results Persistence Adjustment				27 27 27	27 27	27 27	27 27	27 27	27 27	27 24	24 10 0	0 0						424,976	424,976 7,654	424,976 424,97	6 424,976	424,976 424,	976 424,939	424,939 425,	518 425,762	426,054 4	26,054 424,529	367,241 36	7,241 152,103	333 0 0 0	0	
DC DC	Save on Energy Heating & Cooling Program Save on Energy Retrofit Program Save on Energy Energy Manager Program	Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc. Greater Sudbury Hydro Inc.		2016 2017 R 2016 2017 R 2016 2017 R	Results Persistence Adjustment Results Persistence Adjustment				27 27 27 2 2 2 85 111 111	111 111	110 110	110 110	110 110	69 0	0 0	0 0 0	0 0						7,654 664,998 1,671	816,386 1.671	817,524 817,52 1,671	4 817,524	814,108 814	108 814,108	814,108 814,	108 812,344	568,947	82,064 82,064	5,660	0 0	97,189 97	0	
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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

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.

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 Adjustmer	nt Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers		\$/kWh	(0.0011)
Rate Rider for Disposition of Lost Revenue Ad	justment 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 Ra	ate	\$/kWh	0.0043
Retail Transmission Rate - Line and Transform	nation Connection Service Rate	\$/kWh	0.0034
retail Transmission rate - Line and Transform	iation connection dervice reate	Ψ/ΚΨΤΙ	0.0034
MONTHLY RATES AND CHARGES	- Regulatory Component		
Wholesale Market Service Rate (WMS) - not in	ncluding CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable f	or Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Ch	arge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Char	ge (if applicable)	\$	0.25

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.

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

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

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.

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

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

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.

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
Datail Transmission Data Line and Transformation Connection Connection Data	Φ /I \ \ A /	4 0047
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3917
MONTHLY RATES AND CHARGES - Regulatory Component		
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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

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.

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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) (20	19) -	
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		
MONTHET RATE ON OTTAKOLO - 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

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

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

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

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

\$	15.00
\$	15.00
\$	15.00
\$	30.00
%	1.50
%	19.56
\$	30.00
\$	165.00
\$	65.00
\$	185.00
\$	185.00
\$	415.00
\$	22.35
•	
	\$ \$ % % \$ \$ \$ \$

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

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.

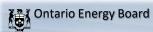
Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

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.

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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

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filling Requirements For Electricity Distribution Rate Applications.

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

Note

- 1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
- 2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0540	1.054	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0540	1.054	5,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0540	1.054	68,500	190	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0540	1.054	397		N/A	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0540	1.054	36	0	DEMAND	
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0540	1.054	507,000	1,623	DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0540	1.054	205		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0540	1.054	2,000		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
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Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES					Total								
(eg: Residential TOU, Residential Retailer)	Units	Α			В			C			Total Bill		
			\$	%		\$	%		\$	%		\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	0.59	2.2%	\$	(1.22)	-4.0%	\$	(1.61)	-4.1%	\$	(1.69)	-1.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	10.20	8.7%	\$	(1.30)	-0.9%	\$	(2.88)	-1.6%	\$	(3.03)	-0.5%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	76.63	7.6%	\$	(174.83)	-17.1%	\$	(227.88)	-10.5%	\$	(257.51)	-2.2%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$	0.04	0.9%	\$	(0.87)	-14.2%	\$	(1.00)	-10.5%	\$	(1.13)	-2.3%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$	0.03	2.5%	\$	(0.05)	-3.5%	\$	(0.07)	-3.7%	\$	(0.08)	-1.3%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	68.65	1.6%	\$	(1,831.59)	-40.9%	\$	(2,061.57)	-21.8%	\$	(2,329.58)	-2.9%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	2.16	8.8%	\$	1.67	6.4%	\$	1.56	5.5%	\$	1.64	3.4%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$	4.20	7.0%	\$	(0.40)	-0.6%	\$	(1.03)	-1.2%	\$	(1.08)	-0.4%
		1											
		1			1						1		

