EB-2019-0055 IRM 2020 Application NT Power Newmarket – Tay Rate Zone



Newmarket-Tay Power Distribution Ltd.

Newmarket – Tay Power Distribution Ltd.

2020 Electricity Distribution Rate

Application

For rate zone <u>NT Power – Newmarket & Tay</u>

Board File Number EB-2019-0055

Date of Filing 11-11-2019

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3.1 Application Introduction

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

AND IN THE MATTER OF an Application by Newmarket -Tay Power Distribution Ltd. for an Order or Orders approving or fixing a proposed schedule of adjusted distribution rates, retail transmission rates and other charges, effective May 1, 2020.

- Newmarket -Tay Power Distribution Ltd. ("NT Power") is incorporated pursuant to the Ontario Business Corporations Act. NT Power distributes electricity within the Town of Newmarket, Town of Midland and the Township of Tay as described in its licence (ED-2007-0624).
- 2. NT Power applies for an order or orders under the Annual IR Index methodology approving just and reasonable rates and other charges effective May 1, 2020; and
- 3. NT Power requests that, pursuant to Section 34.01 of the Board's Rules of Practice and Procedure, this proceeding be conducted by way of written hearing.

3.1.2 Components of the Application Filing

1. Manager's Summary

NT Power's Newmarket - Tay rate zone ("NTRZ") current rates were effective May 1, 2019, (EB-2018-0055). NT Power is seeking the Ontario Energy Board's (the "Board") approval for the rates it charges to distribute electricity to its customers, as is required of licenced and rate-regulated distributors in Ontario. NT Power is using the Annual IR Index for the NTRZ to set rates for 2020. The Annual IR Index is based on inflation less the Board's highest stretch factor assessment of a distributor's efficiency.

The scope of this section is to provide the information and rate adjustment request for NT Power's 2020 IRM Rate Application for the NTRZ.

Key Elements of Application

#	Description	NT Power – NTRZ Inclusions
1	Z Factor Claim	No
2	Incremental Capital Module Claim	No
3	Advanced Capital Module Claim	No
4	Lost Revenue Adjustment Mechanism (LRAMVA)	Yes
5	Rate Harmonization pursuant to a prior Board's decision	No
6	Renewable Generation and/or Smart Grid Adder Request	No
7	Multiple Service Areas with Different Rates	Yes
8	Migration of customer into or out of Class A (Global Adjustment)	Yes
9	Other - Cost Allocation	Yes

Rate Adjustment Requests

Lost Revenue Adjustment Mechanism Variance Account

A Rate Rider Recovery for the NTRZ Lost Revenue Adjustment Mechanism Variance Account 1568 ("LRAMVA") effective until April 30, 2021. NT Power is seeking the Board's approval for a one-year disposition period for the combined principal and carrying charges LRAMVA total of \$446,588 (principal amount of \$432,891 and carrying charges of \$13,696).

Other - Cost Allocation Adjustment

In NT Power's Decision and Order on August 23, 2018 granting approval for NT Power to purchase and amalgamate with Midland Power Utility Corporation ("Midland Power" or "MPUC") EB-2017-0269, the Ontario Energy Board (the "OEB") ordered:

"Newmarket-Tay Power Distribution Ltd. shall update their cost allocation models and file these models with the OEB no later than twelve months following Newmarket-Tay Power Distribution Ltd.'s acquisition of all shares of Midland Power Utility Corporation. This filing shall also include a proposal that demonstrates how rates that are too high or too low relative to the OEB's cost allocation policies will be adjusted over time."¹

The Board did not specify that the update must comply with any particular filing requirements in its Decision and Order.

On September 12, 2019, NT Power filed updated cost allocation models and a proposal to align certain customer classes within the Board's cost allocation target bands. NT Power identified there are NTRZ customer classes outside the Board target cost allocation bands based on the updated cost allocation models. The MRZ customer classes are within the target allocation bands with the exception of the street light class. NT Power submitted that the adjustment required in this case is immaterial and not warranted at this time. In this filing, NT Power proposed to adjust the affected NTRZ customer class rates to be within the Board's target cost allocation bands effective May 1, 2020. This would impact the NTRZ street light, sentinel light, unmetered scattered load and residential customer classes.

On September 27, 2019, NT Power received a letter from the Board requesting further information and assigned case number EB-2019-0231 to the filing.

¹ Ontario Energy Board Decision and Order EB-2017-0269, August 23, 2018 p.24

The Board also noted within its letter:

"The OEB also notes that Newmarket-Tay Power is due to file an incentive rate-setting mechanism (IRM) application on November 4, 2019. It is the OEB's expectation that Newmarket-Tay Power will incorporate its cost allocation update and proposal as part of its upcoming IRM application."

On November 11, 2019, NT Power filed a response to the Board's letter of September 27, 2019 as well as corrected updated cost allocation models.

As it proposed in its November 11, 2019 response, NT Power is filing this IRM application for 2020 rates, in accordance with the Chapter 3 filing requirements with one change. Instead of using existing 2019 rates as the starting point for the 2020 IRM model, NT Power is using the 2019 proposed rates which are the output of the corrected updated cost allocation application filing as the input into the IRM model for 2020 IRM rates

The proposed 2019 rates and bill impact summary by customer class is provided in the following excerpt of Table 14 from NT Power's corrected updated cost allocation models filed on November 11, 2019 (EB-2019-0231).

Table 14 2019 Proposed monthly rate charges								
	Fiz	xed distribution	on rate	Vari	tion rate			
		Fixed Band	Proposed rate		Variable	Proposed with	Total bill	
Rate Class	2019 rate	adj	with band adj	2019 rate	Band adj	band adj	impact %	
Residential - NTRZ	27.61	0.93	28.54	-	-	-	0.91%	
General Service Less Than 50 kW - NTRZ	31.01	-	31.01	0.0203	-	0.0203	0.00%	
General Service 50 to 4,999 kW - NTRZ Thermal	140.62	-	140.62	4.8511	-	4.8511	0.00%	
General Service 50 to 4,999 kW - NTRZ Interval	140.62	-	140.62	4.9867	-	4.9867	0.00%	
Sentinel Lighting - NTRZ	3.30	(1.00)	2.30	12.6396	(3.8330)	8.8066	-9.09%	
Street Lighting - NTRZ	3.24	(2.44)	0.80	16.1088	(12.1159)	3.9929	-14.80%	
Unmetered Scattered Load - NTRZ	17.91	(9.43)	8.48	0.0206	(0.0108)	0.0098	-29.78%	
Residential - MRZ	30.94	-	30.94	-	-	-	0.00%	
General Service Less Than 50 kW - MRZ	23.03	-	23.03	0.0170	-	0.0170	0.00%	
General Service 50 to 4,999 kW - MRZ	65.09	-	65.09	3.3170	-	3.3170	0.00%	
Street Lighting - MRZ	3.94	-	3.94	9.0935	-	9.0935	0.00%	
Unmetered Scattered Load - MRZ	10.65	-	10.65	0.0114	-	0.0114	0.00%	

The 2020 IRM model has been adjusted for the 2019 proposed rates by using the pre-populated 2019 existing rates and inputting the fixed and variable band adjustments contained in Table 14

in the 2020 IRM model sheet 16.Rev2Cost_GDPIPI for the NTRZ Residential, Sentinel Lighting, Street Lighting and Unmetered Scattered Load customer rate classes.

Deferral and Variance Accounts

NT Power has completed sheet '3. – 2018 Continuity Schedule' for the NTRZ and confirms the entries representing Group 1 Deferral and Variance Account balances as of December 31, 2018 are accurate. NT Power does not request to dispose of the balance of the Group 1 Deferral and Variance Accounts as the balance is below the threshold test.

Distribution Rates

NT Power is applying for a Decision and Order approving the proposed distribution rates and other charges for the NTRZ set out in this Application as just and reasonable pursuant to Section 78 of the Board Act, to be effective May 1, 2020.

If the Board is unable to provide a Decision and Order in this Application for implementation by May 1, 2020, NT Power requests that the Board issue an Interim Rate Order declaring the current NTRZ Distribution Rates and Specific Service Charges as interim until the implementation date of the approved 2020 distribution rates.

NT Power recognizes it requested a filing extension of 5 calendar days for this application. NT Power respectfully submits this is not a material extension of time. Should the effective date not coincide with the Board's implementation date for 2020 distribution rates and charges, NT Power requests permission to recover the incremental lost revenue from the effective date to the implementation date in the NTRZ.

Proposed Rates and Charges

The bill impact per customer class, including a typical residential customer consuming 750 kWh, as per the Report of the Board – *Defining Ontario's Typical Residential Customer* and including NT Power's proposal to adjust affected NTRZ customer classes in accordance with its corrected updated cost allocation models and the inflationary adjustment in the 2020 IRM model is shown below:

Proposed Bill Impacts

		Consumption	Bill Imp	act
Rate Classes/ Categories	Units	(kWh)	\$	%
Residential Service Classification - RPP	kWh	750	\$ 4.84	4.4%
General Service Less Than 50 Kw Service Classification - RPP	kWh	237,500	\$ 8.18	2.8%
General Service 50 To 4,999 Kw Service Classification - Non-RPP (Other)	kW	200	\$ (247.00)	-0.6%
Unmetered Scattered Load Service Classification - RPP	kWh	475	\$ (11.80)	-24.8%
Sentinel Lighting Service Classification - RPP	kW	474,500	\$ (4.86)	-6.9%
Street Lighting Service Classification - Non-RPP (Other)	kW	236	\$ (20,666.94)	-22.1%

MicroFIT Generator Service Charge

NT Power is applying to continue the current NTRZ monthly service charge of \$5.40 as approved by the Board in its 2019 IRM Application (EB-2018-0055).

2. Contact Information

Primary Contact

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Secondary Contact

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3. Rate Generator Model and Supplementary Workforms

NT Power has utilized the Board's 2020 IRM Rate Generator model, Global Adjustment Analysis Workform, and the Generic LRAMVA Workform in the preparation of this filing for the NTRZ. NT Power confirms the accuracy of the 2018 billing determinants and trial balance for the prepopulated models.

DVA Balance Reconciliation to RRR as of December 31, 2018

The RRR balances shown in the Rate Generator Model, sheet '3. Continuity Schedule', column BV are the consolidated NT Power balances for NTRZ and MRZ.

The variances in the table below are a result of the incorrect RRR filing in April, 2019 for the MRZ. NT Power will make the revisions in it's next annual RRR filing.

Continuity Schedule							
			(Rate Gen Mo	del sheet '3. C			
#	Description	Account	NT Power- NTRZ	NT Power- MRZ	Total	RRR 2.1.7	Variance
			Α	В	C = A+B	E	F=E-C
1	LV Variance Account	1550	\$852,571	\$443,479	\$1,296,050	\$1,296,050	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$38,272	-\$10,348	-\$48,620	-\$48,619	\$0
3	RSVA - Wholesale Market Service Charge	1580	-\$2,800,189	-\$207,727	- \$3,007,916	- \$3,007,916	\$0
6	RSVA - Retail Transmission Network Charge	1584	-\$594,249	-\$15,344	-\$609,593	-\$609,593	\$0
7	RSVA - Retail Transmission Connection Charge	1586	\$718,473	-\$6,034	\$712,439	\$712,439	\$0
8	RSVA - Power	1588	\$4,887,299	-\$108,719	\$4,778,580	\$4,778,581	\$0
9	RSVA - Global Adjustment	1589	\$1,965,092	\$488,993	\$2,454,085	\$2,454,085	\$0
10	Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$0	\$0	\$0	\$7,713	\$7,713
11	Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	\$170,944	\$0	\$170,944	\$189,971	\$19,027
12	Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	-\$14,842	\$0	-\$14,842	-\$1,668	\$13,174
13	Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	\$0	\$19,026	\$19,026	\$30,628	\$11,602
14	Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	\$17,532	\$13,173	\$30,705	\$17,532	-\$13,173
15	Disposition and Recovery/Refund of Regulatory Balances (2018)	1595	\$499,436	\$30,628	\$530,064	\$499,436	-\$30,628
						Total	\$7,715

4. 2019 Current Tariff Sheet

Appendix 1 contains the approved 2019 Tariff Sheet dated April 18, 2019 from EB-2018-0055. As explained in the Manager's Summary, the rates and charges within the tariff sheet with the addition of the proposed fixed and variable band adjustments from NT Power's corrected updated cost allocation models inputted into the IRM model sheet 16.Rev2Cost_GDPIPI provide the starting point from which the 2020 rates and charges are calculated using the Board's 2020 IRM model.

5. Supporting Documentation Cited Within Application

NT Power has committed to citing the supporting documentation throughout the application.

6. Who Is Affected by the Application

Statement: This IRM application will affect NT Power's NTRZ customers within the defined service area consisting of both the Town of Newmarket and Township of Tay, as defined by its license (ED-2007-0624).

Distributor's Profile

NT Power is a local electricity distribution company with approximately 45,000 customers/ connections in the Town of Newmarket and the Township of Tay that comprises NTRZ. The NTRZ electrical system spans nearly 360 kilometres of line and is supplied by nine 44,000 volt feeders from Hydro One Networks Inc. ("HONI")'s Armitage, Holland Junction and Waubaushene transformer stations. The NTRZ service area is non-contiguous with the Township of Tay service area being partially embedded.

A Decision and Order (EB- 2017-0269) from the Board was received August 23, 2018 granting approval for NT Power to purchase and amalgamate with Midland Power Utility Corporation. The transaction closed on September 7, 2018. The amended Licence ED-2007-0624 and notification from the Board that the MPUC Licence (ED-2002-0541) was cancelled was received on September 17, 2018.

7. Publication Notice

The persons affected by this Application are the customers within NT Power's NTRZ service area. NT Power proposes a copy of the notices related to the application be available on our websites:

- www.tayhydro.com
- www.nmhydro.on.ca
- www.midlandpuc.on.ca

NT Power also proposes the notices related to the application be posted at the office locations:

- 590 Steven Court, Newmarket, Ontario, L3Y 6Z2
- 16984 Highway 12, Midland, Ontario, L4R 4P4

and to serve a copy of the application on the interveners in it's last Cost of Service application (EB-2009-0269).

8. Accuracy of Billing Determinants

Statement: NT Power has filed the 2020 Annual Incentive Rate-Setting Application for the NTRZ consistent with *Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications* ("Chapter 3"), last revised July 12, 2018 and the Addendum to Filing Requirements for Electricity Distribution Rate Applications – 2020 Rate Applications dated July 15, 2019 (the "Filing Requirements") in order to prepare this Application.

NT Power confirms the accuracy of the 2019 Board Approved Tariff of Rates and Charges, and the accuracy of the billing determinants prepopulated in sheet '2. Current Tariff Schedule' and, respectively, in sheet '4. Billing Det. For Def-Var' of the 2020 IRM Rate Generator model.

NT Power confirms that it has not diverged from the Board's IRM rate generator model concept.

DATED at Newmarket, Ontario this 11th day of November, 2019.

All of which is respectfully submitted,

Newmarket – Tay Power Distribution Ltd.

Jul Paul Ferguson, President

3.1 Applications and Electronic Models

Certification of Evidence

As President of Newmarket-Tay Power Distribution Ltd. and in my capacity as an officer of that corporation and without personal liability, I hereby certify to the best of my knowledge and as at the date of this certification that the evidence in the Application is accurate, consistent and complete. The filing is consistent with the requirements from Chapter 3 of the *Filing Requirements for Transmission and Distribution Rate Applications* revised on July 12, 2018 and the Addendum to Filing Requirements for Electricity Distribution Rate Applications – 2020 Rate Applications dated July 15, 2019 (the "Filing Requirements") in order to prepare this Application.

Paul Ferguson, President

3.2 Elements of the Annual IR Index Plan

3.2.1 Annual Adjustment Mechanism

In accordance with Chapter 3, NT Power is an Annual IR Index applicant for the NTRZ resulting in the assignment of a 0.6% stretch factor. NT Power - NTRZ has chosen the Board's Annual IR Index established by the Board in its *October 18, 2012 Renewed Regulatory Framework for Electricity Report*.

The 2020 Rate Generator Model for the NTRZ was adjusted from the prepopulated group two stretch factors to group five.

NT Power's rate-setting parameters for the NTRZ are:

Annual price escalator: 1.5% Stretch factor: 0.6% Total price index: 0.9%.

3.2.1.1 Application of the Annual Adjustment Mechanism

The annual adjustment mechanism applies to distribution rates (fixed and variable charges) uniformly across customer rate classes.

The annual adjustment mechanism will not be applied to the following components of delivery rates:

- Rate Adders
- Rate Riders
- Low Voltage Service Charges
- Retail Transmission Service Rates
- Wholesale Market Service Rate
- Rural and Remote Rate Protection Benefit and Charge
- Standard Supply Service Administrative Charge
- Capacity Based Recovery
- MicroFIT Service Charge
- Specific Service Charges
- Transformation and Primary Metering Allowances
- Smart Metering Entity Charge

3.2.2 Revenue to Cost Ratio Adjustments

NT Power filed updated cost allocation models with the Board on September 12, 2019. In this filing, NT Power is proposing to adjust rates that are too high or too low effective May 1, 2020.

On November 11, 2019 NT Power filed corrected updated cost allocation models with proposed fixed and variable band adjustments for the affected customer classes (EB-2019-0231).

The proposed 2020 rates have been adjusted for the proposed fixed and variable band adjustment explained above, by including the band adjustment in the IRM model sheet 16.Rev2Cost_GDPIPI for the fixed and variable components of the NTRZ Residential, Sentinel Lighting, Street Lighting and Unmetered Scattered Load customer rate classes.

3.2.3 Rate Design for Residential Electricity Customers

On April 2, 2015, the Board released its *Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2014-0210)*, which stated that electricity distributors will transition to a fully-fixed monthly distribution service charge for residential customers. NT Power has transitioned to a fully-fixed monthly service charge for the residential class in the NTRZ.

Residential Rate Design – Exceptions and Mitigation

NT Power has no exceptions in the NTRZ.

3.2.4 Electricity Distribution Retail Transmission Service Rates

NT Power seeks changes to its Retail Transmission Service Rates for the NTRZ as detailed in 2020 IRM Rate Generator Model (sheets 10. to 15.).

Electricity distributors are charged for transmission costs at the wholesale level and then pass these charges to their distribution customers through the Retail Transmission Service Rates ("RTSR"). Variance accounts are used to capture differences in the rate a distributor pays for wholesale transmission service compared to the retail rate that the distributor is authorized to charge when billing its customers (variance Account 1584 and Account 1586).

NT Power acknowledges that the RTSR's may be adjusted by the Board. NT Power proposes the RTSR rates below for the NTRZ based on the 2020 IRM Rate Generator Model:

Proposed RTSR

Rate Class	Unit	Current RTSR Network	Proposed RTSR Network	Current RTSR Connection	Proposed RTSR Connection
Residential Service Classification	\$/kWh	0.0074	0.0082	0.0068	0.0076
General Service Less Than 50 kW Service Classification	\$/kWh	0.0068	0.0075	0.0061	0.0068
General Service 50 To 4,999 kW Service Classification	\$/kW	2.7219	3.0136	2.3865	2.6568
Unmetered Scattered Load Service Classification	\$/kWh	0.0067	0.0074	0.0061	0.0068
Sentinel Lighting Service Classification	\$/kW	2.0536	2.2737	1.8829	2.0962
Street Lighting Service Classification	\$/kW	2.0726	2.2947	1.8428	2.0516

In the Board's most recent Decision and Rate Order (EB-2019-0164), new Uniform

Transmission Rates were effective and are as follows:

Uniform Transmission Rates

Network Service Rate	\$3.83 kW
Line Connection Rate	\$0.96 kW
Transformation Connection Service Rate	\$2.30 kW

Other Rates and Charges

NT Power seeks continuation of the other rates and charges approved in EB-2009-0269 specifically the Allowances, Specific Service Charges, Retail Service Charges, and Loss Factors for the NTRZ.

3.2.5 Review and Disposition of Group 1 Deferral and Variance Account

Balances

Chapter 3 of the Board's Filing Requirements and the Report of the Board on Electricity Distributors' Deferral and Variance Account Review provide that the distributor's Group 1 audited account balances will be reviewed and disposed of if the pre-set disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. Distributors must file in their application Group 1 balances as of December 31, 2018 to determine if the threshold has been exceeded.

NT Power has elected to not dispose of all Group 1 deferral and variance account balances in the NTRZ in this application as the balances are at the threshold test at a total claim per kWh of \$0.0010. NT Power requests to dispose of Account 1568- LRAM Variance Account balance of \$446,588 for the NTRZ over a one year period.

NT Power - NTRZ has completed the Board Staff's 2020 IRM Rate Generator model 'sheet '3. Continuity Schedule' and has projected interest to April 30, 2019 on the December 31, 2018 balances. Actual interest has been calculated based on the Board's prescribed rates. Projected interest for the period is based on the Q4, 2019 Board's prescribed rate of 2.18%.

Statement: NT Power confirms the accuracy of the billing determinants for the NTRZ used in sheet '4. Billing Det. For Def-Var' of the 2020 IRM Rate Generator model. NT Power confirms no adjustments were made to the deferral and variance account balances previously approved by the OEB on a final basis for the NTRZ.

3.2.5.1 Wholesale Market Participants

Deferral/Variance Accounts

In accordance with the Chapter 3, a wholesale market participant ("WMP") refers to any entity that participates directly in any of the Independent Electricity System Operator ("IESO") administered markets. These participants settle commodity and market-related charges with the IESO, including when they are embedded in a distributor's distribution system. Consequently, NT Power has not allocated any account balances in Account 1588 RSVA - Power, Account 1580 RSVA - Wholesale Market Services Charge and Account 1589 RSVA - Global Adjustment to it's WMP customer in the NTRZ.

NT Power had one WMP customer in 2018 and two in 2019 in the NTRZ General Service greater than 50 kW class.

The WMP settle directly with the IESO for the Global Adjustment ("GA") charge. Therefore, NT Power is proposing not to charge a Rate Rider for the Disposition of Global Adjustment Account to the WMP customers.

NT Power ensured that the rate rider is appropriately calculated for the following remaining charges: Account 1584 RSVA – Retail Transmission Network Charge, Account 1586 RSVA – Retail Transmission Connection Charge and Account 1595 – Disposition/Refund of Regulatory Balances.

In accordance with Chapter 3, all GA rate riders for applicable classes are calculated on a volumetric basis (kWh).

NT Power - NTRZ used the WMP's 2018 metered consumption as reported in the RRR filing section 2.1.5.4.

3.2.5.2 Global Adjustment

NT Power confirms that the RRR data is accurate in Note 2 of the 2020 GA Analysis Workform v1.9 for the combined entity. NT Power maintains two rate zones, NTRZ and MRZ. The table below provides a reconciliation by rate zone to the GA Analysis Work Form updated on July 24, 2018.

GA Analysis Rate Zone Reconciliation Table

GA Analysis	NTRZ	MRZ	NT Power =NTRZ + MRZ	GA Analysis V1.9 Populated Values	Variance
Please report the aggregate consumption and demand for Class A customers	2018	2018	2018	2018	2018
Total Metered excluding WMP C = A + B	655,906,325	185,865,826	841,772,151	841,772,150	-
RPP A	375,134,315	78,542,965	453,677,279	453,677,279	-
Non RPP B = D + E	280,772,010	107,322,861	388,094,872	388,094,871	-
Non-RPP Class A D	65,401,139	49,773,175	115,174,314	115,174,314	-
Non-RPP Class B* E	215,370,871	57,549,686	272,920,558	272,920,557	-

NT Power has completed the Global Adjustment Analysis Workform ("GA Workform") for the NTRZ and submitted the live Excel format. NT Power is not requesting disposition for 2018 for the NTRZ. NT Power had nine active class A customers for the period of July 1, 2018 to July 1, 2019 in the NTRZ.

NT Power confirms the following with respect to the monthly billing of GA:

- NTRZ bills all non-RPP customers on the 1st estimate of the GA provided by the IESO.
- NT Power confirms that, where a billing spans more than one month in the NTRZ, in the case of a final bill or a manual read, the GA billing rate is pro-rated based on consumption for the blended months.

- NTRZ creates new GA billing rates for each consumption month in it's billing system, which enables the correct allocation of both consumption and GA rates when a customer is billed for consumption spanning over a calendar month.
- NT Power confirms the GA rate is applied consistently for all billed and unbilled revenue transactions in the NTRZ for non-RPP Class B customers in each rate class.

Settlement Process

NT Power determines RPP eligibility for small business customers (General Service less than 50 kW) in the NTRZ annually by performing annual customer reclassification based on annual demand or kWh and settles directly with the IESO.

On a monthly basis NT Power calculates an amount payable/receivable to/from the IESO for the NTRZ to settle the previous month. The settlement amounts are submitted to the IESO via an online portal on or before the fourth business day of the month, and appear under certain charge types on the IESO invoice, which arrives mid-month. This process ensures that the IESO and NT Power are appropriately compensated for various government-mandated rates/plans/programs:

- 1. The Regulated Price Plan (RPP) charge type ("CT") 142
- 2. Global Adjustment (GA) CT 147 and 148
- 3. Renewable Energy Standard Offer Program (RESOP) CT 1410
- 4. Feed-In-Tariff (FIT) Program CT 1412
- 5. Ontario Electricity Support Program (OESP) C1420 and 1470
- 6. Ontario Rebate Electricity Consumers CT 9982
- 7. Ontario Fair Hydro Plan Eligible RPP Consumer Discount Settlement Amount CT 1142
- Ontario Fair Hydro Plan Eligible non- RPP Consumer Discount Settlement Amount CT 1143

A further explanation of each component of this settlement process is provided below.

NT Power confirms accrual based accounting is used within the settlement process.

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.

c. If another approach is used, please explain in detail.

Response

The NTRZ uses approach a.

2. <u>Questions on CT 1142</u>

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).

Response

The billing system is queried for the amount of GA billed to RPP customers.

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.

<u>Response</u>

The process for truing up CT 1142 uses an Excel model that accounts for the usage, price and consumption month. The kWh is allocated in the month they were consumed and the applicable final GA rate is applied to match the month.

c. Has CT 1142 been trued up for with the IESO for all of 2018?

<u>Response</u>

Yes, all months of 2018 have been trued up for CT 1142.

d. Which months from 2018 were trued up in 2019?

Response

The November and December 2018 true-ups were included within the 2019 calendar year.

e. Have all of the 2018 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding?

Response

CT 1142 has been trued up with the exception of the adjustment in the response to 2d above.

f. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

<u>Response</u>

The November and December 2018 GA true-up are not included in the 2018 continuity schedule as the true-up has been recorded in 2019.

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).

<u>Response</u>

In order to determine the initial RPP related GA for monthly settlement, NT Power -NTRZ runs reports from the billing system that calculates the total kWh's billed for the month for all Class B customers. The monthly queries generate the following information; (A) total actual consumption for a particular month excluding Class A consumption data and (B) total actual RPP consumption. The RPP consumption (kWh) amount queried is then subtracted from the total consumption report to calculate the non-RPP consumption for Class B customers.

The RPP and non-RPP consumption amount percentages for Class B customers are then applied to the monthly CT 148 Class B Global Adjustment Settlement Amount in order to record the RPP portion of the Class B Global Adjustment to account 1588 and non-RPP portion of the Class B Global Adjustment to 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.

Response

The process for true up of the GA related costs follows the process outlined in 3. a) 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?

Response

Refer to 3. a).

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?

<u>Response</u>

Yes.

e. Please indicate which months from 2018 were trued up in 2019 for CT 148 proportions between RPP and non-RPP.

Response

November and December 2018 were trued up in the 2019 calendar year.

f. Are all true-ups for 2018 consumption reflected in the DVA Continuity Schedule under 2018.

Response

Refer to 3 e).

g. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

<u>Response</u>

Refer to 3 e).

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?

Response

Yes, NT Power - NTRZ received approval for disposition in its 2019 rate proceeding for GA account balance of \$1,219,133.

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).

		2017				
Account Descriptions	Opening Principal	Principal Adjustments	Closing Principal Balance	Opening Interest Amounts	Interest Adjustments	Closing Interest Amounts
RSVA - Global Adjustment	1,376,375	(213,405)	1,162,970	54,531	(32,017)	22,514
Total Group 1 Balance excluding Account 1589 - Global Adjustment	(2,802,031)	1,959,467	(842,565)	37,557	(16,092)	21,465
Total Group 1 Balance	(1,425,656)	1,746,062	320,405	92,089	(48,109)	43,980

Response

c. Has the applicant reversed the adjustment approved in 2018 in its current proposed amount for disposition?

<u>Response</u>

The approved adjustments were the result of a Special Purpose Audit as ordered by the OEB (EB-2017-0062) were recorded in the 2018 financial statements. No disposition is being requested.

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.

Response

Refer to 4. c).

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.

<u>Response</u>

Disposition is not being requested in this proceeding.

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.

Response Refer to 4. c).

Description of Accounting Methods and Transactions for the Disposition Balance Years being Requested

NT Power's financial accounting practices as they relate to the initial recording of transactions in Commodity Accounts 1588 and 1589 are as follows. The IESO invoice amount for CT 101 and CT 1142 is posted to Account 1588. CT 148 is initially posted to Account 1589 and then subsequently split between RPP and non-RPP based on kWh. The RPP portion of CT 148 is credited to Account 1589 and debited to Account 1588. RPP revenues are posted directly to 1588 for both power and GA. Non-RPP power revenues are posted directly to Account 1588 and non-RPP GA revenues are posted directly to Account 1589.

3.2.5.4 Capacity Based Recovery (CBR)

NT Power applied the Board's *Accounting Guidance on CBR*, issued July 25, 2016. WMS are billed by the IESO for CBR.

In 2018, NT Power had nine Class A customers in the NTRZ for the full year. Sheet '6.2 CBR B' has a total CBR Class B allocated to current Class B customers that did not generate a rate rider.

Future NT Power Class A customers in the NTRZ that were previously Class B customers who contributed towards the variance in Account 1580, sub account CBR Class B will be charged Account 1580 Rate Rider until the sunset date, regardless of whether customers transition between Class A and Class B during the disposition period.

3.2.6 LRAM Variance Account (LRAMVA)

For CDM programs delivered within the 2011 to 2014 term and going forward within the 2015 to 2020 term, the Board established Account 1568 - LRAMVA to capture the variance between the Board-approved CDM forecast and the actual results at the customer rate class level.

Account 1568 - LRAMVA variance captures the difference between:

- The results of actual, verified impacts of authorized CDM activities undertaken by NT Power in the NTRZ; and
- b) The Board-approved LRAMVA threshold.

In accordance with the Board's *Guidelines for Electricity Distributor CDM*, at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA in IRM applications, if the balance is deemed significant by the applicant. Disposition requests for LRAMVA must be made together with carrying charges.

3.2.6.1 Disposition of LRAMVA

Statement Identifying Years of Lost Revenues and Prior Years Savings

NT Power deems the balance of the NTRZ LRAMVA account is significant and is seeking disposition for the 2018 balance of \$446,588 (\$432,891 principal and \$13,696 interest) over the period of one year as it exceeds the threshold.

Statement Confirming LRAMVA was based on savings from the Participation and Cost reports and detailed project level savings files

The LRAMVA historically has been based on the Final Verified Annual Results published by the IESO. Following the Ministry of Energy, Northern Development and Mines' decision on March 20, 2019 to conclude the Conservation First Framework (CFF) led to the IESO not issuing the annual verified report format that was used historically. The net energy savings is based on the Participation and Cost Report provided as of April 15, 2019 for the NTRZ. NT Power used the Detailed Project Level Savings file as provided by the IESO for the Net Demand Savings by program applying the outlined IESO saving calculation methodology and applicable reference table metrics. The Detailed Project Level Saving file contains customer information. Should this file be required, NT Power will submit with confidentiality at the Board's request. This file was generated by program activity savings as reported by NT Power for the NTRZ through the monthly LDC Report submission.

NT Power has submitted the excel workbook supporting the LRAMVA claim:

• Participation and Cost Report for NT Power's NTRZ of April, 2019

NT Power used the most recent input assumptions available at the time of the program evaluation when calculating the lost revenue.

NT Power has not deviated from the Board's LRAMVA model concept.

Summary of LRAMVA balance requested for disposition

The following table presents the NTRZ LRAMVA balances identified for disposition:

Customer Class	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	\$67,271	\$2,128	\$69,399
GS<50 kW	\$142,390	\$4,505	\$146,895
GS>50 kW - Thermal Demand Meter	\$176,320	\$5,579	\$181,898
GS>50 kW - Interval Meter	\$7,488	\$237	\$7,725
Street Lighting	\$39,423	\$1,247	\$40,671
Total	\$432,891	\$13,696	\$446,588

LRAMVA Claim

Statement: NT Power requests a one-year disposition of the LRAMVA as the resulting rate rider is not significant and avoids the need for two concurrent rate riders in 2021.

Details for the forecast CDM savings included LRAMVA calculation

NT Power has followed LRAMVA Work Form Version 3.0 and the Board Report, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs* (EB-2016-0182).

In accordance with the *Guidelines for Electricity Distributors*, NT Power has used the Board's approved volumetric rates for the NTRZ. Carrying charges were applied on a monthly basis and are being requested to be recovered from the NTRZ customers. NT Power's LRAMVA threshold is zero for the NTRZ as demonstrated by the LRAMVA model. There was no LRAMVA threshold established in NT Power - NTRZ's last Cost of Service application (EB-2009-0269). The recovery of the LRAMVA principal amount of one year is to reduce the impact on customers bills in future years.

With respect to the entries in the LRAMVA, the CDM Guidelines specify that distributors must calculate the full year impact of CDM programs and compare that to the LRAMVA threshold amounts by rate class. The difference is multiplied by the distributor's Board approved variable distribution charge and customer rate class with which the volumetric variance occurred.

Statement: NT Power is requesting a LRMAVA claim of \$446,588 for the NTRZ that includes the verified actual CDM savings and carrying charges.

Rationale confirming how the rate class allocations for actual CDM savings were determined For CDM programs that are designed and designated for specific customer segments or rate classes, LRAMVA allocations for CDM savings are allocated directly to those specific rate classes. For example, the saveONenergy 'Coupon' and 'Heating and Cooling' Programs are designated as residential programs, while the saveONenergy 'Small Business Lighting' program limits eligibility to those customers with a demand of less than 100 kW.

CDM 'Coupon' and 'Heating and Cooling' program savings will be allocated 100% to the residential rate class. For programs with more limited customer participation, such as the Process & Systems Upgrades Program, the CDM savings for LRAMVA allocations are directly to the specific rate classes, in this case GS>50. For other programs, such as Retrofit that could have participants from multiple rate classes, NT Power analyzed the actual customer participation to calculate percent allocations. The 'Retrofit' program savings were allocated to the general service less than 50 kW (GS<50kW) and the general service greater than 50 kW – demand meter and interval meter (GS>50kW) rate classes, based on the prior year's customer participant mix for the year in question.

A summary of the annual rate class allocations is within sheet '3-a.' of the LRAMVA work form for the NTRZ. NT Power populated the sheet '5. 2015-2020' with persistence and 2018 current net energy savings. The relevant Board approved distribution rates were compiled within sheet '3. Distribution Rates' and used within the model calculations.

CDM Savings

The CDM savings are presented in the following table:

Final Verified CDM Savings

Description	Residential	GS<50 kWh	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting
2018 Actuals	\$67,271	\$142,390	\$176,320	\$7,488	39,423
Carrying Charges	\$2,128	\$4,505	\$5,579	\$237	\$1,247
Total LRAMVA Balance	\$69,399	\$146,895	\$181,898	\$7,725	40,671

Additional Documentation or Data Statement

Statement: No additional documentation or data was provided in support of projects that was not included in the Participation and Cost Report and the Project listing from the IESO.

Board Approved Programs Before 2014

The proposed LRAMVA rate rider recovery period is one year. The proposed LRAMVA rate riders are presented below:

Customer Classes	Unit	LRAMVA Rate Riders
Residential	\$/kWh	\$0.0002
GS <50 kW	\$/kWh	-
GS >50 kW	\$/kW	\$0.3050
Street Lights	\$/kW	\$5.8969

Proposed LRAMVA Rate Riders - Recover Period 1 Year

3.2.7 Tax Changes

The Board's supplemental report, *3rd Generation Incentive Regulation* issued July 17, 2008, and the *Chapter 3 Board's Filing Requirements* last revised July 12, 2018, determined that a 50/50 sharing of the impact of currently known legislated tax changes, other than that related to the implementation of the Harmonized Sales Tax, as applied to the tax level reflected in the Board-approved base rates for a distributor, was appropriate.

NT Power has completed the 2020 IRM Rate Generator Model (sheet '8. STS-Tax Change' and sheet '9. Shared Tax-Rate Rider') for the NTRZ to calculate the annual tax changes that are to be allocated to the customer rate classes.

3.2.8 Z- Factor Claims

Z factor criteria is defined as an event that occurred outside of what the NT Power's current rates are derived from and outside of management's control. The amounts incurred must be larger than the Board defined materiality threshold and have a significant influence on the operations of the Applicant. NT Power is not seeking any recoveries of expenses under a Z factor.

3.3 Elements Specific only to the Price Cap IR Plan (*with Annual IR Inclusion clause*)

3.3.5 Off-Ramp Provisions

NT Power's regulatory return on equity for 2018 was 11.91% which is within the maximum dead band of +/- 3% range of deemed return on equity of 9.66%.

3.4 Specific Exclusions from Annual IR Index Applications

Appendix A: Application of Recoveries in Account 1595

NT Power - NTRZ has completed the tax sharing calculations in sheet '9. Shared Tax' of the 2020 IRM Rate Generator model, in accordance with Chapter 3, applying the determined 50/50 sharing of the impact on NT Power - NTRZ's tax rates approved by the Board. The 2020 IRM Rate Generator model generated a rate rider for each rate class for a total allocation of tax savings of (\$41,095).

1595 Analysis Workform

In 2018, the Board Staff introduced the 1595 Analysis Workform as a requirement for rate applications if the distributor meets the requirements for disposition of residual balances. The purpose of the new workform is to assist the Board Staff to assess the residual balances in Account 1595 Sub-accounts for each vintage year are reasonable. NT Power - NTRZ intends on meeting the requirements for disposition in the 2021 IRM application.

Appendix B: Rate Adder versus Rate Rider

Account 1576 Final Disposition for 2021 IRM Application

In the Decision and Order from the Board received August 23, 2018 this granted approval for NT Power - NTRZ to purchase and amalgamate with Midland Power Utility Corporation and defer rebasing for 10 years (EB- 2017-0269). In the 2019 IRM Application (EB-2018-0055) the Board was in support of the Board Staff's recommendation for

"an alternate approach to address the continued annual variance in Account 1576 for future applications in the interests of increased efficiency. OEB staff suggested that Newmarket-Tay Power can dispose the balance of Account 1576 based on a forecast to the end of 2019 in its 2020 IRM application on a final basis and, in the same application, apply to reduce base distribution rates such that the deferral account will no longer be required. This alternative plan would also require the approval of prior year interim dispositions (2012- 2017) to be approved on a final basis".

NT Power is in agreement with the Board's recommendation and is preparing to request final disposition of Account 1576 following the 2019 fiscal audit for the 2021 IRM Application.

Appendix 1: NT Power's Current Tariff Sheet

Effective and Implementation Date May 1, 2019 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	27.61
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$	(1.74)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$	(0.06)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0052
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0017)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2019 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.01
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0203
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0052
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	0.0015
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kWh	(0.0026)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/k\//b	0 0004

Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWh0.0004Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.0005Standard 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-2018-0055

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and

Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered.

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

APPLICATION

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

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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 Global Adjustment and the HST.

Service Charge	\$	140.62
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8511
Distribution Volumetric Rate - Interval Meter	\$/kW	4.9867
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0052

0.25

Newmarket-Tay Power Distribution Ltd. For Newmarket-Tay Power Main Rate Zone 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-2018-0055
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.2304
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants - Approved on an Interim Basis	\$/kW	(1.0680)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	0.3935
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.2928
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	(0.0138)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kW	(0.9548)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7219
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3865
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

Standard Supply Service - Administrative Charge (if applicable)

Issued - April 18, 2019

\$

Effective and Implementation Date May 1, 2019 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less 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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	17.91
Distribution Volumetric Rate	\$/kWh	0.0206
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0003)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kWh	(0.0026)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

\$

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-2018-0055

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	3.30
Distribution Volumetric Rate	\$/kW	12.6396
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0002)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kW	(0.0026)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0536
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030

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

Effective and Implementation Date May 1, 2019 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

	<u>^</u>	0.04
Service Charge	\$	3.24
Distribution Volumetric Rate	\$/kW	16.1088
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0052
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	5.6715
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW	(0.6796)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.3195
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	(0.1847)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kWh	(0.9563)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0726
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8428
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

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-2018-0055

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.85)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

Effective and Implementation Date May 1, 2019 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

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
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference letter	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable) - residential	\$	26.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account (See Note Below)		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	23.00
Disconnect/reconnect at meter - during regular hours	\$	50.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	50.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service - install & remove - underground - no transformer	\$	500.00
Temporary service - install & remove - overhead - no transformer	\$	300.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments NOTE: Ontario Energy Reard Pate Order ER 2017 0183, issued on March 14, 2010, identifies changes to the	\$	43.63

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

Effective and Implementation Date May 1, 2019 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	40.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.00
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the		
Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00
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	1.0383
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0279

Appendix 2: NT Power's Proposed Tariff Sheet

Effective and Implementation Date May 1, 2020 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.80
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0082
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0076

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0205
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and

Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered.

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

APPLICATION

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

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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.

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	141.89
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8948
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kW	0.3047
Distribution Volumetric Rate - Interval Meter	\$/kW	4.8948
Retail Transmission Rate - Network Service Rate	\$/kW	3.0136
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6568

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less 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 Global Adjustment and the HST.

Service Charge	\$	8.56
Distribution Volumetric Rate	\$/kWh	0.0099
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

Service Charge Distribution Volumetric Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW	2.32 8.8859 2.2737 2.0962
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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Service Charge	\$	0.81
Distribution Volumetric Rate	\$/kW	4.0288
Retail Transmission Rate - Network Service Rate	\$/kW	2.2947
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0516
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.85)
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 Global Adjustment and the HST.

Customer Administration	
Arrears certificate	\$ 15.00
Statement of account	\$ 15.00

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit reference letter	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable) - residential	\$	26.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account (See Note Below)		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	23.00
Disconnect/reconnect at meter - during regular hours	\$	50.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	50.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service - install & remove - underground - no transformer	\$	500.00
Temporary service - install & remove - overhead - no transformer	\$	300.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year	•	
(with the exception of wireless attachments	\$	44.28
NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the	ie Non-Paym	ient of Account

Service Charges effective July 1, 2019

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

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	\$	101.50
Monthly Fixed Charge, per retailer	\$	40.60
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.06
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	e \$	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.
 1.0383

 Total Loss Factor - Secondary Metered Customer < 5,000 kW</td>
 1.0383

 Total Loss Factor - Primary Metered Customer < 5,000 kW</td>
 1.0279

Appendix 3: 2018 IRM Rate Generator

(Presented in PDF and Excel Format)

Ontario Energy Board **Quick Link** Ontario Energy Board's 2020 Electricity Distribution Rates Webpage **Incentive Rate-setting Mechanism Rate Generator** for 2020 Filers 2.0 Version Utility Name Newmarket-Tay Power Distribution Ltd. Service Territory For Newmarket-Tay Power Main Rate Zone Assigned EB Number EB-2019-0055 Name of Contact and Title Michelle Reesor, Regulatory Analyst Phone Number 905-953-8548 ext: 2265 Email Address mreesor@nmhydro.ca We are applying for rates effective May-01-20 Annual IR Index Rate-Setting Method 2010 1. Select the last Cost of Service rebasing year 2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition (e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017) 2017 3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition 2017 4. Select the earliest vintage year in which there is a balance in Account 1595 2012 (e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016) 5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)? Yes 6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)? Yes 7. Retail Transmission Service Rates: Newmarket-Tay Power Distribution Ltd. is: Partially Embedded Distribution System(s) Within Hydro One (If necessary, enter all embedded distributor names in the above green shaded cell) 8. Have you transitioned to fully fixed rates? Yes

Legend

Pale green cells represent input cells.

Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.

Please wait as macro imports and formats your current tariff schedule

Newmarket-Tay Power Distribution Ltd. For Newmarket-Tay Power Main Rate Zone 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-2018-0055

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27.61
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$	(1.74)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020 Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$	(0.06)
Applicable only for Non-RPP Customers - Approved on an Interim Basis Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$/kWh	0.0052
- effective until April 30, 2020 Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0005
- Approved on an Interim Basis Rate Rider for Disposition of Capacity Based Recovery Account (2019)	\$/kWh	(0.0017)
- effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068

MONTHLY RATES AND CHARGES - Regulatory Componentiff Schedule

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

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GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	31.01
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kWh	0.0203
Applicable only for Non-RPP Customers - Approved on an Interim Basis Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$/kWh	0.0052
- effective until April 30, 2020 Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0015
- Approved on an Interim Basis Rate Rider for Disposition of Capacity Based Recovery Account (2019)	\$/kWh	(0.0018)
- effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kWh	(0.0026)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered.

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

APPLICATION

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

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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 Global Adjustment and the HST.

Service Charge	\$	140.62
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8511
Distribution Volumetric Rate - Interval Meter Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kW	4.9867
Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$/kWh	0.0052
- effective until April 30, 2020 Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.2304
Applicable only for Non-Wholesale Market Participants - Approved on an Interim Basis Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(1.0680)
- Approved on an Interim Basis Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020	\$/kW	0.3935
Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.2928
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020 2. Current Tariff Schedule	\$/kW	(<mark>0.0138)</mark> Issued Month day, Year
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kW	(0.9548)

Retail Transmission Rate - Network Service Rate	\$/kW	2.7219
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3865
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less 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 Global Adjustment and the HST.

Service Charge	\$	17.91		
Distribution Volumetric Rate	\$/kWh	0.0206		
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020 Applicable only for Class B Customers - Approved on an Interim Basis Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0009		
	\$/kWh	(0.0018)		
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0003)		
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kWh	(0.0026)		
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067		
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061		
MONTHLY RATES AND CHARGES - Regulatory Component				
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030		
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004		
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005		
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25		

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	3.30
Distribution Volumetric Rate Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020	\$/kW	12.6396
Applicable only for Class B Customers - Approved on an Interim Basis	\$/kWh	0.0009
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0018)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0002)
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kW	(0.0026)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0536
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	3.24		
Distribution Volumetric Rate	\$/kW	16.1088		
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers - Approved on an Interim Basis Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)	\$/kWh	0.0052		
- effective until April 30, 2020	\$/kW	5.6715		
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until April 30, 2020	\$/kW	(0.6796)		
Applicable only for Class B Customers - Approved on an Interim Basis	\$/kW	0.3195		
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	(0.1847)		
Rate Rider for Disposition of Account 1576 - effective until April 30, 2020	\$/kWh	(0.9563)		
Retail Transmission Rate - Network Service Rate	\$/kW	2.0726		
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8428		
MONTHLY RATES AND CHARGES - Regulatory Component				
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030		
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004		
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005		
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25		

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.85)
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 Global Adjustment and the HST.

Customer Administration

Arrears certificate		\$	15.00
Statement of account		\$	15.00
Duplicate invoices for previous billing		\$	15.00
Request for other billing information		\$	15.00
Easement letter		\$	15.00
Account history		\$	15.00
Credit reference letter		\$	15.00
Credit check (plus credit agency costs)		\$	15.00
Returned cheque (plus bank charges)		\$	15.00
Legal letter charge		\$	15.00
Special meter reads		\$	30.00
Account set up charge/change of occupar	ncy charge (plus credit agency costs if applicable) - residential	\$	26.00
Meter dispute charge plus Measurement	Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account (See Note	Below)		
Late payment - per month		%	1.50
Late payment - per annum	2. Current Tariff Schedule	%	Issuled56/Ionth day, Year

Ontario Energy Board Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

Collection of account charge - no disconnection	\$ 23.00
Disconnect/reconnect at meter - during regular hours	\$ 50.00
Disconnect/reconnect at meter - after regular hours	\$ 185.00
Disconnect/reconnect at pole - during regular hours	\$ 185.00
Disconnect/reconnect at pole - after regular hours	\$ 415.00
Install/remove load control device - during regular hours	\$ 50.00
Install/remove load control device - after regular hours	\$ 185.00
Other	
Service call - customer owned equipment	\$ 30.00
Service call - after regular hours	\$ 165.00
Temporary service - install & remove - underground - no transformer	\$ 500.00
Temporary service - install & remove - overhead - no transformer	\$ 300.00
Temporary service - install & remove - overhead - with transformer Specific charge for access to the power poles - \$/pole/year	\$ 1,000.00
(with the exception of wireless attachments	\$ 43.63

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	
Monthly Fixed Charge, per retailer	\$	40.00	
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.00	
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60	
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)	
Service Transaction Requests (STR)			
Request fee, per request, applied to the requesting party	\$	0.50	
Processing fee, per request, applied to the requesting party	\$	1.00	
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail			
Settlement Code directly to retailers and customers, if not delivered electronically through the			
Electronic Business Transaction (EBT) system, applied to the requesting party			
Up to twice a year	\$	no charge	
More than twice a year, per request (plus incremental delivery costs)	\$	4.00	
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00	

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	1.0383
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0279
2. Current Tariff Schedule	Issued Month day, Year

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

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 Adjustment⁴	1589
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	1595
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595
RSVA - Global Adjustment Total Group 1 Balance excluding Account 1589 - Global Adjustment Total Group 1 Balance	1589
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568
Total including Account 1568	

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

	2013								
Closing Interest 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
0					0				
0					0				
0					0				
0					0				
0					0				
0					0				
0					0				
0					0				
5,956	0	0	2,101	3,855	(502,997)			61,238	(564,235)
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	U	0	U	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
5,956	0	0	2,101	3,855	(502,997)		0	61,238	(564,235)
5,956	0	0	2,101	3,855	(502,997)	0	0	61,238	(564,235)
5,956	0	0	2,101	3,855	(502,997)	0	0	61,238	(564,235)

				2014					
Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments ¹ during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments ¹ during 2014	Closing Interest Amounts as of Dec 31, 2014
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
(502,997)	0	0			5,956	0	0	0	5,956
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	U	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
(502,997)	0	0			5,956	0	0	0	
(502,997)	0	0	0	(502,997)	5,956	0	0	0	5,956
0	0	0	0	0	0	0	0	0	0
(502,997)	0	0	0	(502,997)	5,956	0	0	0	5,956

				2015								
Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments ¹ during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments ¹ during 2015	Closing Interest Amounts as of Dec 31, 2015	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016
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		
(502,997)	0	0	0	(502,997)	5,956	0	0	0	5,956	(502,997)	270,709	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	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
(502,997)	0	0			5,956	0	0	0	-	-	270,709	0
(502,997)	0	0			5,956	0	0	0			270,709	0
					-,				-,		-,	
0	1,367	0	0	1,367	0	0	0	0	0	1,367	1,196,023	1,196,023
(502,997)	1,367	0	0	(501,630)	5,956	0	0	0	5,956	(501,630)	1,466,732	1,196,023
(502,997)	1,307	U	0	(001,030)	5,950	0	0	0	5,950	(001,030)	1,400,732	1,190,023

					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
					0	
				0	0	
				0	0	
				0	0	
				0	0	
				0	0	
				0	0	
				0	0	
				0	0	
(4,552	0	0	(10,508)	5,956	(232,287)	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
(4,552	0 0	0	(10,508)	0 5,956	(232,287)	0
(4,552)	0	0	(10,508)	5,956	(232,287)	0
(1,002	0	0	(10,000)	0,000	(202,201)	Ũ
	0	0	0	0	1,367	0
(4,552	0	0	(10,508)	5,956	(230,920)	0

				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 Interest Amounts as of Dec 31, 2017	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018
0			657,362	657,362	0			9,312	9,312	657,362	172.044	
0			38,216		0			1,501	1,501		(77,770)	
0			(3,111,963)		0			(56,090)	(56,090)		411,150	
0			1,385		0			0		1,385	(1,385)	
0			487,036	487,036	0			3,797	3,797	487,036		
0			(476,132)	(476,132)	0			4,144	4,144		(129,386)	
0			426,004	426,004	0			26,947	26,947	426,004	254,392	
0			1,366,310	1,366,310	0			39,179	39,179	1,366,310	3,419,595	
0			1,162,970	1,162,970	0			22,514	22,514	1,162,970	753,581	
(232,287)	(269,117)	C	(501,404)	(1,002,809)	(4,552)	(2,771)	0	(7,323)	(14,647)	(1,002,809)	221,548	
0	0	C	0	0	0				0	0	167,819	
0	0	C	0	0	0				0	0	(14,570)	
0	0	C	0	0	0				0	0	0	
0	0	C	0	0	0				0	0	17,212	
0	0	C	0	0	0				0	0	490,304	
0	0	0	0	0	0				0	0		
					-							
0	0 (269,117)	C	, - ,		0 (4,552)		0	22,514 21,466	22,514 14,143		753,581 4,994,599	0
(232,287) (232,287)	(269,117) (269,117)		(.,,,		(4,552)	(2,771)	0	43,980	36,657		4,994,599 5,748,180	0
(202,207)	(203,117)	C C	-9,705	(+01,022)	(4,552)	(2,771)	0	+5,900	50,057	(+51,022)	5,740,100	0
1,367			452,235	453,602	0			16,620	16,620	453,602	432,891	
(230,920)	(269,117)	C	502,018	1,980	(4,552)	(2,771)	0	60,600	53,277	1,980	6,181,071	0