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

750 kWh
- kW
1.0540 Consumption Demand Current Loss Factor Proposed/Approved Loss Factor

	Current OEB-Approved				Proposed						Impact			
		Rate	Volume	olume Charge		Rate		Volume	Charge					
		(\$)			(\$)		(\$)			(\$)		Change	% Change	
Monthly Service Charge	\$	24.07		\$	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		
Sub-Total A (excluding pass through)				\$	26.47				\$	27.06		0.59	2.21%	
Line Losses on Cost of Power	\$	0.0820	41	\$	3.32	\$	0.0820	41	\$	3.32	\$	-	0.00%	
Total Deferral/Variance Account Rate	\$	_	750	\$	_	-\$	0.0024	750	\$	(1.80)	\$	(1.80)		
Riders	T.	_		l .		Ψ.	0.0024			(1.00)		(1.00)		
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%	
	T.	0.01		Ψ.	0.07	Ť	0.01			0.01			0.0070	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$	-	\$	-		
Sub-Total B - Distribution (includes				s	30.51				\$	29.30	\$	(1.22)	-3.98%	
Sub-Total A)									•		٠	` '		
RTSR - Network	\$	0.0059	791	\$	4.66	\$	0.0057	791	\$	4.51	\$	(0.16)	-3.39%	
RTSR - Connection and/or Line and	\$	0.0051	791	\$	4.03	\$	0.0048	791	\$	3.79	\$	(0.24)	-5.88%	
Transformation Connection	<u> </u>			-		_			•		*	(/		
Sub-Total C - Delivery (including Sub-				\$	39.21				\$	37.60	\$	(1.61)	-4.11%	
Total B)									•			(,		
Wholesale Market Service Charge	\$	0.0036	791	\$	2.85	\$	0.0036	791	\$	2.85	\$	-	0.00%	
(WMSC)	T.			· .										
Rural and Remote Rate Protection	\$	0.0003	791	\$	0.24	\$	0.0003	791	\$	0.24	\$	-	0.00%	
(RRRP)	ļ.				0.05					0.05			0.000/	
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		-	0.00%	
TOU - Off Peak	\$	0.0650	488 128	\$	31.69	\$	0.0650	488 128	\$	31.69		-	0.00%	
TOU - Mid Peak	\$	0.0940		\$	11.99	\$	0.0940		\$	11.99		-	0.00%	
TOU - On Peak	\$	0.1320	135	\$	17.82	\$	0.1320	135	\$	17.82	\$	-	0.00%	
													4 ==4/	
Total Bill on TOU (before Taxes)				\$	104.03				\$	102.42		(1.61)	-1.55%	
HST		13%		\$	13.52		13%		\$	13.31		(0.21)	-1.55%	
8% Rebate		8%		\$	(8.32)		8%		\$	(8.19)		0.13		
Total Bill on TOU				\$	109.23	L			\$	107.54	\$	(1.69)	-1.55%	

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 5,000 kWh - kW Demand

Current Loss Factor	1.0540
Proposed/Approved Loss Factor	1.0540

	Current OEB-Approved							Proposed	Impact				
	Rate (\$)		Volume		narge (\$)		Rate (\$)	Volume		arge (\$)		Change	% Change
Monthly Service Charge	\$	22.15	1	\$	22.15	\$	22.35	1	\$	22.35		0.20	0.90%
Distribution Volumetric Rate	Š	0.0191	5000		95.50	\$	0.0193	5000		96.50		1.00	1.05%
Fixed Rate Riders	Š		1	\$		\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	Š	-	5000		!	\$	0.0018	5000	\$	9.00	\$	9.00	
Sub-Total A (excluding pass through)				\$	117.65				\$	127.85	\$	10.20	8.67%
Line Losses on Cost of Power	\$	0.0820	270	\$	22.14	\$	0.0820	270	\$	22.14	\$	-	0.00%
Total Deferral/Variance Account Rate			5.000	\$	ļ	-\$	0.0023	5.000	¢.	(11.50)	œ.	(11.50)	
Riders	ð	-	5,000	ð.	-	-Φ	0.0023	-,	'	(11.50)	à	(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)	e	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	_	0.00%
	*	0.57			0.57	Ψ	0.57	'	*	0.57	Ψ	-	0.0070
Additional Fixed Rate Riders	\$	-	1	\$	- 1	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			5,000	\$	-	\$	-	5,000	\$	-	\$	-	
Sub-Total B - Distribution (includes				s	140.86				\$	139.56	s	(1.30)	-0.92%
Sub-Total A)				*								, ,	
RTSR - Network	\$	0.0044	5,270	\$	23.19	\$	0.0043	5,270	\$	22.66	\$	(0.53)	-2.27%
RTSR - Connection and/or Line and	\$	0.0036	5,270	\$	18.97	\$	0.0034	5,270	\$	17.92	\$	(1.05)	-5.56%
Transformation Connection								-					
Sub-Total C - Delivery (including Sub-				\$	183.02				\$	180.14	\$	(2.88)	-1.57%
Total B) Wholesale Market Service Charge				-							_	_ ` ´	
	\$	0.0036	5,270	\$	18.97	\$	0.0036	5,270	\$	18.97	\$	-	0.00%
(WMSC) Rural and Remote Rate Protection					ļ								
(RRRP)	\$	0.0003	5,270	\$	1.58	\$	0.0003	5,270	\$	1.58	\$	-	0.00%
Standard Supply Service Charge	e	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	¢	_	0.00%
TOU - Off Peak	e e	0.0650	3,250	\$			0.0650	3,250		211.25		-	0.00%
TOU - Mid Peak	Š	0.0030	850	\$	79.90		0.0030	850	\$	79.90			0.00%
TOU - On Peak	ě	0.1320	900		118.80		0.1320	900	-	118.80		_	0.00%
100 CHT SUK	1.4	0.1320	300	Ψ	110.00	Ψ	0.1320	300	Ψ	110.00	Ψ	_	0.0070
Total Bill on TOU (before Taxes)				s	613.77				\$	610.89	S	(2.88)	-0.47%
HST		13%		\$	79.79		13%		\$	79.42		(0.37)	-0.47%
8% Rebate		8%		ŝ	(49.10)		8%		\$	(48.87)		0.23	0.4770
Total Bill on TOU		370		s	644.46		370		S	641.43		(3.03)	-0.47%
				Ť	274.40				_	371.40	, , ,	,5.00)	-0.41 /0

	Curr	rent OE	B-Approved	i			Proposed		Impact			
	Rate		Volume	Charge		Rate	Volume	Charge				
	(\$)			(\$)		(\$)		(\$)		Change	% Change	
Monthly Service Charge		68.99		\$ 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		
Sub-Total A (excluding pass through)				\$ 1,003.22				\$ 1,079.85		76.63	7.64%	
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$	-		
Total Deferral/Variance Account Rate	•	_	190	\$ -	-\$	0.9269	190	\$ (176.11)	\$	(176.11)		
Riders	ľ			Ψ	Ψ	0.0200		ψ (170.11)	۳	(170.11)		
CBR Class B Rate Riders	\$	-	190	\$ -	\$	-	190	\$ -	\$	-		
GA Rate Riders	\$	-		\$ -	-\$	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	ľ		190	\$ -	\$	_	190	\$ -	\$	-		
Sub-Total B - Distribution (includes				\$ 1,022.74				\$ 847.90	\$	(174.83)	-17.09%	
Sub-Total A)				*						, ,,		
RTSR - Network	\$ 3	.2855	190	\$ 624.25	\$	3.1750	190	\$ 603.25	\$	(21.00)	-3.36%	
RTSR - Connection and/or Line and	\$ 2	.7586	190	\$ 524.13	\$	2.5899	190	\$ 492.08	œ	(32.05)	-6.12%	
Transformation Connection	4 2	.7300	190	φ 324.13	φ	2.3099	190	φ 492.00	Ģ	(32.03)	-0.12/0	
Sub-Total C - Delivery (including Sub-				\$ 2,171.12				\$ 1,943.23	\$	(227.88)	-10.50%	
Total B)				Ψ 2,171.12				ų 1,343.23	۳	(227.00)	-10.30 /6	
Wholesale Market Service Charge	s o	.0036	72,199	\$ 259.92	\$	0.0036	72,199	\$ 259.92	\$	_	0.00%	
(WMSC)	l*	.0000	72,100	Ψ 200.02	Ψ	0.0000	72,100	Ψ 200.02	۳		0.0070	
Rural and Remote Rate Protection	s o	.0003	72,199	\$ 21.66	\$	0.0003	72,199	\$ 21.66	\$	_	0.00%	
(RRRP)	I.		12,100		Ť		12,100	·				
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%	
Total Bill on Average IESO Wholesale Market Price	1			\$ 10,402.05				\$ 10,174.17		(227.88)	-2.19%	
HST		13%		\$ 1,352.27		13%		\$ 1,322.64		(29.62)	-2.19%	
Total Bill on Average IESO Wholesale Market Price				\$ 11,754.32				\$ 11,496.81	\$	(257.51)	-2.19%	