	2018						2019				Projected Interest on Dec-3			
Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 ²	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 ²		
										(= ,)				
	829,406	9,312	13,854			23,166	657,362	28,331				1,250		
	(39,555)	1,501	(218)			1,283	38,216	2,607	(77,771)	(1,324)	(1,695)	(565)		
	(2,700,813)	(56,090)	(41,901)			(97,991)	(3,111,963)	(131,998)	411,150			2,988		
	(0)	0				0	407.000	17.000	(0)	0	(0)	(0)		
	487,036 (605,518)	3,797 4,144	7,125			3,797 11,269	487,036 (476,132)	17,889 (9,632)		<mark>(14,092)</mark> 20,901	(0) (2,821)	(0) (940)		
	680,396	26,947	11,130			38,077	426,004	39,272		(1,195)		(940) 1,849		
	4,785,906	39,179	62,215			101,394	1,366,310	78,711	3,419,596	22,683		24,849		
	1,916,551	22,514	26,026			48,541	1,162,970	56,163		(7,622)	16,428	5,476		
	(781,261)	(14,647)	11,449			(3,198)	.,	00,100	(781,261)	(3,198)		(5,677)		
	167,819	0	3,126			3,126			167,819	3,126		1,219		
	(14,570)	0	(271)			(271)			(14,570)	(271)	(318)	(106)		
	0	0	()			()			(1,,010)	()	0	0		
	17,212	0	321			321			17,212	321	375	125		
	490,304	0	9,132			9,132			490,304	9,132		3,563		
	100,001	Ũ	0,102			0,102			100,001	0,102	10,000	0,000		
	0	0				0			0	0	0	0		
											0	0		
0	1,916,551	22,514	26,026	0	0	48,541	1,162,970	56,163	753,581	(7,622)	16,428	5,476		
0	3,380,007	14,143	77,361	0	0	91,503	(613,167)	25,180	3,993,174	66,323	87,051	29,017		
0	5,296,558	36,657	103,387	0	0	140,044	549,803	81,343	4,746,755	58,701	103,479	34,493		
	886,493	16,620	13,696			30,316	452,235	14,773	434,258	15,543	9,467	3,156		
0	6,183,052	53,277	117,083	0	0	170,361	1,002,038	96,116	5,181,014	74,245	112,946	37,649		

31-18 Balan	ces		2.1.7 RRR		
Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)	
(165) (3,584)	171,879 (81,355)		1,296,050 (48,619)		Please provide an explanation of the variance in the Manager's Summary Please provide an explanation of the variance in the Manager's Summary
45,958	457,108		(3,007,916)	(209,112)	The variance does not match the value in cell BV25. Please provide an explanation of the varia
(0)	0		2,326	2,326	Please provide an explanation of the variance in the Manager's Summary
<mark>(14,092)</mark> 17,141	(14,092) (112,246)		465,217 (609,593)		Please provide an explanation of the variance in the Manager's Summary Please provide an explanation of the variance in the Manager's Summary
6,199	260,591		712,439		Please provide an explanation of the variance in the Manager's Summary
122,079	0	No	4,778,581	(108,719)	Please provide an explanation of the variance in the Manager's Summary
14,282	0	No	2,454,085	488,993	Please provide an explanation of the variance in the Manager's Summary
(25,907)	0	No	7,713	792,172	Please provide an explanation of the variance in the Manager's Summary
8,004	0	No	189,971	19,026	Please provide an explanation of the variance in the Manager's Summary
(695)	0	No	(1,668)	13,173	Please provide an explanation of the variance in the Manager's Summary
0	0	No	30,628	30,628	Please provide an explanation of the variance in the Manager's Summary
821	0	No	17,532		
23,383	0	No	499,436	0	
0	0	No		0	
14.282	0		2.454.085	488,993	
182,392	681,885		3,864,552	393,041	
196,673	681,885		6,318,637	882,034	
28,166	462,424		1,221,834	305,024	Please provide an explanation of the variance in the Manager's Summary
224,839	1,144,309		7,540,471	1,187,059	

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Data on this worksheet has been populated using your most recent RRR filing. If you have identified any issues, please contact the OEB. Have you confirmed the accuracy of the data below? Yes



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 <mark>kWh</mark> for Wholesale Market Participants (WMP)	Metered <mark>kW</mark> for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption <i>(if applicable)</i>	Total Metered kW less WMP consumption <i>(if applicable)</i>	1568 LRAM Accoun Alloca (\$ amo
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,139,763	0	9,007,982	0	0	0	282,139,763	0	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	91,548,982	0	15,488,018	0	0	0	91,548,982	0	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	278,825,253	621,806	253,794,805	613,195	0	8,611	278,825,253	613,195	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kW	552,037	0	0	0	0	0	552,037	0	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	275,116	764	0	0	0	0	275,116	764	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,565,174	6,897	2,481,206	6,897	0	0	2,565,174	6,897	
	Total	655,906,325	629,467	280,772,011	620,092	0	8,611	655,906,325	620,856	

Threshold Test	
Total Claim (including Account 1568)	\$1,144,309
Total Claim for Threshold Test (All Group 1 Accounts)	\$681,885
Threshold Test (Total claim per kWh) ²	\$0.0010

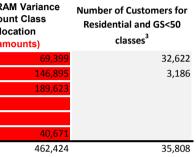
Currently, the threshold test has been met and the default is that Group 1 account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed reasons in the manager's summary.

\$0.0010	
NO	

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.



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

		% of Customer	% of Total kWh adjusted for		a	Ilocated based on Total less WMP			allocated based on Total less WMP	
Rate Class	% of Total kWh		WMP	1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	43.0%	91.1%	43.0%	73,934	(74,117)	190,564	(48,283)	112,094	0	69,399
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.0%	8.9%	14.0%	23,990	(7,239)	61,835	(15,667)	36,372	0	147,484
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	42.5%	0.0%	42.5%	73,066	0	188,326	(47,716)	110,777	0	189,470
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	145	0	373	(94)	219	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	72	0	186	(47)	109	0	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	672	0	1,733	(439)	1,019	0	0
Total	100.0%	100.0%	100.0%	171,879	(81,355)	443,016	(112,246)	260,591	0	406,353

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

allocated	bas	sed	on
Total I	229	W/I	MР

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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.

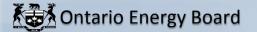
Default Rate Rider Recovery Period (in months) DVA Proposed Rate Rider Recovery Period (in months) LRAM Proposed Rate Rider Recovery Period (in months)

 12
 Rate Rider Recovery to be used below

 12
 Rate Rider Recovery to be used below

12

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non- WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconcilation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,139,763	0	282,139,763	0	0		0.0000	0.0000	0.0002	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	91,548,982	0	91,548,982	0	0		0.0000	0.0000	0.0000	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	278,825,253	621,806	278,825,253	613,195	0		0.0000	0.0000	0.3047	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kW	552,037	0	552,037	0	0		0.0000	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	275,116	764	275,116	764	0		0.0000	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,565,174	6,897	2,565,174	6,897	0		0.0000	0.0000	0.0000	
											0.00



Incentive Rate-setting Mechanism Rate Go for 2020 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2010		2020
OEB-Approved Rate Base	\$ 62,007,908	\$	62,007,908
OEB-Approved Regulatory Taxable Income	\$ 2,476,791	\$	2,476,791
Federal General Rate			15.0%
Federal Small Business Rate			9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}			15.0%
Ontario General Rate			11.5%
Ontario Small Business Rate			3.5%
Ontario Small Business Rate (calculated effective rate) ^{1,2}			11.5%
Federal Small Business Limit		\$	500,000
Ontario Small Business Limit		\$	500,000
Federal Taxes Payable		\$	371,519
Provincial Taxes Payable		\$	284,831
Federal Effective Tax Rate			15.0%
Provincial Effective Tax Rate	-		11.5%
Combined Effective Tax Rate	28.3%		26.5%
Total Income Taxes Payable	\$ 699,693	\$	656,350
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$	-
Income Tax Provision	\$ 699,693	\$	656,350
Grossed-up Income Taxes	\$ 975,183	\$	892,993
Incremental Grossed-up Tax Amount		-\$	82,190
Sharing of Tax Amount (50%)		-\$	41,095

<u>Notes</u>

- 1. Regarding the small business deduction, if applicable,
 - a. If taxable capital exceeds \$15 million, the small business rate will not be applicable.
 - b. If taxable capital is below \$10 million, the small business rate would be applicable.
 - c. If taxable capital is between \$10 million and \$15 million, the appropriate small business rate will be calculated.

2. The OEB's proxy for taxable capital is rate base.

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	29,336	277,978,370	0	14.84	0.0144	0.0000	5,224,155	4,002,889	0	9,227,043	56.6%	43.4%	0.0%	54.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	2,898	93,701,712	0	29.54	0.0193	0.0000	1,027,283	1,808,443	0	2,835,726	36.2%	63.8%	0.0%	16.8%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	402	309,550,101	770,221	133.94	0.0000	4.6203	646,127	0	3,558,652	4,204,779	15.4%	0.0%	84.6%	24.9%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kW	115	374,072	0	17.05	0.0196	0.0000	23,529	7,332	0	30,861	76.2%	23.8%	0.0%	0.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	418	310,359	866	3.15	0.0000	12.0383	15,800	0	10,425	26,226	60.2%	0.0%	39.8%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,453	5,230,133	14,578	3.09	0.0000	15.3423	313,437	0	223,660	537,097	58.4%	0.0%	41.6%	3.2%
Total		41,622	687,144,747	785,665				7,250,331	5,818,663	3,792,737	16,861,732				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,139,763		-22,488	0.00	\$/customer	If the allocated tax sharing amount does not produce a rate rider in one or
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	91,548,982		-6,911	0.0000	kW	more rate class (except for the Standby rate class), a distributor is
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	278,825,253	621,806	-10,248	0.0000	kW	required to transfer the entire OEB-approved tax sharing amount into
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kW	552,037		-75	0.0000	kW	account 1595 for disposition at a later date (see Filing Requirements.
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	275,116	764	-64	0.0000	kW	Appendix B)
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,565,174	6,897	-1,309	0.0000	kW	(ppendix b)
Total		655 906 225	679.467	-\$41.095			

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074	282,139,763	0	1.0383	292,945,716
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068	282,139,763	0	1.0383	292,945,716
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	91,548,982	0	1.0383	95,055,308
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	91,548,982	0	1.0383	95,055,308
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7219	278,825,253	621,806		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3865	278,825,253	621,806		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	552,037	0	1.0383	573,180
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	552,037	0	1.0383	573,180
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0536	275,116	764		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829	275,116	764		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0726	2,565,174	6,897		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8428	2,565,174	6,897		

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Uniform Transmission Rates	Unit	2018			2019 - June 30)	(July	2019 1 - Dec 31)		2020
Rate Description		Rate			Rate		Rate		Rate
Network Service Rate	kW	\$ 3.61	1	\$	3.71	\$	3.83	\$	3.83
Line Connection Service Rate	kW	\$ 0.95	5	\$	0.94	\$	0.96	\$	0.96
Transformation Connection Service Rate	kW	\$ 2.34	4	\$	2.25	\$	2.30	\$	2.30
Hydro One Sub-Transmission Rates	Unit	2018			2019 - June 30)	(July	2019 1 - Dec 31)		2020
Rate Description		Rate			Rate		Rate		Rate
Network Service Rate	kW	\$ 3.1942	2	\$	3.1942	\$	3.2915	\$	3.2915
Line Connection Service Rate	kW	\$ 0.7710)	\$	0.7710	\$	0.7877	\$	0.7877
Transformation Connection Service Rate	kW	\$ 1.7493	3	\$	1.7493	\$	1.9755	\$	1.9755
Both Line and Transformation Connection Service Rate	kW	\$ 2.5203	3	\$	2.5203	\$	2.7632	\$	2.7632
If needed, add extra host here. (I)	Unit	2018			2019				2020
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	2018			2019				2020
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 2018		Cur	rent 2019			F	Forecast 2020

A Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

IESO		Network			Lii	ne Connect	ion		Transfo	rmation Co	nnection		Total	Connection
Month	Units Billed	Rate	Ar	mount	Units Billed	Rate		Amount	Units Billed	Rate	Amou	int		Amount
January	101,659	\$3.66	\$	372,072	113,592	\$0.87	\$	98,825	113,592	\$2.02	\$ 22	9,456	\$	328,281
February	91,231	\$3.66	\$	333,905	94,131	\$0.87	\$	81,894	94,131	\$2.02	\$ 19	0,145	\$	272,039
March	84,811	\$3.66	\$	310,408	87,776	\$0.87	\$	76,365	87,776	\$2.02	\$ 17	7,308	\$	253,673
April	84,567	\$3.66	\$	309,515	87,465	\$0.87	\$	76,095	87,465	\$2.02	\$ 17	6,679	\$	252,774
May	98,608	\$3.66	\$	360,905	101,698	\$0.87	\$	88,477	101,698	\$2.02	\$ 20	5,430	\$	293,907
June	122,935	\$3.66	\$	449,942	137,804	\$0.87	\$	119,889	137,804	\$2.02	\$ 27	8,364	\$	398,254
July	98,608	\$3.66	\$	360,905	101,698	\$0.87	\$	88,477	101,698	\$2.02	\$ 20	5,430	\$	293,907
August	129,302	\$3.66	\$	473,245	142,519	\$0.87	\$	123,992	142,519	\$2.02	\$ 28	7,888	\$	411,880
September	135,820	\$3.66	\$	497,101	137,191	\$0.87	\$	119,356	137,191	\$2.02	\$ 27	7,126	\$	396,482
October	89,505	\$3.66	\$	327,588	94,802	\$0.87	\$	82,478	94,802	\$2.02	\$ 19	1,500	\$	273,978
November	92,638	\$3.66	\$	339,055	101,150	\$0.87	\$	88,001	101,150	\$2.02	\$ 204	4,323	\$	292,324
December	90,274	\$3.66	\$	330,403	97,678	\$0.87	\$	84,980	97,678	\$2.02	\$ 19	7,310	\$	282,289
Total	1,219,958	\$ 3.66	\$4	1,465,046	1,297,504	\$ 0.87	\$	1,128,828	1,297,504	\$ 2.02	\$ 2,62	0,958	\$	3,749,787
Hydro One		Network			Lii	ne Connect	ion		Transfo	rmation Co	nnection		Total	Connection
Month	Units Billed	Rate	Ar	mount	Units Billed	Rate		Amount	Units Billed	Rate	Amou	int		Amount
January	9,759	\$3.1942	\$	31,172	10,378	\$0.7710	\$	8,001	10,378	\$1.7493	\$ 1	8,153	\$	26,155
February	10,118	\$3.1942	\$	32,320	10,623	\$0.7710	\$	8,190	10,623	\$1.7493	\$ 1	8,583	\$	26,773
March	8,436	\$3.1942	\$	26,948	8,718	\$0.7710	\$	6,722	8,718	\$1.7493	\$ 1	5,251	\$	21,973
April	7,190	\$3.1942	\$	22,966	7,720	\$0.7710	\$	5,952	7,720	\$1.7493	\$ 1	3,504	\$	19,456
May	6,635	\$3.1942	\$	21,193	8,051	\$0.7710	\$	6,207	8,051	\$1.7493	\$ 1.	4,084	\$	20,291
June	8,133	\$3.1942	\$	25,979	8,133	\$0.7710	\$	6,271	8,133	\$1.7493	\$ 14	4,227	\$	20,498
July	9,034	\$3.1942	\$	28,857	9,964	\$0.7710	\$	7,682	9,964	\$1.7493	\$ 1	7,430	\$	25,112
August	9,895	\$3.1942	\$	31,606	10,937	\$0.7710	\$	8,432	10,937	\$1.7493	\$ 1	9,132	\$	27,565
September	9,019	\$3.1942	\$	28,808	10,422	\$0.7710	\$	8,035	10,422	\$1.7493	\$ 1	8,230	\$	26,265
October	9,614	\$3.1942	\$	30,709	9,614		\$	7,412	9,614	\$1.7493		6,818	\$	24,230
November	6,612	\$3.1942	\$	21,119	7,273	\$0.7710	\$	5,608	7,273	\$1.7493	\$ 1	2,723	\$	18,330
December	8,531	\$3.1942	\$	27,250	8,561	\$0.7710		6,600	8,561	\$1.7493		4,975	\$	21,575
Total	102.976	\$ 3.1942	¢	328.927	110 303	\$ 0.7710	¢	85,113	110.393	\$ 1.7493	¢ 10	3.110	\$	278,223

Contario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO		Network		Li	ne Connectio	on	Transfo	rmation Con	nection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	4	mount
January	101,659	\$ 3.7100	\$ 377,155	113,592	\$ 0.9400	\$ 106,776	113,592	\$ 2.2500	\$ 255,582	\$	362,358
February	91,231	\$ 3.7100	\$ 338,467	94,131	\$ 0.9400	\$ 88,483	94,131	\$ 2.2500	\$ 211,795	\$	300,278
March	84,811	\$ 3.7100	\$ 314,649	87,776	\$ 0.9400	\$ 82,509	87,776	\$ 2.2500	\$ 197,496	\$	280,005
April	84,567	\$ 3.7100	\$ 313,744	87,465	\$ 0.9400	\$ 82,217	87,465	\$ 2.2500	\$ 196,796	\$	279,013
May	98,608	\$ 3.7100	\$ 365,836	101,698	\$ 0.9400	\$ 95,596	101,698	\$ 2.2500	\$ 228,821	\$	324,417
June	122,935	\$ 3.7100	\$ 456,089	137,804	\$ 0.9400	\$ 129,536	137,804	\$ 2.2500	\$ 310,059	\$	439,595
July	98,608		\$ 377,669	101,698	\$ 0.9600	\$ 97,630	101,698		\$ 233,905	\$	331,535
August		\$ 3.8300	\$ 495,227			\$ 136,818			\$ 327,794	\$	464,612
September		\$ 3.8300	\$ 520,191	137,191	\$ 0.9600	\$ 131,703	137,191		\$ 315,539	\$	447,243
October	89,505		\$ 342,804		\$ 0.9600	\$ 91,010	94,802		\$ 218,045	\$	309,055
November	92,638		\$ 354,804			\$ 97,104	101,150		\$ 232,645	\$	329,749
December	90,274	\$ 3.8300	\$ 345,749	97,678	\$ 0.9600	\$ 93,771	97,678	\$ 2.3000	\$ 224,659	\$	318,430
Total	1,219,958	\$ 3.77	\$ 4,602,382	1,297,504	\$ 0.95	\$ 1,233,155	1,297,504	\$ 2.28	\$ 2,953,136	\$	4,186,290
Hydro One		Network		Li	ne Connectio	on	Transfo	rmation Con	nection	Total	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	F	mount
January	9,759	\$ 3.1942	\$ 31,172	10,378	\$ 0.7710	\$ 8,001	10,378	\$ 1.7493	\$ 18,153	\$	26,155
February	10,118	\$ 3,1942									26,773
		⊅ J.194Z	\$ 32,320	10,623	\$ 0.7710	\$ 8,190	10,623	\$ 1.7493	\$ 18,583	\$	
March		\$ 3.1942 \$ 3.1942	\$ 32,320 \$ 26,948	10,623 8,718		\$ 8,190 \$ 6,722	10,623 8,718		\$ 18,583 \$ 15,251	\$ \$	21,973
March April		\$ 3.1942	\$ 26,948		\$ 0.7710			\$ 1.7493			
	8,436 7,190 6,635	\$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 26,948 \$ 22,966 \$ 21,193	8,718 7,720	\$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 6,722 \$ 5,952 \$ 6,207	8,718	\$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 15,251 \$ 13,504 \$ 14,084	\$	21,973
April May June	8,436 7,190 6,635 8,133	\$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979	8,718 7,720 8,051	\$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 6,722 \$ 5,952 \$ 6,207 \$ 6,271	8,718 7,720	\$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227	\$ \$	21,973 19,456 20,291 20,498
April May	8,436 7,190 6,635 8,133 9,034	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915	\$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979 \$ 29,736	8,718 7,720 8,051 8,133	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877	\$ 6,722 \$ 5,952 \$ 6,207 \$ 6,271 \$ 7,849	8,718 7,720 8,051	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755	\$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227 \$ 19,684	\$ \$ \$	21,973 19,456 20,291 20,498 27,532
April May June	8,436 7,190 6,635 8,133 9,034 9,895	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	 \$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979 \$ 29,736 \$ 32,569 	8,718 7,720 8,051 8,133 9,964 10,937	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877	\$ 6,722 \$ 5,952 \$ 6,207 \$ 6,271 \$ 7,849 \$ 8,615	8,718 7,720 8,051 8,133	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755	\$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227 \$ 19,684 \$ 21,606	\$ \$ \$ \$	21,973 19,456 20,291 20,498 27,532 30,221
April May June July August September	8,436 7,190 6,635 8,133 9,034 9,895 9,019	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979 \$ 29,736 \$ 32,569 \$ 29,685	8,718 7,720 8,051 8,133 9,964 10,937 10,422	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877 \$ 0.7877 \$ 0.7877	\$ 6,722 \$ 5,952 \$ 6,207 \$ 6,271 \$ 7,849 \$ 8,615 \$ 8,209	8,718 7,720 8,051 8,133 9,964 10,937 10,422	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	 \$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227 \$ 19,684 \$ 21,606 \$ 20,588 	· \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	21,973 19,456 20,291 20,498 27,532 30,221 28,797
April May June July August September October	8,436 7,190 6,635 8,133 9,034 9,034 9,895 9,019 9,019 9,614	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979 \$ 29,736 \$ 32,569 \$ 29,685 \$ 31,644	8,718 7,720 8,051 8,133 9,964 10,937 10,422 9,614	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877 \$ 0.7877 \$ 0.7877 \$ 0.7877	\$ 6,722 \$ 5,952 \$ 6,207 \$ 6,271 \$ 7,849 \$ 8,615 \$ 8,209 \$ 7,573	8,718 7,720 8,051 8,133 9,964 10,937 10,422 9,614	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	\$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227 \$ 19,684 \$ 21,606 \$ 20,588 \$ 18,992	• \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	21,973 19,456 20,291 20,498 27,532 30,221 28,797 26,565
April May June July August September October November	8,436 7,190 6,635 8,133 9,034 9,895 9,019 9,614 6,612	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979 \$ 29,736 \$ 32,569 \$ 32,665 \$ 31,644 \$ 21,762	8,718 7,720 8,051 8,133 9,964 10,937 10,422 9,614 7,273	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877 \$ 0.7877 \$ 0.7877 \$ 0.7877 \$ 0.7877 \$ 0.7877	\$ 6,722 \$ 5,952 \$ 6,277 \$ 6,271 \$ 7,849 \$ 8,615 \$ 8,209 \$ 7,573 \$ 5,729	8,718 7,720 8,051 8,133 9,964 10,937 10,422 9,614 7,273	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	 \$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227 \$ 19,684 \$ 21,606 \$ 20,588 \$ 18,992 \$ 14,368 	• \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	21,973 19,456 20,291 20,498 27,532 30,221 28,797 26,565 20,097
April May June July August September October	8,436 7,190 6,635 8,133 9,034 9,034 9,895 9,019 9,019 9,614	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915 \$ 3.2915	\$ 26,948 \$ 22,966 \$ 21,193 \$ 25,979 \$ 29,736 \$ 32,569 \$ 32,665 \$ 31,644 \$ 21,762	8,718 7,720 8,051 8,133 9,964 10,937 10,422 9,614 7,273	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7877 \$ 0.7877 \$ 0.7877 \$ 0.7877	\$ 6,722 \$ 5,952 \$ 6,277 \$ 6,271 \$ 7,849 \$ 8,615 \$ 8,209 \$ 7,573 \$ 5,729	8,718 7,720 8,051 8,133 9,964 10,937 10,422 9,614	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755 \$ 1.9755	 \$ 15,251 \$ 13,504 \$ 14,084 \$ 14,227 \$ 19,684 \$ 21,606 \$ 20,588 \$ 18,992 \$ 14,368 	• \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	21,973 19,456 20,291 20,498 27,532 30,221 28,797 26,565

Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO	IESO Network		Li	n	Transfo	nnection	Total Connection				
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amour	nt
January	101,659	\$ 3.8300 \$	389,354	113,592	\$ 0.9600	\$ 109,048	113,592	\$ 2.3000	\$ 261,262	\$ 37	70,310
February	91,231	\$ 3.8300 \$	349,415	94,131	\$ 0.9600	\$ 90,366	94,131	\$ 2.3000	\$ 216,501	\$ 30	06,867
March	84,811	\$ 3.8300 \$	324,826	87,776	\$ 0.9600	\$ 84,265	87,776	\$ 2.3000	\$ 201,885	\$ 28	86,150
April	84,567	\$ 3.8300 \$	323,892	87,465	\$ 0.9600	\$ 83,966	87,465	\$ 2.3000	\$ 201,170	\$ 28	85,136
May	98,608	\$ 3.8300 \$	377,669	101,698	\$ 0.9600	\$ 97,630	101,698	\$ 2.3000	\$ 233,905	\$ 33	31,535
June	122,935	\$ 3.8300 \$	470,841	137,804	\$ 0.9600	\$ 132,292	137,804	\$ 2.3000	\$ 316,949	\$ 44	49,241
July	98,608	\$ 3.8300 \$	377,669	101,698	\$ 0.9600	\$ 97,630	101,698	\$ 2.3000	\$ 233,905	\$ 33	31,535
August	129,302	\$ 3.8300 \$	495,227	142,519	\$ 0.9600	\$ 136,818	142,519	\$ 2.3000	\$ 327,794	\$ 46	64,612
September	135,820	\$ 3.8300 \$	520,191	137,191	\$ 0.9600	\$ 131,703	137,191	\$ 2.3000	\$ 315,539	\$ 44	47,243
October	89,505	\$ 3.8300 \$	342,804	94,802	\$ 0.9600	\$ 91,010	94,802	\$ 2.3000	\$ 218,045	\$ 30	09,055
November	92,638	\$ 3.8300 \$	354,804	101,150	\$ 0.9600	\$ 97,104	101,150	\$ 2.3000	\$ 232,645	\$ 32	29,749
December	90,274	\$ 3.8300 \$	345,749	97,678	\$ 0.9600	\$ 93,771	97,678	\$ 2.3000	\$ 224,659	\$ 31	18,430
Total	1,219,958	\$ 3.83 \$	4,672,439	1,297,504	\$ 0.96	\$ 1,245,604	1,297,504	\$ 2.30	\$ 2,984,259	\$ 4,22	29,863
Hydro One		Network		Li	ne Connectio	n	Transfo	rmation Cor	nnection	Total Conn	ection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amour	nt
January	9,759	\$ 3.2915 \$	32,122	10,378	\$ 0.7877	\$ 8,174	10,378	\$ 1.9755	\$ 20,501	\$ 2	28,675
February	10,118	\$ 3.2915 \$	33,305	10,623	\$ 0.7877	\$ 8,368	10,623	\$ 1.9755	\$ 20,986	\$ 2	29,354
March	8,436	\$ 3.2915 \$	27,769	8,718	\$ 0.7877	\$ 6,868	8,718	\$ 1.9755	\$ 17,223	\$ 2	24,091
April	7,190	\$ 3.2915 \$	23,666	7,720	\$ 0.7877	\$ 6,081	7,720	\$ 1.9755	\$ 15,250	\$ 2	21,331
May	6,635	\$ 3.2915 \$	21,839	8,051	\$ 0.7877	\$ 6,342	8,051	\$ 1.9755	\$ 15,905	\$ 2	22,246
June	8,133	\$ 3.2915 \$	26,770	8,133	\$ 0.7877	\$ 6,406	8,133	\$ 1.9755	\$ 16,067	\$ 2	22,474
July	9,034	\$ 3.2915 \$	29,736	9,964	\$ 0.7877	\$ 7,849	9,964	\$ 1.9755	\$ 19,684	\$ 2	27,532
August	9,895	\$ 3.2915 \$	32,569	10,937	\$ 0.7877	\$ 8,615	10,937	\$ 1.9755	\$ 21,606	\$ 3	30,221
September	9,019	\$ 3.2915 \$	29,685	10,422	\$ 0.7877	\$ 8,209	10,422	\$ 1.9755	\$ 20,588	\$ 2	28,797
October	9,614	\$ 3.2915 \$	31,644	9,614	\$ 0.7877	\$ 7,573	9,614	\$ 1.9755	\$ 18,992	\$ 2	26,565
November	6,612	\$ 3.2915 \$	21,762	7,273	\$ 0.7877	\$ 5,729	7,273	\$ 1.9755	\$ 14,368	\$ 2	20,097
December	8,531	\$ 3.2915 \$	28,080	8,561	\$ 0.7877	\$ 6,743	8,561	\$ 1.9755	\$ 16,911	\$ 2	23,655
Total	102.976	\$ 3.29 \$	338,946	110.393	\$ 0.79	\$ 86.957	110.393	\$ 1.98	\$ 218.081	\$ 30	05.038