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption

397 kWh - kW Demand 1.0540 1.0540

	Current OEB-Approved							Proposed		Impact			
	Rate				Charge		Rate Volume		Charge				
	(\$)				(\$)		(\$)		(\$)		\$ Change	% Change	
Monthly Service Charge	\$	7.24		\$		\$	7.31	0	\$ -	45	-		
Distribution Volumetric Rate	\$	0.0110	397		4.37	\$	0.0111	397	\$ 4.4	1 \$	0.04	0.91%	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	9	-		
Volumetric Rate Riders	\$	-	397	\$	-	\$	-	397	\$ -	9	-		
Sub-Total A (excluding pass through)				\$	4.37				\$ 4.4	1 \$	0.04	0.91%	
Line Losses on Cost of Power	\$	0.0820	21	\$	1.76	\$	0.0820	21	\$ 1.7	6 \$	-	0.00%	
Total Deferral/Variance Account Rate			397	\$		•	0.0023	397	\$ (0.9	4) 6	(0.04)		
Riders	Þ	-	397	Э	-	-\$	0.0023	397	\$ (0.8	1) \$	(0.91)		
CBR Class B Rate Riders	\$	-	397	\$	-	\$	-	397	\$ -	9	-		
GA Rate Riders	\$	-	397	\$	-	\$	-	397	\$ -	9	-		
Low Voltage Service Charge	\$	0.0001	397	\$	0.04	\$	0.0001	397	\$ 0.0	4 9	-	0.00%	
Smart Meter Entity Charge (if applicable)	•		4						•				
	Þ	-	1	\$	-	Þ	-	1	\$ -	4	5 -		
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	9	-		
Additional Volumetric Rate Riders			397	\$	-	\$	-	397	\$ -	9	- 8		
Sub-Total B - Distribution (includes				s	6.16				\$ 5.2		(0.87)	-14.17%	
Sub-Total A)				Þ	6.16				3 5.2	9 \$	(0.87)	-14.17%	
RTSR - Network	\$	0.0044	418	\$	1.84	\$	0.0043	418	\$ 1.8	0 \$	(0.04)	-2.27%	
RTSR - Connection and/or Line and		0.0036	418	\$	1.51	\$	0.0034	418	\$ 1.4	2 9	(0.08)	-5.56%	
Transformation Connection	ð	0.0036	410	Ф	1.51	Ф	0.0034	410	φ 1.4	2 4	(0.00)	-5.50%	
Sub-Total C - Delivery (including Sub-				s	9.51				\$ 8.5	1 9	(1.00)	-10.50%	
Total B)				Ţ	9.51				φ 0.5	- 4	(1.00)	-10.50 /6	
Wholesale Market Service Charge	\$	0.0036	418	\$	1.51	\$	0.0036	418	\$ 1.5	1 9		0.00%	
(WMSC)	9	0.0036	410	φ	1.51	φ	0.0036	410	φ 1.0	1 4	-	0.0076	
Rural and Remote Rate Protection		0.0003	418	\$	0.13	•	0.0003	418	\$ 0.1	3 9		0.00%	
(RRRP)	*	0.0003	410	Ф			0.0003	410	•				
Standard Supply Service Charge	\$	0.25	1	\$			0.25	1		5 \$		0.00%	
TOU - Off Peak	\$	0.0650	258	\$	16.77	\$	0.0650	258		7 \$		0.00%	
TOU - Mid Peak	\$	0.0940	67	\$	6.34	\$	0.0940	67	\$ 6.3	4 \$	-	0.00%	
TOU - On Peak	\$	0.1320	71	\$	9.43	\$	0.1320	71	\$ 9.4	3 \$	-	0.00%	
Total Bill on TOU (before Taxes)				\$	43.94				\$ 42.9	4 \$	(1.00)	-2.27%	
HST		13%		\$	5.71		13%		\$ 5.5	8 \$	(0.13)	-2.27%	
Total Bill on TOU				\$	49.66				\$ 48.5	3 \$	(1.13)	-2.27%	
	·										1		
						_							

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION RPP / Non-RPP: RPP

36 kWh 0 kW 1.0540 1.0540 Consumption Demand

		Current OF	B-Approved	d		Proposed						Impact		
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	•	Change	% Change	
Monthly Service Charge	\$	4.02		\$	- (Ψ)	\$	4.06	0	\$	1.7	\$		70 Onunge	
Distribution Volumetric Rate	Š	12.9144	0.1	\$	1.29	\$	13.0306	0.1	\$		\$	0.01	0.90%	
Fixed Rate Riders	š		1	\$	-	\$	-	1	\$	-	ŝ	-	0.0070	
Volumetric Rate Riders	Š	_	0.1	\$	_	\$	0.2076	0.1		0.02	\$	0.02		
Sub-Total A (excluding pass through)	•		0.1	Š	1.29	Ť	0.20.0	0	\$	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										(0.00)	Ċ	(0.00)		
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	\$	-	\$	-		
Sub-Total B - Distribution (includes				\$	1.46				\$	1.40	4	(0.05)	-3.54%	
Sub-Total A)												, ,		
RTSR - Network	\$	1.7657	0	\$	0.18	\$	1.7063	0	\$	0.17	\$	(0.01)	-3.36%	
RTSR - Connection and/or Line and		1.4823	0	\$	0.15	\$	1.3917	0	\$	0.14	•	(0.01)	-6.11%	
Transformation Connection	ų.	1.4023	0	ş	0.13	9	1.3917	0	9	0.14	9	(0.01)	-0.1170	
Sub-Total C - Delivery (including Sub-				s	1.78				\$	1.71	•	(0.07)	-3.74%	
Total B)				P	1.70				Ψ	1.71	9	(0.07)	-3.74/0	
Wholesale Market Service Charge	s	0.0036	38	\$	0.14	\$	0.0036	38	\$	0.14	\$	_	0.00%	
(WMSC)	*	0.0000	00	Ÿ	0.14	Ψ	0.0000	00	Ψ	0.14	Ψ		0.0070	
Rural and Remote Rate Protection	e	0.0003	38	\$	0.01	\$	0.0003	38	\$	0.01	\$	_	0.00%	
(RRRP)				-								-		
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%	
Total Bill on TOU (before Taxes)				\$	5.13			· · · · · · · · · · · · · · · · · · ·	\$	5.06		(0.07)	-1.30%	
HST		13%		\$	0.67		13%		\$	0.66		(0.01)	-1.30%	
Total Bill on TOU				\$	5.80				\$	5.72	\$	(80.0)	-1.30%	