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification 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 Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kW	0.0074 0.0068 2.7219 0.0067 2.0536 2.0726	292,945,716 95,055,308 573,180	0 0 621,806 0 764 6,897	2,167,798 646,376 1,692,494 3,840 1,569 14,295	47.9% 14.3% 37.4% 0.1% 0.0% 0.3%	2,364,189 704,934 1,845,824 4,188 1,711 15,590	0.0081 0.0074 2.9685 0.0073 2.2396 2.2604
The purpose of this table is to re-align the current RT Rate Class	S Connection Rates to recover current wholesale connection costs. 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 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 - 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 Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW	0.0068 0.0061 2.3865 0.0061 1.8829 1.8428	292,945,716 95,055,308 573,180	0 0 621,806 0 764 6,897	1,992,031 579,837 1,483,940 3,496 1,439 12,710	48.9% 14.2% 36.4% 0.1% 0.0% 0.3%	2,190,014 637,466 1,631,425 3,844 1,582 13,973	0.0075 0.0067 2.6237 0.0067 2.0700 2.0260
The purpose of this table is to update the re-aligned I Rate Class	RTS Network Rates to recover future wholesale network costs. Rate Description	Unit	Adjusted RTSR Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification 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 Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kW \$/kW	0.0081 0.0074 2.9685 0.0073 2.2396 2.2604	292,945,716 95,055,308 573,180	0 0 621,806 0 764 6,897	2,364,189 704,934 1,845,824 4,188 1,711 15,590	47.9% 14.3% 37.4% 0.1% 0.0% 0.3%	2,400,084 715,637 1,873,849 4,252 1,737 15,826	0.0082 0.0075 3.0136 0.0074 2.2737 2.2947

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

Rate Class	Rate Description	Unit	Adjusted RTSR Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	RTSR- Connection	
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0075	292,945,716	0	2,190,014	48.9%	2,217,692	0.0076	
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	95,055,308	0	637,466	14.2%	645,522	0.0068	
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6237		621,806	1,631,425	36.4%	1,652,043	2.6568	
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	573,180	0	3,844	0.1%	3,892	0.0068	
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0700		764	1,582	0.0%	1,601	2.0962	
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0260		6,897	13,973	0.3%	14,150	2.0516	

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Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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



Rate Class	Current MFC	MFC Adjustment from R/C Model		DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	27.61	0.9300			0.90%	28.80	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	31.01	0.0000	0.0203		0.90%	31.29	0.0205
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	140.62	0.0000	4.8511		0.90%	141.89	4.8948
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	17.91	-9.4300	0.0206	-0.0108	0.90%	8.56	0.0099
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.3	-1.0000	12.6396	-3.8330	0.90%	2.32	8.8859
STREET LIGHTING SERVICE CLASSIFICATION	3.24	-2.4400	16.1088	-12.1159	0.90%	0.81	4.0288
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

application			
Regulatory Charges			
Effective Date of Regulatory Charges		January 1, 2019	January 1, 2020
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1340

Smart	Meter	Entity	Charge	(SME))
Cmart	Motor	Entity	Chargo	CIVE)	

Smart Meter Entity Charge (SME)	\$	0.57
	-	
Distribution Rate Protection (DRP) Amount (Applicable to LDCs under		
the Distribution Rate Protection program):	\$	36.86

Miscellaneous Service Charges

Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** [/] ***
Specific charge for access to the power poles - per pole/year	\$	43.63	1.50%	44.28
Retail Service Charges		Current charge	Inflation factor*	Proposed charge ***
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	1.50%	101.50
Monthly fixed charge, per retailer	\$	40.00	1.50%	40.60
Monthly variable charge, per customer, per retailer	\$/cust.	1.00	1.50%	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60	1.50%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)	1.50%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.50	1.50%	0.51
Processing fee, per request, applied to the requesting party	\$	1.00	1.50%	1.02
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	\$	4.00	1.50%	4.06
Notice of switch letter charge, per letter	s	2.00	1.50%	2.03

inflation factor subject to change pending OEB approved inflation rate effective in 2020
 ** applicable only to LDCs in which the province-wide pole attachment charge applies
 *** subject to change pending OEB order on miscellaneous service charges

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

In the Green Cells below, enter all proposed rate riders/rates. Please note that the following rates/charges are to be entered in the Final Tariff Schedule tab: Monthly Service Charge, Distribution Volumetric Rate and Retail Transmission Rates.

In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description 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, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-Total A refers to rates/rate riders that Not considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-Total B refers to rates/rate riders that are considered as pass through costs (eg: LRAMVA and ICM/ACM rate riders). Sub-Total B refers to rates/rate riders that are considered pass through costs.

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)	SI
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

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GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

SENTINEL LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

- effective until
- effective until
- effective until - effective until
- effective until

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STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
microFIT SERVICE CLASSIFICATION	UNIT	RATE		DATE (EG: April 30, 2020)

MICROFIL SERVICE CLASSIFICATION	UNIT	RAIE		DATE (EG: April 30, 2020)
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	
			- effective until	

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.80
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0082
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0076

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0205
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068
MONTHLY RATES AND CHARGES - Regulatory Component		
	0 // 10 //	

Wholesale Market Service Rate (WMS) - not including CBR\$/kWh0.0030Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWh0.0004Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.0005Standard Supply Service - Administrative Charge (if applicable)\$0.25

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered.

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

APPLICATION

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

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to 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 Global Adjustment and the HST.

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

Service Charge	\$	141.89
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8948
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020	0) -	
effective until April 30, 2021	\$/kW	0.3047
Distribution Volumetric Rate - Interval Meter	\$/kW	4.8948
Retail Transmission Rate - Network Service Rate	\$/kW	3.0136
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6568

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less 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 Global Adjustment and the HST.

Service Charge Distribution Volumetric Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kWh \$/kWh \$/kWh	8.56 0.0099 0.0074 0.0068
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	2.32
Distribution Volumetric Rate	\$/kW	8.8859
Retail Transmission Rate - Network Service Rate	\$/kW	2.2737
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0962
MONTHLY RATES AND CHARGES - Regulatory Component		

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

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge Distribution Volumetric Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW	0.81 4.0288 2.2947 2.0516
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.85)
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 Global Adjustment and the HST.

Customer Administration	
Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement letter	\$ 15.00
Account history	\$ 15.00

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

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Credit reference letter	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable) - residential	\$	26.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account (See Note Below)		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	23.00
Disconnect/reconnect at meter - during regular hours	\$	50.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	50.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service - install & remove - underground - no transformer	\$	500.00
Temporary service - install & remove - overhead - no transformer	\$	300.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments	\$	44.28
NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the	e Non-Pavn	ent of Account

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	101.50
Monthly Fixed Charge, per retailer	\$	40.60
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		

Effective and Implementation Date May 1, 2020

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

Request fee, per request, applied to the requesting party	\$ 0.51
Processing fee, per request, applied to the requesting party	\$ 1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail	
Settlement Code directly to retailers and customers, if not delivered electronically through the	
Electronic Business Transaction (EBT) system, applied to the requesting party	
Up to twice a year	\$ no charge
More than twice a year, per request (plus incremental delivery costs)	\$ 4.06
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$ 2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be imple	emented
upon the first subsequent billing for each billing cycle.	
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0383
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0279



Incentive Rate-setting Mechanism Rate Generator for 2020 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 face 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 2018 of \$0.1117/kWh (IESO's Monthly Market Report for May 2018, 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.

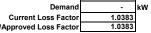
Table 1

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	1.0383	1.0383	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		RPP	1.0383	1.0383	2,000		CONSUMPTION	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0383	1.0383	237,500	500	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	1.0383	1.0383	200		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION		RPP	1.0383	1.0383	475	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0383	1.0383	474,500	1,000	DEMAND	1
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				
Add additional scenarios if required			1.0383	1.0383				

Table 2

RATE CLASSES / CATEGORIES			Total						
(eg: Residential TOU, Residential Retailer)	Units	A		В		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP									Í
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP									Í
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)									ſ
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP									ſ
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP									ſ
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)									
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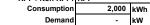
		SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP	
Consumption	750	kWh



Proposed/Approved Loss Factor

	Current C	EB-Approve	d		Proposed	1	In	npact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 27.61	1	\$ 27.61	\$ 28.80	1	\$ 28.80	\$ 1.19	4.31%	
Distribution Volumetric Rate	\$-	750	\$-	\$-	750	\$-	\$-		
Fixed Rate Riders	\$ (1.80)) 1	\$ (1.80)	\$ -	1	\$-	\$ 1.80	-100.00%	
Volumetric Rate Riders	\$ 0.0005	750	\$ 0.38	\$ 0.0002	750	\$ 0.15	\$ (0.23)	-60.00%	
Sub-Total A (excluding pass through)			\$ 26.19			\$ 28.95	\$ 2.77	10.56%	
Line Losses on Cost of Power	\$ 0.0824	29	\$ 2.37	\$ 0.0824	29	\$ 2.37	\$-	0.00%	
Total Deferral/Variance Account Rate	-\$ 0.0017	750	\$ (1.28)	e	750	s -	\$ 1.28	-100.00%	
Riders			,			ə -	-		
CBR Class B Rate Riders	\$ 0.0009	750	\$ 0.68	\$ -	750	\$-	\$ (0.68)	-100.00%	
GA Rate Riders	\$-	750	\$-	\$-	750	\$-	\$-		
Low Voltage Service Charge	\$-	750	\$-		750	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$-	0.00%	
Additional Fixed Rate Riders	\$-	1	\$-	\$ -	1	\$-	\$-		
Additional Volumetric Rate Riders		750	\$-	\$ -	750	\$-	\$-		
Sub-Total B - Distribution (includes Sub-			\$ 28.52			\$ 31.89	\$ 3.37	11.80%	
Total A)			ə 20.52			ə 31.09	\$ 3.37	11.00%	
RTSR - Network	\$ 0.0074	779	\$ 5.76	\$ 0.0082	779	\$ 6.39	\$ 0.62	10.81%	In the manager's summary, discuss the reason
RTSR - Connection and/or Line and	\$ 0.0068	779	\$ 5.30	\$ 0.0076	779	\$ 5.92	\$ 0.62	11.76%	
Transformation Connection	\$ 0.0088	119	φ <u>0.30</u>	\$ 0.0076	115	φ 5.52	ş 0.02	11.70%	In the manager's summary, discuss the reason
Sub-Total C - Delivery (including Sub-			\$ 39.58			\$ 44.19	\$ 4.61	11.65%	
Total B)			φ 33.30			ψ 44.15	φ 4 .01	11.05 /8	
Wholesale Market Service Charge	\$ 0.0034	779	\$ 2.65	\$ 0.0034	779	\$ 2.65	¢	0.00%	
(WMSC)	* 0.0004	110	φ 2.00	• 0.0004		φ 2.00	Ŷ	0.0076	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	779	\$ 0.39	\$ 0.0005	779	\$ 0.39	s -	0.00%	
			•			•			
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25			\$ 0.25		0.00%	
TOU - Off Peak	\$ 0.0650	488	\$ 31.69		488	\$ 31.69		0.00%	
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99		128	\$ 11.99		0.00%	
TOU - On Peak	\$ 0.1340	135	\$ 18.09	\$ 0.1340	135	\$ 18.09	\$-	0.00%	
									Į.
Total Bill on TOU (before Taxes)			\$ 104.63			\$ 109.24		4.41%	
HST	13%		\$ 13.60	13%		\$ 14.20		4.41%	
8% Rebate	8%		\$ (8.37)	8%		\$ (8.74)			
Total Bill on TOU			\$ 109.86			\$ 114.70	\$ 4.84	4.41%	1
									l

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



Current Loss Factor 1.0383 Proposed/Approved Loss Factor 1.0383

	Current O	EB-Approved	ł		Proposed	ł	In	npact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 31.01	1	\$ 31.01	\$ 31.29	1	\$ 31.29	\$ 0.28	0.90%	
Distribution Volumetric Rate	\$ 0.0203	2000	\$ 40.60	\$ 0.0205	2000	\$ 41.00	\$ 0.40	0.99%	
Fixed Rate Riders	\$ -	1	\$-	\$ -	1	\$-	\$-		
Volumetric Rate Riders	-\$ 0.0012	2000	\$ (2.40)	\$ -	2000	\$-	\$ 2.40	-100.00%	
Sub-Total A (excluding pass through)			\$ 69.21			\$ 72.29	\$ 3.08	4.45%	
Line Losses on Cost of Power	\$ 0.0824	77	\$ 6.31	\$ 0.0824	77	\$ 6.31	\$	0.00%	
Total Deferral/Variance Account Rate	-\$ 0.0018	2,000	\$ (3.60)	•	2,000	s -	\$ 3.60	-100.00%	
Riders				· ·	2,000	ə -	р 3.00	-100.00%	
CBR Class B Rate Riders	\$ 0.0009	2,000	\$ 1.80	\$ -	2,000		\$ (1.80)	-100.00%	
GA Rate Riders	\$-	2,000	\$-	\$-	2,000	\$-	\$-		
Low Voltage Service Charge	\$-	2,000	\$-		2,000	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$-	0.00%	
Additional Fixed Rate Riders	\$ -	1	\$-	\$ -	1	\$-	\$-		
Additional Volumetric Rate Riders		2,000	\$-	\$ -	2,000	\$-	\$-		
Sub-Total B - Distribution (includes Sub-			\$ 74.29			\$ 79.17	\$ 4.88	6.57%	
Total A)			ə 14.29			ə /9.1/	ə 4.00	0.57%	
RTSR - Network	\$ 0.0068	2,077	\$ 14.12	\$ 0.0075	2,077	\$ 15.57	\$ 1.45	10.29%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and	\$ 0.0061	2,077	\$ 12.67	\$ 0.0068	2,077	\$ 14.12	\$ 1.45	11.48%	
Transformation Connection	\$ 0.0081	2,077	φ 12.07	\$ 0.0008	2,077	φ 14.12	φ 1. 4 5	11.40 /0	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-			\$ 101.08			\$ 108.86	\$ 7.79	7.70%	
Total B)			ş 101.00			φ 108.86	\$ 1.15	1.10%	
Wholesale Market Service Charge	\$ 0.0034	2,077	\$ 7.06	\$ 0.0034	2,077	\$ 7.06	¢ .	0.00%	
(WMSC)	• 0.0004	2,077	φ 1.00	¢ 0.0004	2,011	ψ 1.00	Ŷ	0.0070	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	2,077	\$ 1.04	\$ 0.0005	2,077	\$ 1.04	s -	0.00%	
		2,077				1	Ŷ		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25		-	\$ 0.25	\$-	0.00%	
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50		1,300		\$-	0.00%	
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96		340		\$-	0.00%	
TOU - On Peak	\$ 0.1340	360	\$ 48.24	\$ 0.1340	360	\$ 48.24	\$-	0.00%	
				-					Į.
Total Bill on TOU (before Taxes)			\$ 274.12			\$ 281.91		2.84%	
HST	13%	1	\$ 35.64	13%		\$ 36.65		2.84%	
8% Rebate	8%		\$ (21.93)	8%		\$ (22.55)			
Total Bill on TOU			\$ 287.83			\$ 296.01	\$ 8.18	2.84%	l

Customer Class:	GENERAL SER	ENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION								
RPP / Non-RPP:	Non-RPP (Othe	n-RPP (Other)								
Consumption	237,500	kWh								
Demand	500	kW								
Current Loss Factor	1.0383									
Proposed/Approved Loss Factor	1.0383									

	Current O	EB-Approve	đ		Proposed	1	In	ipact]
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 140.62		\$ 140.62			\$ 141.89		0.90%	
Distribution Volumetric Rate	\$ 4.8511	500		\$ 4.8948	500	\$ 2,447.40	\$ 21.85	0.90%	
Fixed Rate Riders	\$-	1	\$-	\$-	1	\$-	\$-		
Volumetric Rate Riders	-\$ 0.7382	500		\$ 0.3047	500			-141.28%	
Sub-Total A (excluding pass through)			\$ 2,197.07			\$ 2,741.64	\$ 544.57	24.79%	
Line Losses on Cost of Power	\$-	-	\$-	\$-	-	\$-	\$-		
Total Deferral/Variance Account Rate	-\$ 0.6745	500	\$ (337.25)	e .	500	s -	\$ 337.25	-100.00%	
Riders				Ψ -		Ψ -			
CBR Class B Rate Riders	\$ 0.2928	500	\$ 146.40	\$-	500	\$-	\$ (146.40)	-100.00%	
GA Rate Riders	\$ 0.0052	237,500	\$ 1,235.00	\$-	237,500	\$-	\$ (1,235.00)	-100.00%	
Low Voltage Service Charge	\$-	500	\$-		500	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$-	1	\$-	\$-	1	\$-	\$-		
Additional Fixed Rate Riders	\$-	1	\$-	\$-	1	\$-	\$-		
Additional Volumetric Rate Riders		500	\$-	\$ -	500	\$-	\$-		
Sub-Total B - Distribution (includes Sub-			\$ 3,241.22			\$ 2,741.64	\$ (499.58)	-15.41%	
Total A)									
RTSR - Network	\$ 2.7219	500	\$ 1,360.95	\$ 3.0136	500	\$ 1,506.80	\$ 145.85	10.72%	In the manager's summary, discuss the reason
RTSR - Connection and/or Line and	\$ 2.3865	500	\$ 1,193.25	\$ 2.6568	500	\$ 1,328.40	\$ 135.15	11.33%	
Transformation Connection	\$ 2.3005	500	φ 1,193.25	φ 2.0500	500	φ 1,320.40	φ 155.15	11.33 //	In the manager's summary, discuss the reason
Sub-Total C - Delivery (including Sub-			\$ 5,795.42			\$ 5,576.84	\$ (218.58)	-3.77%	
Total B)			φ <u> </u>			φ 3,570.04	φ (210.30)	-5.1178	
Wholesale Market Service Charge	\$ 0.0034	246,596	\$ 838.43	\$ 0.0034	246.596	\$ 838.43	\$.	0.00%	
(WMSC)	* 0.0004	240,000	φ 000.40	¢ 0.0004	240,000	φ 000.40	Ŷ	0.0070	
Rural and Remote Rate Protection (RRRP)	\$ 0.0005	246,596	\$ 123.30	\$ 0.0005	246,596	\$ 123.30	\$.	0.00%	
					240,000		-		
Standard Supply Service Charge	\$ 0.25		\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1101	246,596	\$ 27,150.25	\$ 0.1101	246,596	\$ 27,150.25	\$-	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 33,907.64			\$ 33,689.06		-0.64%	
HST	13%		\$ 4,407.99	13%		\$ 4,379.58		-0.64%	
Total Bill on Average IESO Wholesale Market Price			\$ 38,315.64			\$ 38,068.64	\$ (247.00)	-0.64%	

Customer Class: UNME	TERED SCATTERE	D LOAD SERVICE CL	ASSIFICATIC	N]				
RPP / Non-RPP: RPP											
Consumption	200 kWh										
Demand	- kW										
Current Loss Factor	1.0383										
Proposed/Approved Loss Factor	1.0383										
			EB-Approved			Propose			Im	pact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	e	\$ Change	% Change	
Monthly Service Charge	e	(*) 17.91	1			e 1	(\$) \$	8.56		-52.21%	
Distribution Volumetric Rate	a e	0.0206	200						\$ (9.33) \$ (2.14)	-51.94%	
Fixed Rate Riders	\$	0.0200	200	\$ 4.12 \$ -	\$ 0.003	5 200	ф ф	1.90	\$ (2.14) \$ -	-01.94 /0	
Volumetric Rate Riders	-\$	0.0029	200		\$ - \$ -	200	¢ ¢		\$ - \$ 0.58	-100.00%	
Sub-Total A (excluding pass through)	-ə	0.0029	200	\$ (0.56) \$ 21.45	÷ -	200	۵ ۵	10.54	\$ (10.91)	-100.00%	
Line Losses on Cost of Power	\$	0.0824	8	\$ 21.45 \$ 0.63	\$ 0.082	4 0	\$ \$	0.63	\$ (10.91) \$ -	-50.86%	
Total Deferral/Variance Account Rate	Ŷ	0.0824						0.03	φ -	0.00%	
Riders	-\$	0.0018	200	\$ (0.36)	\$-	200	\$	-	\$ 0.36	-100.00%	
CBR Class B Rate Riders		0.0009	200	\$ 0.18	s -	200	*		\$ (0.18)	-100.00%	
GA Rate Riders	э ¢	0.0009		\$ 0.10 \$ -	\$ - \$ -	200	ф Ф	-	\$ (0.16) \$ -	-100.00%	
	a a	-	200	» - Տ -	ə -	200	¢.	-	s -		
Low Voltage Service Charge Smart Meter Entity Charge (if applicable)	a a	-	200	ъ - \$-	s -	200	¢.	-	s -		
Additional Fixed Rate Riders	э с	-	1	» - Տ -	» - Տ -		ф ф	-	s -		
	Þ	-	200	\$- \$-	> -	200	\$	-	s -		
Additional Volumetric Rate Riders			200	\$ -	ə -	200	\$		ş -		
Sub-Total B - Distribution (includes Sub- Total A)				\$ 21.90			\$		\$ (10.73)	-48.99%	
RTSR - Network	\$	0.0067	208	\$ 1.39	\$ 0.007	4 208	\$	1.54	\$ 0.15	10.45%	In the manager's summary, discuss the re
RTSR - Connection and/or Line and	e	0.0061	208	\$ 1.27	\$ 0.006	8 208	\$	1.41	\$ 0.15	11 / 00/	
Transformation Connection	ş	0.0001	200	φ 1.27	\$ 0.000	200	\$	1.41	φ 0.15	11.40 //	In the manager's summary, discuss the re
Sub-Total C - Delivery (including Sub-				\$ 24.56			\$	14.12	\$ (10.44)	-42.51%	
Total B)				φ 24.50			φ	14.12	ş (10.44)	-42.51/6	
Wholesale Market Service Charge	\$	0.0034	208	\$ 0.71	\$ 0.003	4 208	\$	0.71	s -	0.00%	
(WMSC)	Ý	0.0034	200	ψ 0.71	÷ 0.003	200	Ť	0.71	Ψ -	0.00 %	
Rural and Remote Rate Protection (RRRP)	\$	0.0005	208	\$ 0.10	\$ 0.000	5 208	\$	0.10	s -	0.00%	
Standard Supply Service Charge	\$	0.25	1					0.25	\$ -	0.00%	
TOU - Off Peak	ŝ	0.0650	130				•		ş - S -	0.00%	
TOU - Mid Peak	e e	0.0940		\$ 3.20			¢	3.20	ş - S -	0.00%	
TOU - On Peak	÷	0.0940		\$ 3.20 \$ 4.82			¢	4.82		0.00%	
	¢ ا	0.1340	36	ə 4.82	ο υ.13 4	u 36	φ	4.82	ә -	0.00%	
Total Bill on TOU (before Taxes)	-			\$ 42.09	1		e	31.65	\$ (10.44)	-24.80%	
HST		13%		\$ 42.09 \$ 5.47	13	0/	\$	4.11		-24.80% -24.80%	
Total Bill on TOU		13%		\$ 47.56	13	/0	¢	35.76	\$ (11.80) \$ (11.80)	-24.80%	
				φ 47.56		_	Ψ	35.70	÷ (11.00)	-24.00%	

RPP / Non-RP: Pro- Denand Total Structure N/h Non Structure N/h N			HTING	SERVICE CLASSIFICATIO	N]					
Demand Current Los Factor Northy 10333 Proposed/Approved Los Factor Northy 10333 Northy 103333	RPP / Non-RPP:										-					
Durine Loss Factor 1.0383 Monthly Survice Charge Current CEB Approved Proposed/Approved State Volume Charge 5 Scharge %, Charge % %, Charge % %, Charge %<	Consumption	475	kWh													
Proposed/Approved Loss Factor Instant Current CEB-Approved Proposed Charge Instant Monthly Service Charge S 3.3.0 IS Scharge Instant Monthly Service Charge Scharge Instant	Demand	1	kW													
Proposed/Approved Loss Factor Instant Current OEB-Approved Proposed Charge Instant Monthly Service Charge Solver Charge Instant Colspan="2">Instant Colspan="2" Monthly Service Charge Solver Colspan="2" Instant Colspan="2"	Current Loss Factor	1.0383														
Northly Sarvice Charge Current OEB-Approved Proposed Image: Transmission of the manager's summary, discuss the reason of the first service Charge S Output S Output S Output S Output S Output Note of the first service Charge Note of the manager's summary, discuss the reason of the first service Charge Note of the manager's summary, discuss the reason of the manager's summary, discuss the reason of the first service Charge S Output S Output S Output S Output Note of the first service Charge <	Proposed/Approved Loss Factor															
Rate (s) Volume (s) Charge (s) Charge (s) Charge (s) Charge (s) Charge (s) Scharge (s) Sc																
(s) (s) (s) (s) (s) S Change %, Change Distribution Volumetric Rate \$ 12,336 1 \$ 3.30 \$ 2.32 (s) 2.23 (s) 2.207% 5 0.000% 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>d</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td>lm</td><td>pact</td><td></td></t<>						d					1			lm	pact	
Monthy Service Charge S 3.30 I S 3.30 S 2.32 I S 2.32 S 0.001 -					Volume					Volume						
Distriction Volumetric Pate \$ 1 \$ 1.26.386 1 \$ 1.26.4 \$ 8.88.9 1 \$ 0.75 \$ 0.27.0% Volumetric Rate Riders \$ 0.00028 1 \$ 0.000 \$ 1 \$ - \$ 0.00 - 1.10 \$ - \$ 0.00 - 1.10 \$ - 1.10 \$ - 0.00 - 1.10 \$ - 0.00 - 1.10 \$ - 0.00 - 1.10 \$ - 0.00 - 1.00 0.00 Concert \$ 0.00% 0.00 1 \$ 0.00 - 0.00 - 0.00% - 1 \$ - 0.00% 0.00% 0.00 5 - 1 \$ - \$ 0.00 0.00% </td <td></td>																
Fixed Rate Riders \$ - 1 \$ - 1 \$ - \$ - 0 Sub-Total A cackuding pass through) - \$ 15.94 - \$ 11.21 \$ (7.3) - 23.85 - - 100.00% Sub-Total A cackuding pass through) - \$ 15.94 - \$ 11.21 \$ (4.73) -23.85% - <th< td=""><td></td><td></td><td>\$</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>			\$		1											
Volumetric Rate Riders \$ 0.0028 1 \$ 0.002 \$ 1 \$ 0.000 -100.00% Sub-Total Account Rate \$ 0.0824 18 \$ 1.21 \$ (473) -22.95% Line Losses on Cost of Power \$ 0.0824 18 \$ 0.002 \$ 1 \$ - 0.000% Call Deferrit/Variance Account Rate \$ 0.0004 \$ - 1 \$ - 0.000 CBR Class B Rate Riders \$ 0.0009 \$ - 1 \$ - \$ 0.000 CA Rate Riders \$ 0.0009 \$ - 1 \$ - \$ - 0.000 CA Rate Riders \$ - 1 \$ - \$ - 1 \$ - \$ - 100 - 0.000 \$ - 1 \$ - \$ - 100.000 \$ - 0.000			\$	12.6396	1		12.64	\$	8.8859	1	\$	8.89		(3.75)	-29.70%	
Sub-Total A (sociuding pass through) Image: Sub-Total			\$.	1	-		\$	-	1	\$	-		-		
Line Losses on Cost of Power \$ 0.0824 18 \$ 1.50			-\$	0.0028	1			\$	-	1		-	\$			
Total Defermal/Variance Account Rate \$ 0.0018 1 \$ 0.000 \$ - 1 \$ 0.00 1 0.000 1 0.000 1 0.000 1 0.000 1 \$ 0.000 1 \$ 0.000 1 \$ 0.000 \$ 0.000 1 \$ 0.000 \$ 0.000 1 \$ 0.000 \$ 0.000 1 \$ 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 \$ 0.000 \$ 0.000<						Ŧ					Ŧ		\$	(4.73)		
Piders Converting S 0.0018 1 S (0.00) S - 1 S - S 0.000 - - 0.000 - - S 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 - 0.000 - 0.000 - 0.000 - 0.0000 0.0000 0.0000 <td></td> <td></td> <td>\$</td> <td>0.0824</td> <td>18</td> <td>\$</td> <td>1.50</td> <td>\$</td> <td>0.0824</td> <td>18</td> <td>\$</td> <td>1.50</td> <td>\$</td> <td>-</td> <td>0.00%</td> <td></td>			\$	0.0824	18	\$	1.50	\$	0.0824	18	\$	1.50	\$	-	0.00%	
CBR Class B Rate Riders \$ 0.000 \$ - 1 \$ - \$ (0.00) 0.00% -100.00% CAR class B Rate Riders \$ - 1 \$ - 775 \$ - \$ 0.000 \$ - \$ 0.000 - 0.000% - 0.000% - 0.000% 0.000% - 0.000% - 0.000% - 0.000% - 0.000% <td></td> <td></td> <td>-\$</td> <td>0.0018</td> <td>1</td> <td>\$</td> <td>(0.00)</td> <td>\$</td> <td>-</td> <td>1</td> <td>\$</td> <td>-</td> <td>\$</td> <td>0.00</td> <td>-100.00%</td> <td></td>			-\$	0.0018	1	\$	(0.00)	\$	-	1	\$	-	\$	0.00	-100.00%	
GA Rate Riders S - 475 S -				0.0000	4		0.00							(0,00)	400.00%	
Low Voltage Service Charge \$ - 1 \$ - 1 \$ - \$ - 1 \$ - \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - \$ - 1 \$ - \$ - \$ - \$ - 1 \$ - \$ - \$ - \$ - 1 \$ - \$ - \$ - 1 \$ - \$ - 1 \$ - 1 \$ -			\$	0.0009			0.00	\$	-		\$	-		(0.00)	-100.00%	
Smart Meter Entity Charge (if applicable) \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - </td <td></td> <td></td> <td>Þ</td> <td>-</td> <td>4/5</td> <td></td> <td>-</td> <td>Þ</td> <td>-</td> <td>4/5</td> <td>ð ¢</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td>			Þ	-	4/5		-	Þ	-	4/5	ð ¢	-	-	-		
Additional Fixed Rate Riders \$ - 1 \$ - 1 \$ - \$ - 1 \$ - 1 \$ - 1 \$ - 1 <th< td=""><td></td><td></td><td>ф ¢</td><td>-</td><td>1</td><td></td><td>-</td><td></td><td></td><td>1</td><td>ф ¢</td><td>-</td><td>¢ ¢</td><td>-</td><td></td><td></td></th<>			ф ¢	-	1		-			1	ф ¢	-	¢ ¢	-		
Additional Volumetric Rate Riders I I S S I S S I S S I S I S I S I S I S I S I S I S I S I S I S I I S I S I I S I S I I S I S I S I I S I I S I I S I S I I S I S I S I S I S I S I S I S I I S I S I S I S I S I S I S I S I S I S I S I S I S I S I S I S I S I S I S			э ¢	-	1	-	-	ф с	-	1	ф ¢	-	ф Ф	-		
Sub-Total B - Distribution (includes Sub- Total A) \$ 17.43 \$ 12.70 \$ (4.73) -27.13% RTSR - Network \$ 2.0536 1 \$ 2.0536 1 \$ 2.2737 1 \$ 2.277 0.22 10.72% In the manager's summary, discuss the reason and ransformation Connection \$ 1.8829 1 \$ 1.88 \$ 2.0962 1 \$ 2.270 \$ 0.21 11.33% In the manager's summary, discuss the reason and ransformation Connection \$ 1.8829 1 \$ 1.88 \$ 2.0962 1 \$ 0.21 11.33% In the manager's summary, discuss the reason and the manager's summary, discuss the reason summary, discuss the reason Sub-Total B \$ 0.0034 493 \$ 16.8 \$ 0.0034 493 \$ 1.68 \$ - 0.00% Sub-Total B \$ 0.0034 493 \$ 0.25 \$ 0.005 493 \$ 0.25 \$ - 0.00% Wholesale Market Service Charge \$ 0.005 493 \$ 0.25 \$ 0.005 493 \$ 0.25 \$ - 0.00% Rural and Remote Rate Protection (RRRP) \$ 0.025 \$ 0.25 1 \$ 0.25 \$ - 0.00%			Ð	-	1	-	-	ф с	-	1	-	-	ф Ф	-		
Total A) Image: Connection and/or Line and Transformation Connection and/or Line and Transformation Connection \$ 17.43 Image: Connection and/or Line and Transformation Connection and/or Line and Transformation Connection \$ 2.0536 1 \$ 2.05 \$ 2.273 1 \$ 2.27 \$ 0.22 10.72% In the manager's summary, discuss the reason and/or Line and Transformation Connection \$ 1.8829 1 \$ 2.0962 1 \$ 2.10 \$ 0.21 11.33% In the manager's summary, discuss the reason and/or Line and Transformation Connection \$ 0.001 \$ 0.21 11.33% In the manager's summary, discuss the reason and/or Line and transformation Connection \$ 0.0034 493 \$ 1.68 \$ 0.003 493 \$ 1.68 \$ 0.21 11.33% In the manager's summary, discuss the reason and/or Line and transformation Connection \$ 0.0034 493 \$ 1.68 \$ 0.013 \$ 0.21 11.33% In the manager's summary, discuss the reason and/or Line and transformation Connection (RRP) \$ 0.0034 493 \$ 1.68 \$ 0.025 \$ 0.025 \$ 0.025 \$ <td></td> <td></td> <td></td> <td></td> <td>-</td> <td><u> </u></td> <td>-</td> <td>Ŷ</td> <td>-</td> <td></td> <td>φ</td> <td></td> <td>φ</td> <td>-</td> <td></td> <td></td>					-	<u> </u>	-	Ŷ	-		φ		φ	-		
RTSR - Connection and/or Line and Transformation Connection \$ 1.8829 1 \$ 1.88 \$ 2.0962 1 \$ 2.10 \$ 0.21 11.33% In the manager's summary, discuss the reason Sub-Total C - Delivery (including Sub- Total B) 2 0.001 \$ 21.37 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.25 \$ 0.006 493 \$ 0.25 \$ 0.25 \$ 0.006 493 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$ 0.25 \$						\$	17.43				\$	12.70	\$	(4.73)	-27.13%	
Transformation Connection \$ 1.8829 1 \$ 1.88 \$ 2.0962 1 \$ 0.21 11.33% In the manager's summary, discuss the reaso. Sub-Total C - Delivery (including Sub- Total B) S 0.0034 493 \$ 21.37 \$ 17.07 \$ (4.30) -20.11% Wholesale Market Service Charge (WMSC) \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ - 0.00% Rural and Remote Rate Protection (RRRP) \$ 0.005 493 \$ 0.25 \$ - 0.00% Standard Supply Service Charge \$ 0.255 1 \$ 0.25 \$ - 0.00% TOU - Mid Peak \$ 0.0650 309 \$ 0.207 \$ 0.026 3 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 1.48 \$ 0.25 \$ - 0.00% 0.00% Tou - Mid Peak \$ 0.686 \$ 11.46 \$ 0.1340 86 \$	RTSR - Network		\$	2.0536	1	\$	2.05	\$	2.2737	1	\$	2.27	\$	0.22	10.72%	In the manager's summary, discuss the reason
Internation Connection Image: Submary discuss the reason Sub-Total C - Delivery (including Sub- Total B) S 21.37 S 17.07 \$ (4.30) -20.11% Wholesale Market Service Charge (WMSC) \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0006 493 \$ 0.0034 493 \$ 1.68 \$ 0.007 \$ (4.30) -20.11% Wholesale Market Service Charge (WMSC) \$ 0.0005 493 \$ 0.0034 493 \$ 1.68 \$ 0.007 \$ (4.30) -20.11% Rural and Remote Rate Protection (RRRP) \$ 0.0005 493 \$ 0.25 \$ 0.25 \$ - 0.00% Standard Supply Service Charge \$ 0.025 1 \$ 0.25 \$ 0.025 \$ 0.025 \$ 0.007 \$ 0.00% TOU - Mid Peak \$ 0.0650 309 \$ 20.07 \$ 0.00% 20.07 \$ 0.00% 0.00% 0.00%			e	1 9920	1	¢	1 00	e	2 0062	4	¢	2 10	¢	0.21	11 220/	
Total B) S 21.37 C S 17.07 S (4.30) -20.11% Wholesale Market Service Charge (WMSC) \$ 0.0034 493 \$ 1.68 \$ 0.005 493 \$ 1.68 \$ - 0.00% Rural and Remote Rate Protection (RRRP) \$ 0.0005 493 \$ 0.25 \$ 0.005 493 \$ 0.25 \$ - 0.00% Standard Supply Service Charge \$ 0.25 1 \$ 0.25 \$ - 0.00% TOU - Off Peak \$ 0.0650 309 \$ 20.07 \$ - 0.00% TOU - Off Peak \$ 0.0940 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46			φ	1.0029		φ	1.00	\$	2.0902	<u> </u>	φ	2.10	ę	0.21	11.55 /6	In the manager's summary, discuss the reason
Interfact Image: Constraint of the service Charge \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.0034 493 \$ 1.68 \$ 0.034 493 \$ 1.68 \$ 0.034 493 \$ 1.68 \$ 0.034 493 \$ 1.68 \$ - 0.00% Rural and Remote Rate Protection (RRRP) \$ 0.0005 493 \$ 0.25 \$ 0.25 \$ - 0.00% Standard Supply Service Charge \$ 0.25 1 \$ 0.25 \$ - 0.00% TOU - Mid Peak \$ 0.0650 309 \$ 0.017 \$ 0.0265 309 \$ 20.07 \$ 0.00% TOU - Mid Peak \$ 0.0690 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 1.146 \$ - 0.00%						\$	21 37				\$	17.07	s	(4 30)	-20 11%	
(WMSC) - 0.0034 493 3 0.0034 493 3 1.66 3 - 0.00% Rural and Remote Rate Protection (RRP) \$ 0.0005 493 \$ 0.005 493 \$ 0.025 \$ - 0.00% Standard Supply Service Charge \$ 0.25 1 \$ 0.25 \$ - 0.00% TOU - Off Peak \$ 0.0660 309 \$ 20.07 \$ 0.0550 309 \$ 20.07 \$ - 0.00% TOU - Mid Peak \$ 0.0660 309 \$ 20.07 \$ 0.0550 309 \$ - 0.00% TOU - Mid Peak \$ 0.0400 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$						¥	21.01				Ŷ	11.01	¥	(4.00)	-20.1176	
(WMSC) Rural and Remote Rate Protection (RRRP) \$ 0.0005 493 \$ 0.005 493 \$ 0.005 493 \$ 0.25 \$ 0.00% Standard Supply Service Charge \$ 0.025 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ - 0.00% TOU - Off Peak \$ 0.0650 309 \$ 20.07 \$ 0.0650 309 \$ 20.07 \$ - 0.00% TOU - Mid Peak \$ 0.9640 81 \$ 7.59 \$ 0.0610 309 \$ 20.07 \$ 0.0650 309 \$ 20.07 \$ 0.0650 309 \$ 20.07 \$ 0.00% 0.00% TOU - Mid Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.4			\$	0.0034	493	\$	1.68	s	0.0034	493	\$	1.68	\$	-	0.00%	
Standard Supply Service Charge \$ 0.0005 493 \$ 0.025 \$ - 0.00% Standard Supply Service Charge \$ 0.25 1 \$ 0.25 1 \$ 0.25 \$ - 0.00% TOU - Off Peak \$ 0.0650 309 \$ 20.07 \$ - 0.00% TOU - Mid Peak \$ 0.0650 309 \$ 20.07 \$ - 0.00% TOU - Mid Peak \$ 0.1340 86 \$ 11.46 \$ 0.0340 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 0.1340 8						Ľ										
TOU - Off Peak \$ 0.0650 309 \$ 20.07 \$ 0.0650 309 \$ 20.07 \$ - 0.00% TOU - Mid Peak \$ 0.0940 81 \$ 7.59 \$ 0.0940 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ - 0.00% Total Bill on TOU (before Taxes) \$ \$ 62.66 \$ \$ 5 64.66 \$ \$ 64.80 \$ -6.86%	Rural and Remote Rate Protection (RRRP)		\$	0.0005	493	\$	0.25	\$	0.0005	493	\$	0.25	\$	-	0.00%	
TOU - Off Peak \$ 0.0650 309 \$ 20.07 \$ 0.0650 309 \$ 20.07 \$ - 0.00% TOU - Mid Peak \$ 0.0940 81 \$ 7.59 \$ 0.0940 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ - 0.00% Total Bill on TOU (before Taxes) \$ \$ 62.66 \$ \$ \$ (4.30) -6.86% HST 13% \$ 8.15 13% \$ 7.59 \$ (0.56) -6.86%	Standard Supply Sonico Charge		¢	0.25	1	¢	0.25	¢	0.25	4	¢	0.25	¢		0.00%	
TOU - Mid Peak \$ 0.0940 81 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 0.1340 86 \$ 11.46 \$ 7.59 \$ - 0.00% Tou - On Peak \$ 0.1340 86 \$ 0.1340 86 \$ 11.46 \$ - 0.00% Total Bill on TOU (before Taxes) \$ \$ 62.66 \$ \$ \$ 5.8.36 \$ \$ (4.30) -6.86% HST 13% \$ 8.15 13% \$ 7.59 \$ (0.56) -6.86%			¢		300									-		
TOU - On Peak \$ 0.1340 86 \$ 11.46 \$ 11.46 \$ - 0.00% Total Bil on TOU (before Taxes) \$ 62.66 \$ \$ 58.36 \$ (4.30) -6.86% HST 13% \$ 5 13% \$ 7.59 \$ (0.56) -6.86%			ŝ			-								-		
State State <th< td=""><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></th<>			-											-		
HST 13% \$ 8.15 13% \$ 7.59 \$ (0.56) -6.86%			φ	0.1340	00	φ	11.40	Ŷ	0.1340	00	Ŷ	11.40	φ	-	0.00%	
HST 13% \$ 8.15 13% \$ 7.59 \$ (0.56) -6.86%	Total Bill on TOU (before Taxes)		1			ŝ	62.66	1			\$	58.36	\$	(4.30)	-6.86%	
				13%					13%		ŝ					
				1070				1	. 570		\$					
						Ť	. 5101				Ť	25100	Ť	(

RPP / Non-RPP: N	on-RPP (Othe	r)												
Consumption	474,500	kWh												
Demand	1,000	kW												
Current Loss Factor	1.0383													
Proposed/Approved Loss Factor	1.0383													
· ·· E														
			Current OE	B-Approved					Proposed			Im	pact	
			Rate (\$)	Volume	Charge (\$)		Rate (\$)		Volume		narge (\$)	\$ Change	% Change	
Monthly Service Charge		\$	3.24	1		3.24 \$.81	1		0.81	\$ (2.43)	-75.00%	
Distribution Volumetric Rate		\$	16.1088	1000	\$ 16,108	s.80 \$	4.02	88	1000	\$	4,028.80	\$ (12,080.00)	-74.99%	
Fixed Rate Riders		\$	-	1	\$	- \$			1	\$	-	\$ -		
Volumetric Rate Riders		\$	4.5305	1000	\$ 4,530	.50 \$	-		1000	\$	-	\$ (4,530.50)	-100.00%	
Sub-Total A (excluding pass through)					\$ 20,642	2.54				\$	4,029.61	\$ (16,612.93)	-80.48%	
Line Losses on Cost of Power		\$		-	\$	- \$	-		-	\$	-	\$-		
Total Deferral/Variance Account Rate		-¢	0.6796	1.000	\$ (670	.60) \$			1.000	\$	-	\$ 679.60	-100.00%	
Riders		- v								Ť	_			
CBR Class B Rate Riders		\$	0.3195	1,000		.50 \$.,	\$	-	\$ (319.50)	-100.00%	
GA Rate Riders		\$	0.0052	474,500		.40 \$	-		474,500	\$	-	\$ (2,467.40)	-100.00%	
Low Voltage Service Charge		\$	-	,	\$	-			1,000	\$	-	\$ -		
Smart Meter Entity Charge (if applicable)		\$	-		\$	- \$	-		1	\$	-	\$ -		
Additional Fixed Rate Riders		\$	-		\$	- \$	-		1	\$	-	\$ -		
Additional Volumetric Rate Riders				1,000	\$	- \$		•	1,000	\$	-	\$ -		
Sub-Total B - Distribution (includes Sub- Total A)					\$ 22,749	.84				\$	4,029.61	\$ (18,720.23)	-82.29%	
RTSR - Network		\$	2.0726	1,000	\$ 2,072	2.60 \$	2.29	47	1,000	\$	2,294.70	\$ 222.10	10.72%	In the manager's summary, discuss the reaso
RTSR - Connection and/or Line and		\$	1.8428	1,000	\$ 1,842		2.05	46	1,000	¢	2,051.60	\$ 208.80	11 220/	
Transformation Connection		þ	1.0420	1,000	ə 1,042	2.80 \$	2.05	10	1,000	þ	2,051.60	\$ 208.80	11.33%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub- Total B)					\$ 26,665	5.24				\$	8,375.91	\$ (18,289.33)	-68.59%	
Wholesale Market Service Charge (WMSC)		\$	0.0034	492,673	\$ 1,675	5.09 \$	0.00	34	492,673	\$	1,675.09	\$-	0.00%	
Rural and Remote Rate Protection (RRRP)		\$	0.0005	492,673	\$ 246	5.34 \$	0.00	05	492,673	\$	246.34	\$-	0.00%	
Standard Supply Service Charge		\$	0.25	1	\$ (.25 \$	0.	25	1	\$	0.25	\$-	0.00%	1
Average IESO Wholesale Market Price		\$	0.1101	492,673	\$ 54,243	3.34 \$	0.11	01	492,673	\$	54,243.34	ş -	0.00%	
Total Bill on Average IESO Wholesale Mark	ot Prico				\$ 82,830	25				¢	64,540.92	\$ (18,289.33)	-22.08%	ł
HST	et l'fice		13%		\$ 10,767		1	3%		\$ \$	8.390.32	\$ (2,377.61)	-22.08%	1
Total Bill on Average IESO Wholesale Mark	et Price		1070		\$ 93,598			0 /0		\$		\$ (20,666.94)	-22.08%	
Total Bill of Average 1200 Wildlesale Mark		_			÷ 35,550					*	12,001.24		-22.00 /8	ł

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION

Appendix 4: Global Adjustment Analysis Work Form

(Presented in PDF and Excel Format)

Ontario Energy Board

GA Analysis Workform

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

Account 1589 Global Adjustment (GA) Analysis Workform

NEWMARKET TAY POWER DISTRIBUTION LTD.
NewMARKET TAY RATE ZONE

	Input cells Drop down cells	
Note 1	Year(s) Requested for Disposition	2018

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

Year		2018		
Total Metered excluding WMP	C = A+B	655,906,325	kWh	100%
RPP	A	375,134,315	kWh	57.2%
Non RPP	B = D+E	280,772,010	kWh	42.8%
Non-RPP Class A	D	65,401,139	kWh	10.0%
Non-RPP Class B*	E	215,370,871	kWh	32.8%

*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

GA Billing Rate Description

NT Power - NTRZ customers are billed using the first estimate.

Note 4 Analysis of Expected GA Amount

Year	2018								
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)	GA Rate Billed (\$/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	19,054,317		1,739,751	20,794,068	0.08777	\$ 1,825,095	0.06736	\$ 1,400,688	-\$ 424,407
February	20,591,497		- 3,085,137	17,506,360	0.07333	\$ 1,283,741	0.08167	\$ 1,429,744	\$ 146,003
March	17,859,852		688,178	18,548,030	0.07877	\$ 1,461,028	0.09481	\$ 1,758,539	\$ 297,510
April	18,248,446		- 1,008,357	17,240,088	0.09810	\$ 1,691,253	0.09959	\$ 1,716,940	\$ 25,688
Мау	17,144,649		808,377	17,953,027	0.09392		0.10793		
June	17,956,827		267,445	18,224,272	0.13336		0.11896	1 1 . 1	
July	18,262,095		1,657,194	19,919,288	0.08502	\$ 1,693,538	0.07737	\$ 1,541,155	-\$ 152,383
August	20,560,708		270,523	20,831,231	0.07790	\$ 1,622,753	0.07490	\$ 1,560,259	-\$ 62,494

September	20,256,491		- 1,969,895	18,286,596	0.08424	\$ 1,540,463	0.08584 \$	1,569,721	\$ 29,259
October	18,234,080		- 245,094	17,988,986	0.08921	\$ 1,604,797	0.12059 \$	2,169,292	\$ 564,494
November	18,131,313		- 211,693	17,919,620	0.12235	\$ 2,192,466	0.09855 \$	1,765,979	-\$ 426,487
December	17,845,153		562,857	18,408,009	0.09198	\$ 1,693,169	0.07404 \$	1,362,929	-\$ 330,240
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	224,145,428	-	- 525,852	223,619,576		\$ 20,724,840	\$	20,380,877	-\$ 343,963

Calculated Loss Factor

1.0383

Note 5 Reconciling Items

			Amount (Quantify if it is a significant	
	Item	Applicability of Reconciling Item (Y/N)	reconciling item)	Explanation
			.	
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the Y	ear)	\$ 753,581	
	Remove impacts to GA from prior year RPP Settlement true			
1a	a up process that are booked in current year	No		Not a reconciling item
	Add impacts to GA from current year RPP Settlement true			
11	up process that are booked in subsequent year	No		Not a reconciling item
	Remove prior year end unbilled to actual revenue			
	a differences	No		Not a reconciling item
21	Add current year end unbilled to actual revenue differences	No		Not a reconciling item
	Remove difference between prior year accrual to forecast			
38	a from long term load transfers	No		Not a reconciling item
	Add difference between current year accrual to forecast from			
31	long term load transfers	No		Not a reconciling item
4	Remove GA balances pertaining to Class A customers	Yes		Class A customers began in July 2017.
	Significant prior period billing adjustments included in current			
	year GL balance but would not be included in the billing			
	5 consumption used in the GA Analysis	No		No significant prior period billing adjustments
	Differences in GA IESO posted rate and rate charged on			
6	6 IESO invoice	No		Not a reconciling item
	7 Reallocation of GA for RPP Customers		-\$ 913,576	
8	3			
9	9			
1(
Note 6	Adjusted Net Change in Principal Balance in the GL		-\$ 159,995	
	Net Change in Expected GA Balance in the Year Per Analy	/sis	-\$ 343,963	
	Unresolved Difference		\$ 183,968	
	Unresolved Difference as % of Expected GA Payments to	IESO	0.9%	

Note 7 Summary of GA (if multiple years requested for disposition)

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)		Adjusted Net Change in Principal Balance in the GL		Payments to IESO	Unresolved Difference as % of Expected GA Payments to IESO
				\$-	\$-		0.0%
				\$-	\$ -		0.0%
				\$-	\$ -		0.0%
				\$-	\$ -		0.0%
Cumulative Balance	\$ -	\$ -	\$-	\$-	\$-	\$-	N/A

Additional Notes and Comments

NT Power has utilized this version of the GA analysis workform to accomodate each rate zone and the applicable GA rate.