		Current OF	B-Approve	i			Proposed	I	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		
Sub-Total A (excluding pass through)				\$ 4,390.38				\$ 4,459.03	\$ 68.65	1.56%	
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$ -		
Total Deferral/Variance Account Rate	•	_	1.623	\$ -	-\$	0.8272	1.623	\$ (1,342.55)	\$ (1.342.55)		
Riders	P	-	1,023	-	-φ	0.0272	1,023	\$ (1,342.33)	\$ (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)				•							
, , , ,	Þ	-	1	\$ -	Þ	-	1	\$ -	5 -		
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -		
Additional Volumetric Rate Riders			1,623	\$ -	\$	-	1,623	\$ -	\$ -		
Sub-Total B - Distribution (includes				\$ 4,473.96				\$ 2.642.37	\$ (1,831.59)	-40.94%	
Sub-Total A)				\$ 4,473.90	'			\$ 2,042.37	\$ (1,031.59)	-40.94%	
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	•	1.4001	1.623	\$ 2.272.36	\$	1.3145	1.623	\$ 2.133.43	\$ (138.93)	-6.11%	
Transformation Connection	ð	1.4001	1,023	\$ 2,212.30	P	1.3145	1,023		\$ (136.93)	-0.1170	
Sub-Total C - Delivery (including Sub-				\$ 9,453.16				\$ 7.391.59	\$ (2,061.57)	-21.81%	
Total B)				ş 5,455.10	'			φ 1,391.39	\$ (2,061.57)	-21.01/0	
Wholesale Market Service Charge	e	0.0036	534,378	\$ 1,923.76	\$	0.0036	534,378	\$ 1,923.76	•	0.00%	
(WMSC)	Ψ	0.0030	334,370	Ψ 1,323.70	Ψ	0.0030	334,370	Ψ 1,323.70	Ψ -	0.0070	
Rural and Remote Rate Protection	e	0.0003	534.378	\$ 160.31	•	0.0003	534.378	\$ 160.31	s -	0.00%	
(RRRP)	Ψ		334,370	•			334,370	,			
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%	
Total Bill on Average IESO Wholesale Market Price				\$ 70,372.51				\$ 68,310.93		-2.93%	
HST		13%		\$ 9,148.43		13%		\$ 8,880.42		-2.93%	
Total Bill on Average IESO Wholesale Market Price				\$ 79,520.93				\$ 77,191.36	\$ (2,329.58)	-2.93%	

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

205 kWh - kW 1.0540 Consumption Demand Current Loss Factor Proposed/Approved Loss Factor

	Current O	EB-Approve	i		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	
Sub-Total A (excluding pass through)			\$ 24.73			\$ 26.89		8.75%
Line Losses on Cost of Power	\$ 0.0820	11	\$ 0.91	\$ 0.0820	11	\$ 0.91	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	205	\$ -	-\$ 0.0024	205	\$ (0.49)	\$ (0.49)	
Riders	Ĭ.		•			` ′	. ,	
CBR Class B Rate Riders	-	205	\$ -	\$ -	205		\$ -	
GA Rate Riders	\$ -		\$ -	\$ -	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	\$ -	\$ -	
Sub-Total B - Distribution (includes			\$ 26.25			\$ 27.92	\$ 1.67	6.37%
Sub-Total A)			•			•	•	
RTSR - Network	\$ 0.0059	217	\$ 1.28	\$ 0.0057	217	\$ 1.23	\$ (0.04)	-3.39%
RTSR - Connection and/or Line and	\$ 0.0051	217	\$ 1.10	\$ 0.0048	217	\$ 1.04	\$ (0.06)	-5.88%
Transformation Connection	0.0001	217	Ψ 1.10	ψ 0.0040	217	Ψ 1.04	ψ (0.00)	0.0070
Sub-Total C - Delivery (including Sub-			\$ 28.63			\$ 30.19	\$ 1.56	5.46%
Total B)						V 00.10	¥	0.1070
Wholesale Market Service Charge	\$ 0.0036	217	\$ 0.78	\$ 0.0036	217	\$ 0.78	\$ -	0.00%
(WMSC)	,					,		
Rural and Remote Rate Protection	\$ 0.0003	217	\$ 0.06	\$ 0.0003	217	\$ 0.06	\$ -	0.00%
(RRRP)	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Standard Supply Service Charge TOU - Off Peak	\$ 0.0650	134	\$ 8.68	\$ 0.0650	134	\$ 8.68		0.00%
TOU - Mid Peak	\$ 0.0940	35	\$ 3.28	\$ 0.0030	35	\$ 3.28		0.00%
TOU - On Peak	\$ 0.1320	37	\$ 4.88	\$ 0.1320		\$ 4.88		0.00%
100 Citt dak	1.5 0.1320	31	φ 4.00	\$ 0.1320	31	φ 4.00	φ -	0.00 /6
Total Bill on TOU (before Taxes)			\$ 46.57	T T		\$ 48.13	\$ 1.56	3.36%
HST	13%		\$ 6.05	13%	, l	\$ 6.26		3.36%
8% Rebate	8%	1	\$ (3.73)			\$ (3.85)		3.3070
Total Bill on TOU	0,0		\$ 48.90	0,1			\$ 1.64	3.36%
	•							