GA Analysis Note 2 Rate Zone Reconciliation Table

GA Analysis	NTRZ	MRZ	NT Power =NTRZ + MRZ	GA Analysis V1.9 Populated Values	Variance
Please report the aggregate consumption and demand for Class A customers	2018	2018	2018	2018	2018
Total Metered excluding WMP					
C = A + B	655,906,325	185,865,826	841,772,151	841,772,150	-0.97
RPP					
A	375,134,315	78,542,965	453,677,279	453,677,279	-0.37
Non RPP					
B = D + E	280,772,010	107,322,861	388,094,872	388,094,871	-0.60
Non-RPP Class A					
D	65,401,139	49,773,175	115,174,314	115,174,314	0.06
Non-RPP Class B*					
<u>E</u>	215,370,871	57,549,686	272,920,558	272,920,557	-0.66

Appendix 5: LRAMVA Model

(Presented in PDF and Excel Format)



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 4.0 (2020)

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.
<u>4. 2011-2014 LRAM</u>	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.

Ontario El	nergy Board	
Ontario	LRAMVA Work Form:	
	Summary Tab	Version 4.0 (2020)
Legend	User Inputs (Green)	
	Auto Populated Cells (White)	
	Instructions (Grey)	
LDC Name	Newmarket- T Power Distribut Newmarket Tay Rate Zone (Main Rate Zone)	

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				B. Current LRAMVA Application			
Previous LRAMVA Application (EB#)		EB-2018-0055		Current LRAMVA Application (EB#)		EB-2019-0055	
Application of Previous LRAMVA Clair	m	2019 IRM Applica	ation	Application of Current LRAMVA Cla	im	2020 IRM Application	
Period of LRAMVA Claimed in Previou	us Application	2017-2018		Period of New LRAMVA in this Appl	lication	2017	
Amount of LRAMVA Claimed in Previo	ous Application	\$	467,008.00	0 Period of Rate Recovery (# years)	Period of Rate Recovery (# years)		
				Actual Lost Revenues (\$)	А	\$ 432,89	
				Forecast Lost Revenues (\$)	В	\$ -	
				Carrying Charges (\$)	С	\$ 13,690	

LRAMVA (\$) for Account 1568

A-B+C

\$

446,588

Documentation of Changes

- Original Amount
- Amount for Final Disposition

Table 1-a. LRAMVA Totals by Rate Class

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

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

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$67,271	\$2,128	\$69,399
GS<50 kW	kWh	\$142,390	\$4,505	\$146,895
GS>50 kW - Thermal Demand Meter	kW	\$176,320	\$5,579	\$181,898
GS>50 kW - Interval Meter	kW	\$7,488	\$237	\$7,725

Street Lighting	KW	\$39,423	\$1,247	\$40,671
Total		\$432,891	\$13,696	\$446,588

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting				Total
		kWh	kWh	kW	kW	KW				
2011 Actuals	8									
2011 Forecast	_									
Amount Cleared										
2012 Actuals	8									
2012 Forecast									 	
Amount Cleared										
2013 Actuals	63									
2013 Forecast								r	r	
Amount Cleared										
2014 Actuals	2									
2014 Forecast	<u>r</u>				1		1			
Amount Cleared										
2015 Actuals	8									
2015 Forecast										
Amount Cleared										
2016 Actuals	8									
2016 Forecast										
Amount Cleared										
2017 Actuals	2									
2017 Forecast										
Amount Cleared		A07.070.70	0110 000 01	0170.010.00	A7 107 00					0.100.001.15
2018 Actuals		\$67,270.78	\$142,389.61	\$176,319.60	\$7,487.93	\$39,423.23				\$432,891.15
2018 Forecast	1									
Amount Cleared										
Carrying Charges		\$2,128.42	\$4,505.15	\$5,578.68	\$236.91	\$1,247.33			ļ	\$13,696.50
Total LRAMVA Balance		\$69,399	\$146,895	\$181,898	\$7,725	\$40,671				\$446,588

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



LRAMVA Work Form: Summary of Changes

Legend

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

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

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

No.	Tab	Cell Reference	Description	Ra
1				
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.				

Version 4.0 (2020)

ationale



LRAMVA Work Form: Forecast Lost Revenues

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Legend



Table 2-a. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-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 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting					
		kWh	kWh	kW	kW	KW	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
Years Included in Threshold Source of Threshold	2009 Settlement Agreeme	nt									

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-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 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting					
		kWh	kWh	kW	kW	KW	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
Years Included in Threshold											

Source of Threshold 2009 Settlement Agreement

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 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting					
		kWh	kWh	kW	kW	KW	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0
2018		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

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

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

	Billing Unit	EB-2009-0269	EB-2009-0269	EB-2011-0184	EB-2013-0153	EB-2013-0153	EB-2014-0095	EB-2016-0275	EB-2017-0062	EB-2018-0055			
Rate Year		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Period 1 (# months)		0	0	0	5	0	0	4	4	4			
Period 2 (# months)		12	12	12	7	12	12	8	8	8			
Residential		\$ 0.0143	\$ 0.0143	\$ 0.0144	\$ 0.0146	\$ 0.0146	\$ 0.0111	\$ 0.0075	\$ 0.0038				
Rate rider for tax sharing				-\$ 0.0002	-\$ 0.0002	-\$ 0.0002				-\$ 0.0600			
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		\$ 0.0143										\$ -	
Calendar year equivalent		\$ 0.0143	\$ 0.0143	\$ 0.0142	\$ 0.0143	\$ 0.0144	\$ 0.0111	\$ 0.0087	\$ 0.0050	-\$ 0.0387	\$-	\$-	
GS<50 kW		\$ 0.0191	\$ 0.0191	\$ 0.0193	\$ 0.0195	\$ 0.0195	\$ 0.0197	\$ 0.0200	\$ 0.0201	\$ 0.0203			
Rate rider for tax sharing				-\$ 0.0001	-\$ 0.0001	-\$ 0.0001	-\$ 0.0001	-\$ 0.0001		-\$ 0.0001			
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		\$ 0.0191	\$ 0.0191	\$ 0.0192	\$ 0.0194			\$ 0.0199				\$-	
Calendar year equivalent		\$ 0.0191	\$ 0.0191	\$ 0.0192	\$ 0.0193	\$ 0.0194	\$ 0.0196	\$ 0.0198	\$ 0.0200	\$ 0.0202	\$-	\$-	
GS>50 kW - Thermal Demand Meter		\$ 4.5800	\$ 4.5800						\$ 4.8078				
Rate rider for tax sharing				-\$ 0.0250	-\$ 0.0257	-\$ 0.0257	-\$ 0.0255	-\$ 0.0146		-\$ 0.0138			
Rate rider for foregone revenue	kW							•					
Other	_												
Adjusted rate		\$ 4.5800		•					1			\$ -	
Calendar year equivalent		\$ 4.5800	\$ 4.5800	\$ 4.5953	\$ 4.6245	\$ 4.6454	\$ 4.6923	\$ 4.7404	\$ 4.7934	\$ 4.8275	\$-	\$-	
GS>50 kW - Interval Meter		\$ 4.7081	\$ 4.7081	\$ 4.7495	\$ 4.8017	\$ 4.8017	\$ 4.8497	\$ 4.9127	\$ 4.9422	\$ 4.8511			
Rate rider for tax sharing	-			-\$ 0.0250						-\$ 0.0138			
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ 4.7081	\$ 4.7081	\$ 4.7245	\$ 4.7760	\$ 4.7760	\$ 4.8242	\$ 4.8981	\$ 4.9422	\$ 4.8373	\$ -	\$ -	
Calendar year equivalent		\$ 4.7081	\$ 4.7081	\$ 4.7245	\$ 4.7545	\$ 4.7760	\$ 4.8242	\$ 4.8735	\$ 4.9275	\$ 4.8723	\$-	\$-	
Street Lighting		\$ 15.2085	\$ 15.2085						\$ 15.9651				
Rate rider for tax sharing				-\$ 0.1687	-\$ 0.1734	-\$ 0.1734	-\$ 0.1601	-\$ 0.1966		-\$ 0.1847			
Rate rider for foregone revenue	kW												
Other	_										-	-	<u> </u>
Adjusted rate		\$ 15.2085		•	,				•	•		\$ -	<u> </u>
Calendar year equivalent		\$ 15.2085	\$ 15.2085	\$ 15.1736	\$ 15.2693	\$ 15.3377	\$ 15.5061	\$ 15.6176	\$ 15.8678	\$ 15.9378	\$-	\$-	

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LRAMVA Work Form:

Determination of Rate Class Allocations

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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.

		Rate	Allocation	is for LRA	MVA	
2017 CDM Programs	Resident ial	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
Legacy Framework			motor			
Residential Program Coupon Initiative	100%					100%
Bi-Annual Retailer Event Initiative	100%					100%
Appliance Retirement Initiative	100%					100%
HVAC Incentives Initiative	100%					100%
Residential New Construction and Major Renovation Initiative	100%					100%
Commercial & Institutional Program						
Energy Audit Initiative			100%			100%
Efficiency: Equipment Replacement Incentive Initiative		100%				100%
Direct Install Lighting and Water Heating Initiative		100%				100%
New Construction and Major Renovation Initiative			100%			100%
Existing Building Commissioning Incentive Initiative			100%			100%
Industrial Program						
Process and Systems Upgrades Initiatives - Project Incentive Initiative			100%			100%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative			100%			100%
Process and Systems Upgrades Initiatives - Energy Manager Initiative			100%			100%
Low Income Program						
Low Income Initiative	100%					100%
Other						
Conservation Fund Pilots						
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	100%					100%
Conservation First Framework						
Residential Province-Wide Programs Save on Energy Coupon Program	100%					100%
Save on Energy Heating & Cooling	100%					100%
Program Save on Energy New Construction						
Program	100%					100%
Save on Energy Home Assistance Program	100%					100%
Non-Residential Province-Wide Progra	ams					
Save on Energy Audit Funding Program			100%			100%
Save on Energy Retrofit Program		30%	65%	5%		100%
Save on Energy Small Business		100%				100%
Lighting Program Save on Energy High Performance New		10070				
Construction Program			100%			100%
Save on Energy Existing Building Commissioning Program			100%			100%
Save on Energy Process & Systems Upgrades Program			100%			100%
Save on Energy Monitoring & Targeting Program			100%			100%
Save on Energy Energy Manager Program			100%			100%
Local & Regional Programs						
Whole Home Pilot Program	100%					100%
Social Benchmarking Local Program	100%					100%

		Rate	Allocation	is for LRA	MVA	
2018 CDM Programs	Resident ial	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
Legacy Framework						
Residential Program						
Coupon Initiative	100%					100%
Bi-Annual Retailer Event Initiative	100%					100%
Appliance Retirement Initiative	100%					100%
HVAC Incentives Initiative	100%					100%
Residential New Construction and Major Renovation Initiative	100%					100%
Commercial & Institutional Program						
Energy Audit Initiative			100%			100%
Efficiency: Equipment Replacement Incentive Initiative		100%				100%
Direct Install Lighting and Water Heating Initiative		100%				100%
New Construction and Major Renovation Initiative			100%			100%
Existing Building Commissioning Incentive Initiative			100%			100%
Industrial Program						
Process and Systems Upgrades Initiatives - Project Incentive Initiative			100%			100%

Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative			100%		100%
Process and Systems Upgrades Initiatives - Energy Manager Initiative			100%		100%
Low Income Program					
Low Income Initiative	100%				100%
Other					
Conservation Fund Pilots					
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	100%				100%
Conservation First Framework					
Residential Province-Wide Programs					
Save on Energy Coupon Program	100%				100%
Save on Energy Heating & Cooling Program	100%				100%
Save on Energy New Construction Program	100%				100%
Save on Energy Home Assistance Program	100%				100%
Non-Residential Province-Wide Progra	ims				
Save on Energy Audit Funding Program			100%		100%
Save on Energy Retrofit Program		30%	65%	5%	100%
Save on Energy Small Business Lighting Program		100%			100%
Save on Energy High Performance New Construction Program			100%		100%
Save on Energy Existing Building Commissioning Program			100%		100%
Save on Energy Process & Systems Upgrades Program			100%		100%
Save on Energy Monitoring & Targeting Program			100%		100%
Save on Energy Energy Manager Program			100%		100%
Local & Regional Programs					
Whole Home Pilot Program Social Benchmarking Local Program	100% 100%				100% 100%
Social Denominarking Local Program	100 %				100%



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Leaend 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-a. 2011 Lost Revenues Work Form

Table 4-c. 2013 Lost Revenues Table 4-d. 2014 Lost Revenues

		5	Net Energy Savings (kWh)			Net E	nergy Savir	ngs Persis	stence (kW	/h)			54 - 154 - 16 - 1	Net Demand Savings (kW)			Net Pe	ak Demano	d Savings	Persisten	ce (kW)				
	Program	Results Status	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Monthly Multiplier	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Residential	GS<50 kW [·]
<u>1</u>	Consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up																						kWh 0.00%	kWh 0.00%
<u>2</u>	Appliance Exchange Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
<u>3</u>	HVAC Incentives Adjustment to 2011 savings	Verified True-up								470,202 -88,548											256 -48			100.00% 100.00%	0.00%
<u>4</u>	Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up								79,770 1,019											6			100.00% 100.00%	0.00%
	Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up								119,575 7,075											8			100.00% 100.00%	0.00%
<u>6</u>	Retailer Co-op Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
<u>7</u>	Residential Demand Response Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
	Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
	Residential New Construction Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
10	Business Program Retrofit Adjustment to 2011 savings	Verified True-up											12 12											0.00%	0.00%
<u>11</u>	Direct Install Lighting Adjustment to 2011 savings	Verified True-up								87,819 608			12 12								28			0.00%	100.00% 100.00%
<u>12</u>	Building Commissioning Adjustment to 2011 savings	Verified True-up											3 3											0.00%	0.00%
	New Construction Adjustment to 2011 savings	Verified True-up											12 12											0.00%	0.00%

Rate Allocation	ns for LRAMVA		
GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
kW	kW	KW	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			100%
0.00%	0.00%	0.00%	100 /6
0.00%	0.00%	0.00%	100%
0.00 %	0.00 %	0.00 %	
			100%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	0%
0.00%	0.00%	0.000/	0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			100%
0.00%	0.00%	0.00%	10070
0.00%	0.00%	0.00%	0%
0.00 %	0.00%	0.0070	
			0%
0.00%	0.00%	0.00%	

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	Energy Audit Adjustment to 2011 savings	Verified True-up											12 12											0.00%	0.00%
<u>15</u>	Small Commercial Demand Response Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
	Small Commercial Demand Response (IHD)	Verified											[
<u>16</u>	Adjustment to 2011 savings	True-up																						0.00%	0.00%
<u>17</u>	Demand Response 3 Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
18	Industrial Program Process & System Upgrades	Verified											12 12											0.00%	0.00%
<u>19</u>	Adjustment to 2011 savings Monitoring & Targeting	True-up Verified True-up											12 12 12											0.00%	0.00%
	Adjustment to 2011 savings Energy Manager	Verified											12											0.00%	0.00%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%
	Retrofit Adjustment to 2011 savings	Verified True-up								1,738,390			12 12								296			0.00%	30.00% 30.00%
	Demand Response 3 Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
<u>23</u>	Home Assistance Program Home Assistance Program Adjustment to 2011 savings	Verified True-up								964											0			100.00% 100.00%	0.00%
24	Aboriginal Program Home Assistance Program Adjustment to 2011 savings	Verified True-up																						0.00%	0.00%
<u>25</u>	Direct Install Lighting Adjustment to 2011 savings	Verified True-up											0											0.00%	0.00%
<u>26</u>	Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program Adjustment to 2011 savings	Verified True-up								455,514			12 12								78			0.00%	50.00%
<u>27</u>	High Performance New Construction Adjustment to 2011 savings	Verified True-up								151,315 127,967			12 12								29 29			0.00%	0.00%
	Toronto Comprehensive Adjustment to 2011 savings	Verified True-up											0											0.00%	0.00%
<u>29</u>	Multifamily Energy Efficiency Rebates Adjustment to 2011 savings	Verified True-up											0											0.00%	0.00%
	LDC Custom Programs Adjustment to 2011 savings	Verified True-up											0											0.00%	0.00%
<u>31</u>	Other Program Enabled Savings	Verified											0												
	Adjustment to 2011 savings Time of Use Savings	True-up Verified											0											0.00%	0.00%
ŕ	Adjustment to 2011 savings	True-up											0											0.00%	0.00%
ŕ	LDC Pilots Adjustment to 2011 savings	Verified True-up											12 12											0.00%	0.00%
1	Actual CDM Savings in 2011 Forecast CDM Savings in 2011		0	0	0	0	0	0	0	3,151,670	0	0		0	0	0	0	0	0	0	683	0	0	0	0
l	Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011																							\$0.01430 \$0.00 \$0.00	\$0.01910 \$0.00 \$0.00
	2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2015 2011 Savings Persisting in 2016 2011 Savings Persisting in 2017 2011 Savings Persisting in 2018 2011 Savings Persisting in 2019																							0 0 0 0 590,058 0	0 0 0 0 837,701 0
	2011 Savings Persisting in 2020 Note: LDC to make note of key assumptions included	d above																						0	0

Table 4-b. 2012 Lost Revenues Work Form	Return to top				
	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)	

				0%
6	0.00%	0.00%	0.00%	
				0%
6	0.00%	0.00%	0.00%	
				001
				0%
b	0.00%	0.00%	0.00%	
-		2.3070		
				0%
, D	0.00%	0.00%	0.00%	070
	0.0070	0.0070	0.0070	
				09/
	0.009/	0.000/	0.000/	0%
D	0.00%	0.00%	0.00%	
				0%
D	0.00%	0.00%	0.00%	
				0%
Ď	0.00%	0.00%	0.00%	
6	65.00%	5.00%		100%
%	65.00%	5.00%	0.00%	
				0%
, D	0.00%	0.00%	0.00%	070
	0.00 %	0.00 %	0.00 /0	
				1000
				100%
D	0.00%	0.00%	0.00%	
				0%
, D	0.00%	0.00%	0.00%	
				0%
b	0.00%	0.00%	0.00%	
-	0.0070	0.0070	0.0070	
6	50.00%			100%
		0.000/	0.000/	100%
6	50.00%	0.00%	0.00%	
	100 000			1000
	100.00%			100%
D	100.00%	0.00%	0.00%	
				0%
D	0.00%	0.00%	0.00%	
				0%
, D	0.00%	0.00%	0.00%	
				0%
, D	0.00%	0.00%	0.00%	
-	5.0070	0.0070	5.0070	
				00/
	0.000/	0.000/	0.000/	0%
D	0.00%	0.00%	0.00%	
				0%
D	0.00%	0.00%	0.00%	
				0%
	0.00%	0.00%	0.00%	
D				
D			0	
D	0	0		
D	0	0	0	
D				
	0	0	0	
	0 \$4.58000	0 \$4.70810	0 \$15.20850	\$0.00
	0 \$4.58000 \$0.00	0 \$4.70810 \$0.00	0 \$15.20850 \$0.00	\$0.00
	0 \$4.58000	0 \$4.70810	0 \$15.20850	\$0.00
	0 \$4.58000 \$0.00	0 \$4.70810 \$0.00	0 \$15.20850 \$0.00	
10	0 \$4.58000 \$0.00	0 \$4.70810 \$0.00	0 \$15.20850 \$0.00	\$0.00
	0 \$4.58000 \$0.00	0 \$4.70810 \$0.00	0 \$15.20850 \$0.00	\$0.00
	0 \$4.58000 \$0.00 \$0.00	0 \$4.70810 \$0.00 \$0.00	0 \$15.20850 \$0.00 \$0.00	\$0.00
	0 \$4.58000 \$0.00 \$0.00 0	0 \$4.70810 \$0.00 \$0.00 0 0	0 \$15.20850 \$0.00 \$0.00 0 0	\$0.00
	0 \$4.58000 \$0.00 \$0.00 0 0 0	0 \$4.70810 \$0.00 \$0.00 0 0 0	0 \$15.20850 \$0.00 \$0.00 0 0 0	\$0.00
	0 \$4.58000 \$0.00 \$0.00 0 0 0 0	0 \$4.70810 \$0.00 \$0.00 0 0 0 0 0	0 \$15.20850 \$0.00 \$0.00 0 0 0 0	\$0.00
	0 \$4.58000 \$0.00 \$0.00 0 0 0 0 0 0 0 0	0 \$4.70810 \$0.00 \$0.00 0 0 0 0 0 0 0	0 \$15.20850 \$0.00 \$0.00 0 0 0 0 0 0 0	\$0.00
10	0 \$4.58000 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0	0 \$4.70810 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0	0 \$15.20850 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0	\$0.00
10	0 \$4.58000 \$0.00 \$0.00 0 0 0 0 0 0 3,484	0 \$4.70810 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 178	0 \$15.20850 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00
	0 \$4.58000 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0	0 \$4.70810 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0	0 \$15.20850 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0	\$0.00

Rate Allocations for LRAMVA

	Program	Results Status	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Monthly Multiplier	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW
1	Consumer Program	Verified																						kWh	kWh
<u>1</u>	Appliance Retirement Adjustment to 2012 savings	True-up																						0.00%	0.00%
<u>2</u>	Appliance Exchange Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>3</u>	HVAC Incentives Adjustment to 2012 savings	Verified True-up							329,402 7,901											196 4				100.00% 100.00%	0.00%
<u>4</u>	Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up							4,284											1				100.00% 100.00%	0.00%
<u>5</u>	Bi-Annual Retailer Event Adjustment to 2012 savings	Verified True-up							88,218											6				100.00% 100.00%	0.00%
	Retailer Co-op Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>7</u>	Residential Demand Response Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>8</u>	Residential Demand Response (IHD) Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>9</u>	Residential New Construction Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
	Business Program Retrofit	Verified											12												
	Adjustment to 2012 savings	True-up Verified							205,740				12							51				0.00%	0.00% 100%
	Direct Install Lighting Adjustment to 2012 savings	True-up							203,740				12							51				0.00%	100.00%
	Building Commissioning Adjustment to 2012 savings	Verified True-up											3											0.00%	0.00%
	New Construction Adjustment to 2012 savings	Verified True-up											12 12											0.00%	0.00%
	Energy Audit Adjustment to 2012 savings	Verified True-up							1,772				12 12							0				0.00%	100.00% 100.00%
	Small Commercial Demand Response Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>16</u>	Small Commercial Demand Response (IHD) Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
	Demand Response 3 Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>18</u>	Industrial Program Process & System Upgrades	Verified											12												
	Adjustment to 2012 savings	True-up									1		12											0.00%	0.00%
	Monitoring & Targeting Adjustment to 2012 savings	Verified True-up											12 12											0.00%	0.00%
	Energy Manager Adjustment to 2012 savings	Verified True-up											12 12											0.00%	0.00%
<u>21</u>	Retrofit Adjustment to 2012 savings	Verified True-up							####### 449,875				12 12							366 43				0.00%	30.00% 30.00%
	Demand Response 3 Adjustment to 2012 savings	Verified True-up																						0.00%	0.00%
<u>23</u>	Home Assistance Program Home Assistance Program Adjustment to 2012 savings	Verified True-up							47,673											5				100% 100.00%	0.00%
<u>24</u>	Aboriginal Program Home Assistance Program	Verified																						0.00%	0.00%
<u>25</u>	Adjustment to 2012 savings Direct Install Lighting	True-up Verified											0											0.00%	0.00%
	Adjustment to 2012 savings Pre-2011 Programs completed in 2011 Clusteristic Data St. Jacobian Decement	True-up											0											0.00%	0.00%
	Electricity Retrofit Incentive Program Adjustment to 2012 savings	Verified True-up											12 12											0.00%	0.00%
<u>27</u>	High Performance New Construction Adjustment to 2012 savings	Verified True-up							723				12 12							1				0.00%	0.00%

Total	Street Lighting	GS>50 kW - Interval Meter	GS>50 kW - Thermal Demand Meter	k W
	KW	kW	kW	
0%	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
100%	0.00%	0.00%	0.00%	6
100%	0.00%	0.00%	0.00%	6
100%	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
0%				
0%	0.00%	0.00%	0.00%	6
	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
100%				5
0%	0.00%	0.00%	0.00%	%
	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	0
100%	0.00%	0.00%	0.00%	% %
0%	0.00%	0.00%	0.00%	6
0%	0.00%	0.009/	0.009/	
0%	0.00%	0.00%	0.00%	6
0,0	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	()
100%	0.00 /0	5.00%	65.00%	%
0%	0.00%	5.00%	65.00%	%
070	0.00%	0.00%	0.00%	0
100%	0.00%	0.00%	0.00%	6
0%	0.00%	0.00%	0.00%	6
0%	0.00%	0.0070	0.00%	J
	0.00%	0.00%	0.00%	0
0%	0.00%	0.00%	0.00%	6

28	8 Toronto Comprehensive Adjustment to 2012 savings	Verified True-up											0											0.00%	0.00%	(
29	9 Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Verified True-up											0											0.00%	0.00%	(
<u>3(</u>	<u>0</u> LDC Custom Programs Adjustment to 2012 savings	Verified True-up											0											0.00%	0.00%	(
<u>3</u>	Other Program Enabled Savings	Verified											0													
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	(
32	Time of Use Savings Adjustment to 2012 savings	Verified True-up											0											0.00%	0.00%	(
<u>33</u>	LDC Pilots Adjustment to 2012 savings	Verified True-up											12 12											0.00%	0.00%	(
	Actual CDM Savings in 2012 Forecast CDM Savings in 2012		0	0	0	0	0	0	#######	0	0	0		0	0	0	0	0	0	673	0	0	0	0	0	
	Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012																							\$0.01430 \$0.00 \$0.00 \$0.00 \$0.00	\$0.01910 \$0.00 \$0.00 \$0.00 \$0.00	\$4
	2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015																							0 0 0	0 0 0	

Table 4-c. 2013 Lost Revenues Work Form

		Net Energy Savings (kWh)			Net E	Energy Savi	ngs Persist	ence (kW	h)				Net Demand Savings (kW)			Net Pe	ak Demano	d Savings	Persistend	e (kW)					Rate Allocation	ns for LRAMVA		
Program	Results Status	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Monthly Multiplier	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	1
nsumer Program																							kWh	kWh	kW	kW	KW	(1997)
bliance Retirement	Verified]					
ustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
bliance Exchange	Verified																											
ustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
g-					1		1 1			1 1				1			1 1					I						
AC Incentives	Verified						285,796											167					100.00%					
ustment to 2013 savings	True-up						22,022											13					100.00%	0.00%	0.00%	0.00%	0.00%	
nservation Instant Coupon Booklet	Verified						41,478					1						3					100.00%					
ustment to 2013 savings	True-up						128											0					100.00%	0.00%	0.00%	0.00%	0.00%	
	nuc up						120											0					100.0076	0.0070	0.0076	0.0076	0.0070	
Annual Retailer Event	Verified						83,322											6					100.00%					
ustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	
ailer Co-op	Verified						1																1					
ustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
astiment to 2013 savings	iide-up													1									0.0076	0.0070	0.0070	0.0076	0.0070	
sidential Demand Response	Verified]					
ustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
idential Domand Baseanas (IIID)) (- sifi - si						1 1					1											1					
sidential Demand Response (IHD) ustment to 2013 savings	Verified True-up		-																				0.00%	0.00%	0.00%	0.00%	0.00%	
datment to 2010 savings	nuc up																						0.0076	0.0070	0.0076	0.0076	0.0070	
sidential New Construction	Verified																											
ustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
inces Drawn																												
siness Program rofit	Verified											12																
ustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
	nuo up																						0.0070	0.0070	0.0070	0.0070	0.0070	
ect Install Lighting	Verified						113,638					12						32					1	100%				
ustment to 2013 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	
				1	-	1	1 1			1		•		1									1					
Iding Commissioning	Verified											3											0.000/	0.000/	0.000/	0.000/	0.000/	
ustment to 2013 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	
w Construction	Verified						13,635					12						5						100.00%				
ustment to 2013 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	
							, , , , , , , , , , , , , , , , , , ,			r r		10		1			r r						1					
ergy Audit	Verified											12											0.000/	0.000/	0.000/	0.000/	0.000/	
ustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
all Commercial Demand Response	Verified											1																
	v criticu		_	1																				0.00%	0.00%	0.00%	0.00%	

			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	
0.00% 0	0.00% 0	0.00% 0	
0	0	0	
0	0	0	
0	0 0	0 0	\$0.00
0 0 \$4.58000	0 0 \$4.70810	0 0 \$15.20850	\$0.00 \$0.00
0 0 \$4.58000 \$0.00	0 0 \$4.70810 \$0.00	0 0 \$15.20850 \$0.00	\$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00	0 0 \$4.70810 \$0.00 \$0.00	0 0 \$15.20850 \$0.00 \$0.00	\$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00	0 0 \$4.70810 \$0.00 \$0.00 \$0.00	0 0 \$15.20850 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00	0 0 \$4.70810 \$0.00 \$0.00 \$0.00	0 0 \$15.20850 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0 0	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0 0	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0 0	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0	\$0.00 \$0.00 \$0.00
0 0 \$4.58000 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0 0 0	0 0 \$4.70810 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0 0 0 0 0 0 0 0 0	0 0 \$15.20850 \$0.00 \$0.00 \$0.00 \$0.00 0 0 0 0 0 0 0	\$0.00 \$0.00 \$0.00

		1			-	_		-			-													٦		
<u>16</u>	Small Commercial Demand Response (IHD)	Verified											_											0.000/	0.000/	
17	Adjustment to 2013 savings	True-up Verified					-	-		1	-				 								_	0.00%	0.00%	
	Demand Response 3 Adjustment to 2013 savings	True-up											_											0.00%	0.00%	
	Industrial Program Process & System Upgrades	Verified											12											٦		
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	
<u>19</u>	Monitoring & Targeting Adjustment to 2013 savings	Verified True-up											12 12											0.00%	0.00%	
	Energy Manager	Verified											12]	30.00%	
	Adjustment to 2013 savings	True-up						141,300					12						12					0.00%	30.00%	
<u>21</u>	Retrofit Adjustment to 2013 savings	Verified True-up						######## 180,855					12 12						280 36					0.00%	30.00% 30.00%	
<u>22</u>	Demand Response 3 Adjustment to 2013 savings	Verified True-up																						0.00%	0.00%	
	Home Assistance Program	nuo up																						0.0070	0.0070	
<u>23</u>	Home Assistance Program Adjustment to 2013 savings	Verified True-up						129,033 457											25 0					100% 100.00%	0.00%	
	Aboriginal Program											_	_										_	_		
<u>24</u>	Home Assistance Program Adjustment to 2013 savings	Verified True-up																						0.00%	0.00%	
	Direct Install Lighting Adjustment to 2013 savings	Verified True-up											0											0.00%	0.00%	
	Pre-2011 Programs completed in 2011	nue-up											0											0.0078	0.0076	
<u>26</u>	Electricity Retrofit Incentive Program Adjustment to 2013 savings	Verified True-up											12 12											0.00%	0.00%	
27	High Performance New Construction	Verified											12											_		
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	
	Toronto Comprehensive Adjustment to 2013 savings	Verified True-up											0											0.00%	0.00%	
<u>29</u>	Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up											0											0.00%	0.00%	
	LDC Custom Programs	Verified											0]		
	Adjustment to 2013 savings	True-up											0											0.00%	0.00%	
<u>31</u>	Other Program Enabled Savings	Verified											0]		
	Adjustment to 2013 savings	True-up Verified								1			0											0.00%	0.00%	
	Time of Use Savings Adjustment to 2013 savings	True-up											0											0.00%	0.00%	
<u>33</u>	LDC Pilots Adjustment to 2013 savings	Verified True-up											12 12											0.00%	0.00%	
	Actual CDM Savings in 2013		0	0	0	0	0	########	0	0	0	0		0	0	0	0	0	577	0	0	0	0	0	0	
	Forecast CDM Savings in 2013																							0	0	<u> </u>
	Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013																							\$0.01420 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.01920 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
	2013 Savings Persisting in 2014 2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018 2013 Savings Persisting in 2019 2013 Savings Persisting in 2020 Note: LDC to make note of key assumptions included	1 above																						0 0 0 562,236 0 0	0 0 0 644,361 0 0	

Table 4-d. 2014 Lost Revenues Work Forr

	Results	Net Energy Savings (kWh)			Net E	inergy Savir	ngs Persis	stence (kW	/h)			Monthly	Net Demand Savings (kW)			Net Pe	ak Deman	nd Savings	Persisten	ce (kW)					Rate Allocation	ns for LRAMVA		
Program	Status	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Multiplier	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Tota
Consumer Program												1											kWh	kWh	kW	kW	KW	
Appliance Retirement	Verified					24,927											4						100%					100
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Exchange	Verified																						1					0

			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	0%
			0%
0.00%	0.00%	0.00%	0,0
65.00%	5.00%		100%
65.00%	5.00%	0.00%	
65.00%	5.00%		100%
65.00%	5.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	100%
			0%
0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	0%
0.00 /0	0.0070	0.0076	
0.00%	0.00%	0.00%	0%
			0%
0.00%	0.00%	0.00%	0%
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	0%
0.0070	0.0070	0.0070	
			0%
0.00%	0.00%	0.00%	
			0%
0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	0%
0	0	0	
0	0	0	
\$4.59530 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$4.72450 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$15.17360 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
0 0 0 2,550 0 0	0 0 0 196 0	0 0 0 0 0 0	

	Adjustment to 2014 savings	True-up												0.00%	0.00%
<u>3</u>		Verified True-up		389	,384						210			100% 100.00%	0.00%
<u>4</u>		Verified True-up		167	,030						13			100% 100.00%	0.00%
<u>5</u>		Verified True-up		648	,295						43			100% 100.00%	0.00%
<u>6</u>		Verified True-up												0.00%	0.00%
<u>7</u>		Verified True-up												0.00%	0.00%
<u>8</u>	,	Verified True-up												0.00%	0.00%
<u>9</u>		Verified True-up												0.00%	0.00%
10	Business Program Retrofit	Verified						12							
_		True-up						12						0.00%	0.00%
<u>11</u>	5 5	Verified True-up		27,	513			12 12			8			0.00%	100% 100.00%
<u>12</u>		Verified True-up						3 3						0.00%	0.00%
<u>13</u>		Verified True-up						12 12						0.00%	0.00%
<u>14</u>		Verified True-up						12 12						0.00%	0.00%
<u>15</u>		Verified True-up												0.00%	0.00%
<u>16</u>	Small Commercial Demand Response (IHD)	Verified													
10		True-up												0.00%	0.00%
<u>17</u>		Verified True-up												0.00%	0.00%
<u>18</u>	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Verified True-up						12						0.00%	0.00%
<u>19</u>	Monitoring & Targeting	Verified						12 12						0.00%	0.00%
20	,	True-up Verified		92,	807			12			0			0.00 %	0.00 %
	Adjustment to 2014 savings	True-up						12						0.00%	0.00%
21		Verified True-up		1,765	5,670			12 12			322			0.00%	30.00% 30.00%
<u>22</u>		Verified True-up												0.00%	0.00%
<u>23</u>		Verified True-up		28,	241						3			100% 100.00%	0.00%
<u>24</u>	5	Verified True-up												0.00%	0.00%
<u>25</u>	Direct Install Lighting	Verified True-up						0						0.00%	0.00%
	Pre-2011 Programs completed in 2011	· · - F													
<u>26</u>	Electricity Retrofit Incentive Program	Verified True-up						12 12						0.00%	0.00%
<u>27</u>		Verified True-up						12 12						0.00%	0.00%
<u>28</u>	•	Verified True-up						0						0.00%	0.00%
<u>29</u>		Verified True-up						0						0.00%	0.00%
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	Adjustment to 2014 savings	True-up						0						0.00%	0.00%

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Program Enabled Savings	Verified											0													
Adjustment to 2014 savings	True-up											0											0.00%	0.00%	(
Time of Use Savings	Verified											0													
Adjustment to 2014 savings	True-up											0											0.00%	0.00%	(
LDC Pilots	Verified											12													
Adjustment to 2014 savings	True-up											12											0.00%	0.00%	C
Actual CDM Savings in 2014		0	0	0	0	3,144,068	0	0	0	0	0		0	0	0	0	603	0	0	0	0	0	0	0	
Forecast CDM Savings in 2014		U	0	U	U	3,144,000	U	U	U	0	U			U	U	U	003	U	U	U	0	U	0	0	
Lost Revenue in 2014 from 2012 progran	ns																						\$0.00	\$0.00	5
Lost Revenue in 2014 from 2012 program Lost Revenue in 2014 from 2013 program Lost Revenue in 2014 from 2014 program Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014	ns																						\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	

Return to top

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Ontario Energy Board

LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

	Version 4.0 (20
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 p 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) i 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

Table 5-a. 2015 Lost Revenues Work Form

		Net Energy Savings (kWh)			Net En	ergy Savin	igs Persis	stence (kV	Vh)				Net Demand Savings (kW)			Net Pea	k Deman	d Savings	Persister	ice (kW)					Rate Allocat	ons for LRAMVA		
Program	Results Status	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Monthly Multiplier	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
Legacy Framework Residential Program																							kWh	kWh	kW	kW	KW	
Coupon Initiative	rrent year savin	ae			216,959							1				14							100.00%					100%
Adjustment to 2015 savings	Adjustment	95			4,422							-				0							100.00%	0.00%	0.00%	0.00%	0.00%	100 /0
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Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	rrent year savin Adjustment	gs			613,181 1,429							-				42							100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings	Adjustment				1,429											U							100.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Retirement Initiative	rrent year savin	gs			18,421											3							100.00%					100%
Adjustment to 2015 savings	Adjustment				0											0							100.00%	0.00%	0.00%	0.00%	0.00%	
HVAC Incentives Initiative	rrent year savin	qs			450,464							1				237							100.00%					100%
Adjustment to 2015 savings	Adjustment	<u> </u>			16,483											9							100.00%	0.00%	0.00%	0.00%	0.00%	
Residential New Construction and Major	rrent year savin	ns										1																0%
Adjustment to 2015 savings	Adjustment	3-																					0.00%	0.00%	0.00%	0.00%	0.00%	
Commercial & Institutional Program																												
Energy Audit Initiative	rrent year savin	96			437,557							12				93							Ī		100.00%			100%
Adjustment to 2015 savings	Adjustment	<u>g</u> o			29,444							12				6							0.00%	0.00%	100.00%	0.00%	0.00%	100 /0
Efficiency: Equipment Replacement Incentive	<u> </u>									1													T					
Initiative	rrent year savin	gs			########							12				587								20.00%	48.00%		32.00%	100%
Adjustment to 2015 savings	Adjustment				878,914							12				60							0.00%	20.00%	48.00%	0.00%	32.00%	
Direct Install Lighting and Water Heating Initiative	rrent year savin	gs			326,075							12				69								100%				100%
Adjustment to 2015 savings	Adiustment				3,828											1							0.00%	100.00%	0.00%	0.00%	0.00%	

	New Construction and Major Renovation Initiative	irrent year savir	ngs	34,950			12		7		
	Adjustment to 2015 savings	Adjustment		0			12		0		0.0
	Existing Building Commissioning Incentive										
	Initiative	rrent year savir	ngs				12				
	Adjustment to 2015 savings	Adjustment					12				0.0
	Industrial Program							 			
<u>11</u>	Process and Systems Upgrades Initiatives - Project Incentive Initiative	rrent year savir	ngs				12				
	Adjustment to 2015 savings	Adjustment					12				0.0
10	Process and Systems Upgrades Initiatives -						10				
	Monitoring and Targeting Initiative	Irrent year savin	ngs				12 12				0.0
	Adjustment to 2015 savings	Adjustment					12				0.0
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	irrent year savir	ngs	21,762			12		6		
	Adjustment to 2015 savings	Adjustment		0			12		0		0.0
	Low Income Program										
14	Low Income Initiative	rrent year savir	ngs	81,371			12		8		100.
	Adjustment to 2015 savings	Adjustment		0			12		0		100.
	Other					1					
<u>15</u>	Aboriginal Conservation Program Adjustment to 2015 savings	Adjustment	ngs				12 12				 0.0
10											
	Program Enabled Savings Adjustment to 2015 savings	Adjustment	ngs				12 12				0.0
	Concernation Fund Bilate									 	
17	Conservation Fund Pilots Conservation Fund Pilot - EnerNOC	rrent year savir	ngs				0				
	Adjustment to 2015 savings	Adjustment					0				0.0
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	Adjustment to 2015 savings	Adjustment					0				0.0
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	Adjustment to 2015 savings	Adjustment					0				0.0
	Conservation First Framework Residential Province-Wide Programs										
	Save on Energy Coupon Program	rrent year savir	ngs	154,373			[10		100.
	Adjustment to 2015 savings	Adjustment		56,781					4		100.
22	Save on Energy Heating and Cooling Program	rrent year savir	ings	53,511			ſ		27		100.
	Adjustment to 2015 savings	Adjustment		8,838			-		4		100.
	Save on Energy New Construction Program						[
		rrent year savir	ngs								
	Adjustment to 2015 savings	Adjustment					Į				0.0
<u>24</u>		irrent year savir	ngs				[
	Adjustment to 2015 savings	Adjustment									0.0
	Non-Residential Province-Wide Programs						10				
25	Save on Energy Audit Funding Program Adjustment to 2015 savings	Adjustment	ngs				12 12				0.0
		and the on a string					12		0		
20	Save on Energy Retrofit Program Adjustment to 2015 savings	Adjustment	ngs	0 112,828			12		0 21		0.0
	Save on Energy Small Business Lighting										
<u>27</u>	Program	irrent year savir	ngs				12				
	Adjustment to 2015 savings	Adjustment					12				0.0
28	Save on Energy High Performance New Construction Program	rrent year savir	ings				12				
	Construction Program Adjustment to 2015 savings	Adjustment	-				12				0.0
<u>29</u>	Save on Energy Existing Building Commissioning Program	rrent year savir	ngs				12				
	Adjustment to 2015 savings	Adjustment					12				0.0
30	Save on Energy Process & Systems	Irrent year actin	ings				12				
30	Upgrades Program Adjustment to 2015 savings	Adjustment	195				12				0.0
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	Actual CDM Savings in 2015 Forecast CDM Savings in 2015		0	0	0	#######	0	0	0	0	0	0	
	Adjustment to 2015 savings	Adjustment											
<u>49</u>	Toronto Hydro-Electric System Limited - PFP Large (Pilot Savings)	Irrent year savin	igs										
<u>48</u>	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Adjustment to 2015 savings	rrent year savin Adjustment	igs										
<u>47</u>	Direct Install - Hydronic (Pilot Savings) Adjustment to 2015 savings	rrent year savin Adjustment	igs										
	Adjustment to 2015 savings Toronto Hydro-Electric System Limited -	Adjustment											
<u>46</u>	Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	rrent year savin	igs										
<u>45</u>	Direct Install - Hydronic Adjustment to 2015 savings	Adjustment	99										
45	Oakville Hydro Electricity Distribution Inc	rrent year savin											
<u>44</u>	Niagara-on-the-Lake Hydro Inc Direct Instal Energy Efficiency Measures for the Agricultural Sector Adjustment to 2015 savings	I rrrent year savin Adjustment	ıgs										
<u>43</u>	Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2015 savings	rrent year savin Adjustment	gs										
	Response Wi-Fi Thermostat Pilot Adjustment to 2015 savings	rrent year savin Adjustment	-										
	Adjustment to 2015 savings Hydro Ottawa Limited - Residential Demand	Adjustment											
<u>41</u>	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	irrent year savin	igs										
	Adjustment to 2015 savings	Adjustment											
<u>40</u>	Horizon Utilities Corporation - Social Benchmarking Pilot	irrent year savin	igs										
<u>39</u>	Motor Pilot Adjustment to 2015 savings	rrent year savin Adjustment	igs										
	Adjustment to 2015 savings Horizon Utilities Corporation - ECM Furnace	Adjustment											
<u>38</u>	EnWin Utilities Ltd Re-Invest Pilot	rrent year savin	igs										
<u>37</u>	EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2015 savings	rrent year savin Adjustment	igs										
	Program - Conservation Fund Adjustment to 2015 savings	Adjustment											
	Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot	irrent year savin	igs										
<u>35</u>	Social Benchmarking Local Program Adjustment to 2015 savings	rrent year savin Adjustment	igs										
	Adjustment to 2015 savings	rrent year savin Adjustment	ys 										
24	Adjustment to 2015 savings	Adjustment											
<u>33</u>	Local & Regional Programs Business Refrigeration Local Program	irrent year savin	ıgs										
	Save on Energy Energy Manager Program Adjustment to 2015 savings	irrent year savin Adjustment	igs										
<u>32</u>													

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Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs

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\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

ost Revenue in 2015 from 2014 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ost Revenue in 2015 from 2015 programs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
otal Lost Revenues in 2015	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
orecast Lost Revenues in 2015	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
RAMVA in 2015						\$0.0
15 Savings Persisting in 2016	0	0	0	0	0	
15 Savings Persisting in 2017	0	0	0	0	0	
115 Savings Persisting in 2018	1,676,233	1,792,708	5,235	13	2,484	
015 Savings Persisting in 2019	0	0	0	0	0	
015 Savings Persisting in 2020	0	0	0	0	0	

Table 5-b.	2016	l ost	Rovonuos	Work	Form
i able 5-b.	2010	LOSI	Revenues	WORK	FOUL

Table 5-b. 2016 Lost Revenues Work Form		Return to top																									
		Net Energy Savings (kWh)			Net Er	nergy Savi	ngs Persis	stence (kWh)				Net Demano Savings (kW	d V)		Net Peal	k Demand	I Savings I	Persistence	e (kW)					Rate Allocat	ions for LRAMVA		
Program	Results Status	2016	2017	2018	2019	2020	2021	2022 20	23 2024	2025	Monthly Multiplier	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
Legacy Framework Residential Program																						kWh	kWh	kW	kW	KW	
Coupon Initiative Adjustment to 2016 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2016 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2016 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Renovation Initiative	Verified																										0%
Adjustment to 2016 savings	True-up																					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%
Efficiency: Equipment Replacement Incentive	Verified										12																0%
Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install Lighting and Water Heating Initiative Adjustment to 2016 savings	Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation	Verified										12																0%
Adjustment to 2016 savings	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	
Existing Building Commissioning Incentive Initiative Adjustment to 2016 savings	Verified True-up										3											0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives -																											
Project Incentive Initiative Adjustment to 2016 savings	Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified										12																0%
Adjustment to 2016 savings Process and Systems Upgrades Initiatives -	True-up										12											0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 savings	Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2016 savings	Verified True-up										12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other Aboriginal Conservation Program	Verified										0																0%
Adjustment to 2016 savings	True-up Verified										0											0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings	True-up										0											0.00%	0.00%	0.00%	0.00%	0.00%	

Conservation	Fund	Pilots

<u>17</u>	Conservation Fund Pilot - EnerNOC	Verified	-
	Adjustment to 2016 savings	True-up	
<u>18</u>	Loblaws Pilot	Verified	
	Adjustment to 2016 savings	True-up	
<u>19</u>	Conservation Fund Pilot - SEG	Verified	
	Adjustment to 2016 savings	True-up	
<u>20</u>	Social Benchmarking Pliot	Verified	
20	Adjustment to 2016 savings	True-up	
			L
	Conservation First Framework Residential Province-Wide Programs		
<u>21</u>	Save on Energy Coupon Program	Verified	
_	Adjustment to 2016 savings	True-up	
	Cause on Franciscul Leaffrage and Castling Dramon		
<u>22</u>	Save on Energy Heating and Cooling Program	Verified	
	Adjustment to 2016 savings	True-up	
<u>23</u>	Save on Energy New Construction Program	Verified	
	Adjustment to 2016 savings	True-up	
<u>24</u>	Save on Energy Home Assistance Program Adjustment to 2016 savings	Verified True-up	
	Augustinent to 2010 savings	True-up	
	Non-Residential Province-Wide Programs		
<u>25</u>	Save on Energy Audit Funding Program Adjustment to 2016 savings	Verified	
	Adjustment to 2016 savings	True-up	
<u>26</u>	Save on Energy Retrofit Program	Verified	
	Adjustment to 2016 savings	True-up	
	Save on Energy Small Business Lighting		
<u>27</u>	Program	Verified	
	Adjustment to 2016 savings	True-up	
	Save on Energy High Performance New		
<u>28</u>	Construction Program	Verified	
	Adjustment to 2016 savings	True-up	
	Save on Energy Existing Building		
29	Commissioning Program	Verified	
	Adjustment to 2016 savings	True-up	
	Sava on Energy Dropping & Systems		
<u>30</u>	Save on Energy Process & Systems Upgrades Program	Verified	
	Adjustment to 2016 savings	True-up	
<u>31</u>	Save on Energy Monitoring & Targeting Program	Verified	
	Adjustment to 2016 savings	True-up	
<u>32</u>	Save on Energy Energy Manager Program Adjustment to 2016 savings	Verified True-up	
	Local & Regional Programs		
<u>33</u>	Business Refrigeration Local Program Adjustment to 2016 savings	Verified True-up	
		inde up	
<u>34</u>	First Nation Conservation Local Program	Verified	
	Adjustment to 2016 savings	True-up	
<u>35</u>	Social Benchmarking Local Program	Verified	
	Adjustment to 2016 savings	True-up	
	Pilot Programs		
	Enersource Hydro Mississauga Inc		
<u>36</u>	Performance-Based Conservation Pilot	Verified	
	Program - Conservation Fund	True	
	Adjustment to 2016 savings	True-up	
37	EnWin Utilities Ltd Building Optimization	Verified	
<u>51</u>	Pilot		
	Adjustment to 2016 savings	True-up	
<u>38</u>	EnWin Utilities Ltd Re-Invest Pilot	Verified	
	Adjustment to 2016 savings	True-up	

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<u>39</u>	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>40</u>	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>41</u>	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>42</u>	Hydro Ottawa Limited - Residential Demand	Verified]											
	Response Wi-Fi Thermostat Pilot Adjustment to 2016 savings	True-up											-											0.00
<u>43</u>	Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2016 savings	Verified True-up											12 12											0.00
	Niagara-on-the-Lake Hydro Inc Direct Install																							
<u>44</u>	Energy Efficiency Measures for the Agricultural Sector	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>45</u>	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>46</u>	Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>47</u>	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>48</u>	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
<u>49</u>	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12											
	Adjustment to 2016 savings	True-up											12											0.00
	Actual CDM Savings in 2016		0	0	5,375,259	0	0	0	0	0	0	0		0	0	1,402	0	0	0	0	0	0	0	0
	Forecast CDM Savings in 2016																							0
	Distribution Rate in 2016																							\$0.01
	Lost Revenue in 2016 from 2011 programs																							\$0.
	Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs																							\$0.0 \$0.0
	Lost Revenue in 2016 from 2014 programs																							\$0. \$0.
	Lost Revenue in 2016 from 2015 programs																							\$0.
	Lost Revenue in 2016 from 2016 programs																							\$0.
	Total Lost Revenues in 2016 Forecast Lost Revenues in 2016																							\$0. \$0.
	LRAMVA in 2016																							φ 0 .
	2016 Savings Persisting in 2017																							0
	2016 Savings Persisting in 2018																							2,860
	2016 Savings Persisting in 2019 2016 Savings Persisting in 2020																							0
	2016 Savings Persisting in 2020 Note: LDC to make note of key assumptions include	ed above																						0

Table 5-c. 2017 Lost Revenues Work Form Return to top Net Energy Savings (kWh) Net Demand Savings (kW) Net Energy Savings Persistence (kWh) Net Peak Demand Savings Persistence (kW) Results Status Monthly Multiplier Program 2020 2021 2022 2023 2024 2025 2026 2018 2019 2020 2022 2023 2025 2026 Resid 2018 2019 2017 2021 2024 2017 Legacy Framework Residential Program kW <u>1</u> Coupon Initiative Adjustment to 2017 savings **100.0** 100.0 Verified ######## 133 True-up <u>2</u> Bi-Annual Retailer Event Initiative Adjustment to 2017 savings 0.00 Verified True-up <u>3</u> Appliance Retirement Initiative Adjustment to 2017 savings 0.00 Verified True-up