Customer Class: GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 2,000 kWh - kW 1.0540 1.0540 Demand

		Current Of	B-Approve	d				Proposed	ı			lm	pact
		Rate	Volume		harge		Rate	Volume		Charge			
	_	(\$)			(\$)	<u>. </u>	(\$)		_	(\$)		Change	% Change
Monthly Service Charge	\$	22.15		\$	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	
Sub-Total A (excluding pass through)				\$	60.35				\$	64.55	\$	4.20	6.96%
Line Losses on Cost of Power	\$	0.0820	108	\$	8.85	\$	0.0820	108	\$	8.85	\$	-	0.00%
Total Deferral/Variance Account Rate	e		2,000	\$	_	-\$	0.0023	2,000	\$	(4.60)	¢	(4.60)	
Riders	Ψ			Ψ	- 1	-Ψ	0.0023		Ψ	(4.00)	Ψ	(4.00)	
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		\$	0.57	\$	0.57		\$	0.57	\$	_	0.00%
	P	0.57		à	0.57	Ф	0.57	'	Ф	0.57	Ф	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Sub-Total B - Distribution (includes				•	69.97				\$	69.57	\$	(0.40)	-0.57%
Sub-Total A)				\$	69.97				Þ	69.57	Þ	(0.40)	-0.57%
RTSR - Network	\$	0.0044	2,108	\$	9.28	\$	0.0043	2,108	\$	9.06	\$	(0.21)	-2.27%
RTSR - Connection and/or Line and	s	0.0036	0.400	•	7.59		0.0004	2.108	Φ.	7.17	•	(0.40)	-5.56%
Transformation Connection	a	0.0036	2,108	\$	7.59	\$	0.0034	2,108	\$	7.17	Э	(0.42)	-5.56%
Sub-Total C - Delivery (including Sub-				s	86.84				\$	85.81	•	(1.03)	-1.19%
Total B)				ð	00.04				Þ	05.01	9	(1.03)	-1.19%
Wholesale Market Service Charge	\$	0.0036	2,108	\$	7.59	\$	0.0036	2.108	\$	7.59	6	_	0.00%
(WMSC)	•	0.0030	2,100	Ą	7.59	φ	0.0036	2,100	φ	1.39	φ	-	0.0076
Rural and Remote Rate Protection	e	0.0003	2,108	\$	0.63	\$	0.0003	2.108	\$	0.63	œ	_	0.00%
(RRRP)	Ψ	0.0003	2,100	Ψ		Ψ	0.0003	2,100	Ψ			_	
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%
Total Bill on TOU (before Taxes)				\$	259.29				\$	258.26	\$	(1.03)	-0.40%
HST	1	13%		\$	33.71	1	13%		\$	33.57		(0.13)	-0.40%
8% Rebate		8%		\$	(20.74)		8%		\$	(20.66)		0.08	
Total Bill on TOU		0,0		S	272.25		3,0		\$	271.17		(1.08)	-0.40%
	_								Ť	2		(J. 70 /0