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	Rate Allocations for LRAMVA													
lential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total									
Vh	kWh	kW	kW	KW										
.00%					100%									
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<u>4</u>	HVAC Incentives Initiative Adjustment to 2017 savings	Verified True-up												0.00%
<u>5</u>	Residential New Construction and Major Renovation Initiative	Verified												
	Adjustment to 2017 savings	True-up												0.00%
0	Commercial & Institutional Program Energy Audit Initiative	Verified						10						
<u>0</u>	Adjustment to 2017 savings	Verified True-up						12 12						0.00%
<u>7</u>	Efficiency: Equipment Replacement Incentive Initiative	Verified						12						
	Adjustment to 2017 savings	True-up						12						0.00%
<u>8</u>	Direct Install Lighting and Water Heating Initiative	Verified						12						
	Adjustment to 2017 savings	True-up						12						0.00%
<u>9</u>	New Construction and Major Renovation Initiative	Verified						12						
	Adjustment to 2017 savings	True-up						12						0.00%
<u>10</u>	Existing Building Commissioning Incentive Initiative	Verified						3						
	Adjustment to 2017 savings	True-up						3						0.00%
	Industrial Program Process and Systems Upgrades Initiatives -													
<u>11</u>	Project Incentive Initiative Adjustment to 2017 savings	Verified True-up						12						0.00%
	Process and Systems Upgrades Initiatives -													
<u>12</u>	Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified True-up						12						0.00%
	Process and Systems Upgrades Initiatives -													
<u>13</u>	Energy Manager Initiative Adjustment to 2017 savings	Verified True-up	8,841 631,244					12	132					0.00%
	Low Income Program		 				 						I	
<u>14</u>	Low Income Initiative Adjustment to 2017 savings	Verified True-up						12 12						0.00%
	Other		 	 								 		
<u>15</u>	Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up						0						0.00%
<u>16</u>		Verified						0						
	Adjustment to 2017 savings	True-up						0						0.00%
<u>17</u>	Conservation Fund Pilots Conservation Fund Pilot - EnerNOC	Verified						12						
10	Adjustment to 2017 savings	True-up						12						0.00%
<u>18</u>	Loblaws Pilot Adjustment to 2017 savings	Verified True-up						12 12						0.00%
<u>19</u>	Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified True-up						12 12						0.00%
20	Social Benchmarking Pliot	Verified						12						0.00 /
	Adjustment to 2017 savings	True-up						12						0.00%
	Conservation First Framework Residential Province-Wide Programs													
<u>21</u>		Verified True-up	########						158					100.00
00	Save on Energy Heating and Cooling Program		507.055						450					400.00
<u>22</u>	Adjustment to 2017 savings	Verified True-up	507,855						150					100.00 100.00
22	Save on Energy New Construction Program													
<u>23</u>	Adjustment to 2017 savings	Verified True-up												0.00%
<u>24</u>	Save on Energy Home Assistance Program	Verified	 				 			-	 			
	Adjustment to 2017 savings	True-up												0.00%
<u>25</u>	Non-Residential Province-Wide Programs Save on Energy Audit Funding Program	Verified						12						

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Adjustment to 2017 savings	
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<u>26</u>	Save on Energy Retrofit Program Adjustment to 2017 savings

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Save on Energy Small Business Lighting Program
Adjustment to 2017 savings

- 28 Save on Energy High Performance New Construction Program Adjustment to 2017 savings
- 29 Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings
- 30 Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings
- 31 Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings
- 32 Save on Energy Energy Manager Program Adjustment to 2017 savings

- Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2017 savings
- 34 First Nation Conservation Local Program Adjustment to 2017 savings
- 35 Social Benchmarking Local Program Adjustment to 2017 savings

Pilot Programs

<u>36</u>	Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Verified
	Adjustment to 2017 savings	True-up
<u>37</u>	EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2017 savings	Verified True-up
<u>38</u>	EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2017 savings	Verified True-up
<u>39</u>	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified
	Adjustment to 2017 savings	True-up
<u>40</u>	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified
	Adjustment to 2017 savings	True-up
<u>41</u>	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified
	Adjustment to 2017 savings	True-up
<u>42</u>	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified
	Adjustment to 2017 savings	True-up
<u>43</u>	Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2017 savings	Verified True-up
<u>44</u>	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified
	Adjustment to 2017 savings	True-up
<u>45</u>	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified
	Adjustment to 2017 savings	True-up
<u>46</u>	Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified

Adjustment to 2017 savings

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0.00%	0.0078	0.00%	0.00%	0.0078	
					0%
0.00%	0.00%	0.00%	0.00%	0.00%	- /-
0.0070	0.0076	0.0070	0.0076	0.0076	
					0%
0.00%	0.00%	0.00%	0.00%	0.00%	
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0.0070	5.0070	0.0070	0.0070	0.0070	I

Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																0%
Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																0%
Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
Whole Home Pilot Program	Verified		51,633									12		6									100.00%					100%
Adjustment to 2017 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2017		0	#######	0	0	0	0	0	0	0	0		0	1,210	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2017																							0	0	0	0	0	
Distribution Rate in 2017																							\$0.00870	\$0.01980	\$4.74040	\$4.87350	\$15.61760	
Lost Revenue in 2017 from 2011 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Lost Revenue in 2017 from 2012 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Lost Revenue in 2017 from 2013 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Lost Revenue in 2017 from 2014 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Lost Revenue in 2017 from 2015 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Lost Revenue in 2017 from 2016 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Lost Revenue in 2017 from 2017 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Total Lost Revenues in 2017																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Forecast Lost Revenues in 2017																												\$0.
Forecast Lost Revenues in 2017																												
Forecast Lost Revenues in 2017 LRAMVA in 2017																							4,738,271	1,031,251	6,506	379	0	
Forecast Lost Revenues in 2017																							4,738,271 0	1,031,251 0	6,506 0	379 0	0 0	

		Net Energy Savings (kWh)			Net Er	nergy Savi	ngs Persis	stence (kW	/h)				Net Demand			Net Peak	k Demand	Savings P	ersistend	ce (kW)					Rate Allocat	ions for LRAMVA		
Program	Results Status	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Monthly Multiplier	Savings (kW 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	To
Legacy Framework																							kWh	kWh	kW	kW	KW	
Residential Program					-	1	1						-		1													
Coupon Initiative	Verified	1,291,420											0										100.00%					100
Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	
Bi-Annual Retailer Event Initiative	Verified																											00
Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Retirement Initiative	Verified																											0
Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	-
·							1																					
HVAC Incentives Initiative	Verified																											C
Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
Residential New Construction and Major	Verified																											C
Adjustment to 2018 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2018 savings	Verified True-up											12 12											0.00%	0.00%	0.00%	0.00%	0.00%	
Efficiency: Equipment Replacement Incentive Initiative	Verified											12																(
Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
Direct Install Lighting and Water Heating																												
Initiative	Verified											12																(
Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
New Construction and Major Renovation	Verified	23,775										12	0												100.00%			10
Initiative Adjustment to 2018 savings	True-up	-, -										12											0.00%	0.00%	100.00%	0.00%	0.00%	
Agastrion to 2010 savings	inde up											12											0.0070	0.0076	100.0070	0.0070	0.0070	
Existing Building Commissioning Incentive Initiative	Verified											3																(
Adjustment to 2018 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	
ndustrial Program Process and Systems Upgrades Initiatives -	I																											
Project Incentive Initiative	Verified											12																(
Adjustment to 2018 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	
Aujustitione to 2010 savings	Tue-up											12											0.0070	0.0070	0.0070	0.0070	0.0070	

Energy Wanager Initiative True-up Low Income Program 14 Low Income Initiative Verified Adjustment to 2018 savings True-up 15 Aboriginal Conservation Program Verified Adjustment to 2018 savings Verified 16 Program Enabled Savings Verified Adjustment to 2018 savings Verified 17 Conservation Fund Pilot EnerNOC Verified Adjustment to 2018 savings True-up 18 Lobiaws Pilot Verified Adjustment to 2018 savings True-up 19 Conservation Fund Pilot - SEG Verified Adjustment to 2018 savings True-up Image: Save on Energy Coupon Program 20 Social Benchmarking Pilot Verified Image: Save on Energy New Construction Program 21 Save on Energy New Construction Program Verified Image: Save on Energy New Construction Program 22 Save on Energy Multi Funding Program Verified Image: Save on Energy Multi Funding Program 22 Save on Energy Multi Funding Program Verified Image: Save on Energy Multi Funding Program 23 Save on				
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2018 savings Verified True-up 14 Low Income Program Adjustment to 2018 savings Verified True-up 15 Aboriginal Conservation Program Adjustment to 2018 savings Verified True-up 16 Program Enabled Savings Verified Adjustment to 2018 savings Verified Adjustment to 2018 savings 17 Conservation Fund Pilot - Adjustment to 2018 savings True-up 18 Lobiaws Pilot Adjustment to 2018 savings True-up 19 Conservation Fund Pilot - SEG Adjustment to 2018 savings Verified Adjustment to 2018 savings 19 Conservation First Framework Residential Province-Wide Programs Verified Adjustment to 2018 savings 21 Save on Energy Heating and Cooling Program Adjustment to 2018 savings Verified Adjustment to 2018 savings 22 Save on Energy Home Assistance Program Adjustment to 2018 savings Verified Adjustment to 2018 savings 23 Save on Energy Audit Funding Program Adjustment to 2018 savings Verified Adjustment to 2018 savings 24 Save on Energy Audit Funding Program Adjustment to 2018 savings True-up 25 Save on Energy Retrofit Program Adjustment to 2018 savings True-up 26 Save on Energ	<u>12</u>	Monitoring and Targeting Initiative		
12 Energy Manager Initiative verified 2 14 Low Income Initiative Verified 2 14 Low Income Initiative Verified 2 15 Aborginal Conservation Program Verified 2 16 Program Enabled Savings True-up 2 17 Conservation Fund Pilots Verified 2 18 Conservation Fund Pilot - EnerNOC Verified 2 19 Conservation Fund Pilot - SEG Verified 2 19 Conservation Fund Pilot - SEG Verified 2 20 Social Benchmarking Pilot Verified 2 21 Conservation First Framework Residential Province-Wide Programs 2 22 Social Benchmarking Pilot Verified 2 23 Save on Energy Heating and Cooling Program Verified 2 24 Save on Energy Heating and Cooling Program Verified 2 25 Save on Energy Home Assistance Program Verified 2 26 Save on Energy Home Assistance Program Verified 2 27		· · · · · · · · · · · · · · · · · · ·		
14 Low Income Initiative Adjustment to 2018 savings Verified True-up 15 Aboriginal Conservation Program Adjustment to 2018 savings Verified True-up 16 Program Enabled Savings Adjustment to 2018 savings Verified True-up 17 Conservation Fund Pilots Conservation Fund Pilot EnerNOC Adjustment to 2018 savings Verified True-up 18 Loblaws Pilot Adjustment to 2018 savings True-up 19 Conservation Fund Pilot - SEG Adjustment to 2018 savings Verified True-up 20 Social Benchmarking Pilot Adjustment to 2018 savings Verified True-up 21 Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2018 savings Verified True-up 22 Save on Energy Heating and Cooling Program Adjustment to 2018 savings Verified True-up 23 Save on Energy Home Assistance Program Adjustment to 2018 savings Verified True-up 24 Save on Energy Audit Funding Program Adjustment to 2018 savings Verified True-up 25 Save on Energy Nudt Funding Program Adjustment to 2018 savings Verified True-up 26 Save on Energy Math Savings True-up 27 Save on Energy Mathing Program Adjustment to 2018 savings Verified Adjustment to 2018 savings	<u>13</u>	Energy Manager Initiative		276
14 Low Income Initiative Adjustment to 2018 savings Verified True-up 15 Aboriginal Conservation Program Adjustment to 2018 savings Verified True-up 16 Program Enabled Savings Adjustment to 2018 savings Verified True-up 17 Conservation Fund Pilots Conservation Fund Pilot EnerNOC Adjustment to 2018 savings Verified True-up 18 Loblaws Pilot Adjustment to 2018 savings True-up 19 Conservation Fund Pilot - SEG Adjustment to 2018 savings Verified True-up 20 Social Benchmarking Pilot Adjustment to 2018 savings Verified True-up 21 Conservation First Framework Residential Province-Wide Programs Save on Energy Coupon Program Adjustment to 2018 savings Verified True-up 22 Save on Energy Heating and Cooling Program Adjustment to 2018 savings Verified True-up 23 Save on Energy Home Assistance Program Adjustment to 2018 savings Verified True-up 24 Save on Energy Audit Funding Program Adjustment to 2018 savings Verified True-up 25 Save on Energy Nudt Funding Program Adjustment to 2018 savings Verified True-up 26 Save on Energy Math Savings True-up 27 Save on Energy Mathing Program Adjustment to 2018 savings Verified Adjustment to 2018 savings				
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12 Conservation Fund Pilot - EnerNOC Verified Adjustment to 2018 savings True-up 18 Loblaws Pilot Verified Adjustment to 2018 savings True-up 19 Conservation Fund Pilot - SEG Verified Adjustment to 2018 savings True-up 20 Social Benchmarking Pilot Verified Adjustment to 2018 savings True-up 21 Social Benchmarking Pilot Verified Adjustment to 2018 savings True-up 22 Save on Energy Coupon Program Verified Adjustment to 2018 savings True-up 22 Save on Energy New Construction Program Verified Adjustment to 2018 savings True-up 22 Save on Energy New Construction Program Verified Adjustment to 2018 savings True-up 23 Save on Energy Audit Funding Program Verified Adjustment to 2018 savings True-up 1 24 Save on Energy Small Business Lighting Verified Adjustment to 2018 savings True-up 1 25 Save on Energy High Performance New		Aujustment to 2016 savings	True-up	
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36	Performance-Based Conservation Pilot	Verified											12											
	Program - Conservation Fund Adjustment to 2018 savings	True-up											12											0.0
27	EnWin Utilities Ltd Building Optimization	Verified											12											
	Pilot Adjustment to 2018 savings	True-up											12											0.0
	EnWin Utilities Ltd Re-Invest Pilot	Verified											12											
	Adjustment to 2018 savings	True-up											12											0.0
	Horizon Utilities Corporation - ECM Furnace	Verified											12											
1	Motor Pilot Adjustment to 2018 savings	True-up											12											0.0
40	Horizon Utilities Corporation - Social	Verified											12											
	Benchmarking Pilot Adjustment to 2018 savings	True-up											12											0.
	Hydro Ottawa Limited - Conservation Voltage																							
<u>41</u>	Regulation (CVR) Leveraging AMI Data Pilot	Verified											12											
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42	Hydro Ottawa Limited - Residential Demand	Verified]											
	Response Wi-Fi Thermostat Pilot Adjustment to 2018 savings	True-up																						0.
	Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified											12											
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	Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the) (:{E!											40											
	Agricultural Sector	Verified											12											
	Adjustment to 2018 savings	True-up											12											0.0
<u>45</u>	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified											12											
,	Adjustment to 2018 savings	True-up											12											0.
<u>46</u>	Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified											12											
	Adjustment to 2018 savings	True-up											12											0.
<u>47</u>	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12											
<u> </u>	Direct Install - Hydronic (Pilot Savings) Adjustment to 2018 savings	True-up											12											0.
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40	Direct Install - RTU Controls (Pilot Savings) Adjustment to 2018 savings	Verified True-up											12 12											0.
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1	Distribution Rate in 2018																							\$0.0
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	Lost Revenue in 2018 from 2017 programs																							\$23,
·	Lost Revenue in 2018 from 2018 programs Total Lost Revenues in 2018																							\$6,4 \$67 ,
	Forecast Lost Revenues in 2018 LRAMVA in 2018																							\$0
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		Net Energy Savings (kWh)			Net Ener	gy Savir	gs Persis	tence (kW	/h)				Net Demano Savings (kW			Net Pea	k Deman	d Savings	Persister	nce (kW)					Rate Allocat	tions for LRAMVA		
Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Monthly Multiplier	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
egacy Framework																							kWh	kWh	kW	kW	KW	
Actual CDM Savings in 2019		0											0										0	0	0	0	0	
Forecast CDM Savings in 2019																							0	0	0	0	0	
Distribution Rate in 2019																							-\$0.03870	\$0.02020	\$4.82750	\$4.87230	\$15.93780	
Lost Revenue in 2019 from 2011 programs																							-\$0.03870 \$0.00	\$0.02020	\$4.82750	\$4.87230	\$15.93780	\$0.00
Lost Revenue in 2019 from 2012 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2013 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2014 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2015 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2016 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2017 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2018 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2019 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fotal Lost Revenues in 2019																							\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Forecast Lost Revenues in 2019																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
RAMVA in 2019																							<i>\$</i> 3.00	<i>40.00</i>	<i>\$</i> 3.00	\$0.00	40.00	\$0.00
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2019 Savings Persisting in 2020																							0	0	0	0	0	

		Net Energy Savings (kWh)			Net Er	nergy Savi	ngs Persis	stence (kV	Vh)				Net Demand Savings (kW)		l	Net Peak	k Demand S	Savings F	Persistenc	e (kW)				Rate Alloca	tions for LRAMVA		
Program	Results Status	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Monthly Multiplier	2020	2021	2022	2023	2024	2025	2026	2027	2028 2029	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting	Total
_egacy Framework																						kWh	kWh	kW	kW	KW	
Actual CDM Savings in 2020		0											0									0	0	0	0	0	
Forecast CDM Savings in 2020																						0	0	0	0	0	
Distribution Rate in 2020 Lost Revenue in 2020 from 2011 programs Lost Revenue in 2020 from 2012 programs Lost Revenue in 2020 from 2014 programs Lost Revenue in 2020 from 2014 programs Lost Revenue in 2020 from 2016 programs Lost Revenue in 2020 from 2016 programs Lost Revenue in 2020 from 2017 programs Lost Revenue in 2020 from 2018 programs Lost Revenue in 2020 from 2019 programs Lost Revenue in 2020 from 2020 programs Lost Revenue in 2020 Forecast Lost Revenues in 2020 LRAMVA in 2020																						\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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 \$0.00 \$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 \$0.00 \$0.00 \$0.00 \$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 \$0.00 \$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 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form: Carrying Charges by Rate Class

Version 4.0 (2020)

User Inputs (Green) Legend

Auto Populated Cells (White)

Instructions (Grey)

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 auto-populate as Instructions 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 included 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

	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting							Total
2011 Q1	1.47%	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
2011 Q2	1.47%	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
2011 Q3	1.47%	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
2011 Q4	1.47%	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
2012 Q1	1.47%	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
2012 Q2	1.47%	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
2012 Q3	1.47%	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
2012 Q4	1.47%	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
2013 Q1	1.47%	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
2013 Q2	1.47%	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
2013 Q3	1.47%	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
2013 Q4	1.47%	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
2014 Q1	1.47%	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
2014 Q2	1.47%	Amount Cleared															
2014 Q3	1.47%	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
2014 Q4	1.47%	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
2015 Q1	1.47%	Feb-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
2015 Q2	1.10%	Mar-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
2015 Q3	1.10%	Apr-12	2011-2012	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
2015 Q4	1.10%	May-12	2011-2012	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
2016 Q1	1.10%	Jun-12	2011-2012	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
2016 Q2	1.10%	Jul-12	2011-2012	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
2016 Q3	1.10%	Aug-12	2011-2012	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
2016 Q4	1.10%	Sep-12	2011-2012	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
2017 Q1	1.10%	Oct-12	2011-2012	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
2017 Q2	1.10%	Nov-12	2011-2012	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
2017 Q3	1.10%	Dec-12	2011-2012	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
2017 Q4	1.50%	Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q1	1.50%	Amount Cleared										\$0.00			\$0.00		
2018 Q2 2018 Q3	1.89%	Opening Balan	2011-2013	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 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00
2018 Q3 2018 Q4	2.17%	Jan-13	2011-2013	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
2018 Q4 2019 Q1	2.17%	Feb-13 Mar-13	2011-2013	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
2019 Q1 2019 Q2	2.45%	Apr-13	2011-2013	Q1 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
2019 Q2 2019 Q3	2.18%	May-13	2011-2013	Q2 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
2019 Q3 2019 Q4	2.18%	Jun-13	2011-2013	Q2 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
2019 Q4 2020 Q1	2.1076	Jul-13	2011-2013	03	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
2020 Q1		Aug-13	2011-2013	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
2020 Q2		Sep-13	2011-2013	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
2020 Q3		Oct-13	2011-2013	Q3 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
2020 007		Nov-13	2011-2013	Q4 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
Check OEB website		Dec-13	2011-2013	Q4 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
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		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
		Jan-14	2011-2014	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

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Nov-18 2011-2018 O.4 0.18% \$101.37 \$244.57 \$285.70 \$11.28 \$59.41 \$0.00\$	Jul-18 Aug-18	2011-2018 2011-2018	Q3 Q3	0.16%	\$61.81	\$130.82	\$161.99	\$6.88	\$36.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec:18 2011-2018 Q4 0.18% \$111.51 \$236.03 \$292.27 \$12.41 \$86.35 \$0.00	Jul-18 Aug-18 Sep-18	2011-2018 2011-2018 2011-2018	Q3 Q3 Q3	0.16% 0.16%	\$61.81 \$70.63	\$130.82 \$149.51	\$161.99 \$185.14	\$6.88 \$7.86	\$36.22 \$41.39	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$454.54
Total for 2018 \$616.51 \$1,304.94 \$1,615.90 \$68.62 \$361.30 \$0.0	Jul-18 Aug-18 Sep-18 Oct-18	2011-2018 2011-2018 2011-2018 2011-2018	Q3 Q3 Q3 Q4	0.16% 0.16% 0.18%	\$61.81 \$70.63 \$91.24	\$130.82 \$149.51 \$193.12	\$161.99 \$185.14 \$239.13	\$6.88 \$7.86 \$10.16	\$36.22 \$41.39 \$53.47	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$454.54 \$587.11
Amount Cleared Set	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018	Q3 Q3 Q3 Q4 Q4	0.16% 0.16% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37	\$130.82 \$149.51 \$193.12 \$214.57	\$161.99 \$185.14 \$239.13 \$265.70	\$6.88 \$7.86 \$10.16 \$11.28	\$36.22 \$41.39 \$53.47 \$59.41	\$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 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34
Opening Balance for 2019 \$616.51 \$1,304.94 \$1,615.90 \$686.82 \$361.30 \$0.00	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018	Q3 Q3 Q3 Q4 Q4	0.16% 0.16% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58
Jan-19 2011-2019 O.1 0.20% \$137.34 \$200.71 \$359.99 \$15.29 \$80.49 \$0.00	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Total for 2018	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018	Q3 Q3 Q3 Q4 Q4	0.16% 0.16% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58
Jan-19 2011-2019 O.1 0.20% \$137.34 \$290.71 \$359.99 \$15.29 \$80.49 \$0.00	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Total for 2018 Amount Cleare	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 8	Q3 Q3 Q3 Q4 Q4	0.16% 0.16% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27
Feb-19 2011-2019 Q1 0.20% \$137.34 \$290.71 \$359.99 \$15.29 \$80.49 \$0.00	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Total for 2018 Amount Cleare	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 8	Q3 Q3 Q3 Q4 Q4 Q4 Q4	0.16% 0.16% 0.18% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$68.62	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27
Mar-19 2011-2019 O.1 0.20% \$137.34 \$290.71 \$359.99 \$15.29 \$80.49 \$0.00	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Total for 2018 Amount Cleare Opening Bala	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4	0.16% 0.16% 0.18% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$616.51 \$137.34	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$1,304.94 \$290.71	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$1,615.90	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$68.62	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$3,967.27
Apr-19 2011-2019 O.2 0.18% \$122.21 \$288.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$766.42 May-19 2011-2019 O.2 0.18% \$122.21 \$288.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Total for 2018 Amount Cleare Opening Bala Jan-19 Feb-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q1	0.16% 0.16% 0.18% 0.18% 0.18% 0.18% 0.20%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$137.34 \$137.34	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$1,304.94 \$290.71 \$290.71	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$1,615.90 \$359.99 \$359.99	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$68.62 \$15.29 \$15.29 \$15.29	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30 \$80.49 \$80.49	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$883.82 \$883.82
May-19 2011-2019 Q2 0.18% \$122.21 \$258.67 \$320.31 \$13.60 \$71.62 \$0.00	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-18 Total for 2018 Amount Cleare Opening Bala Jan-19 Feb-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q1	0.16% 0.16% 0.18% 0.18% 0.18% 0.18% 0.20%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$137.34 \$137.34	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$1,304.94 \$290.71 \$290.71	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$1,615.90 \$359.99 \$359.99	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$68.62 \$15.29 \$15.29 \$15.29	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30 \$80.49 \$80.49	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$883.82 \$883.82
Jun-19 2011-2019 Q2 0.18% \$122.21 \$288.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$786.42 Jul-19 2011-2019 Q3 0.18% \$122.21 \$288.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$786.42 Jul-19 Q3 0.18% \$122.21 \$288.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$786.42 Aug-19 2011-2019 Q3 0.18% \$122.21 \$288.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$786.42	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Total for 2018 Amount Cleare Opening Balar Jan-19 Feb-19 Mar-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q1 Q1 Q1	0.16% 0.16% 0.18% 0.18% 0.18% 0.20% 0.20%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$137.34 \$137.34	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$290.71 \$290.71 \$290.71	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$359.99 \$359.99 \$359.99	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$68.62 \$15.29 \$15.29 \$15.29	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30 \$361.30 \$80.49 \$80.49	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$3,967.27 \$883.82 \$883.82 \$883.82
Jul-19 2011-2019 Q3 0.18% \$122.21 \$258.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$786.42 Aug-19 2011-2019 Q3 0.18% \$122.21 \$258.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$786.42	Jul-18 Aug-18 Sep-18 Oct-18 Dec-18 Total for 2018 Amount Cleare Opening Bala Jan-19 Feb-19 Mar-19 Apr-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q2	0.16% 0.18% 0.18% 0.18% 0.18% 0.20% 0.20% 0.20% 0.20%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$137.34 \$137.34 \$137.34	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$1,304.94 \$290.71 \$290.71 \$290.71 \$290.71	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$359.99 \$359.99 \$359.99 \$320.31	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$68.62 \$15.29 \$15.29 \$15.29 \$15.29 \$15.29 \$15.29 \$15.29	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30 \$80.49 \$80.49 \$80.49 \$80.49 \$80.49	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$883.82 \$883.82 \$883.82 \$786.42
Aug-19 2011-2019 Q3 0.18% \$122.21 \$258.67 \$320.31 \$13.60 \$71.62 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$76.42	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Total for 2018 Amount Cleare Opening Bala Jan-19 Feb-19 Mar-19 Mar-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q2 Q2	0.16% 0.16% 0.18% 0.18% 0.18% 0.18% 0.20% 0.20% 0.20% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$137.34 \$137.34 \$137.34 \$137.34 \$137.34	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$1,304.94 \$290.71 \$290.71 \$258.67 \$258.67	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$359.99 \$359.99 \$359.99 \$359.99 \$320.31	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$15.29 \$15.	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30 \$30.49 \$80.49 \$80.49 \$80.49 \$71.62	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$883.82 \$883.82 \$883.82 \$786.42 \$786.42
	Jul-18 Aug-18 Sep-18 Oct-18 Dec-18 Total for 2018 Amount Cleare Opening Bala Jan-19 Feb-19 Mar-19 Apr-19 Jun-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q1 Q2 Q2 Q2	0.16% 0.16% 0.18% 0.18% 0.18% 0.18% 0.20% 0.20% 0.20% 0.20% 0.20% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$137.34 \$137.34 \$137.34 \$137.34 \$137.34 \$137.34 \$132.21	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$290.71 \$290.71 \$290.71 \$258.67	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$359.99 \$359.99 \$359.99 \$320.31 \$320.31	\$6.88 \$7.86 \$10.16 \$11.28 \$12.41 \$66.62 \$15.29 \$15.29 \$15.29 \$15.29 \$15.29 \$15.29 \$13.60 \$13.60 \$13.60	\$36 22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$361.30 \$80.49 \$80.49 \$80.49 \$80.49 \$80.49 \$71.62 \$71.62	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$652.34 \$717.58 \$3,967.27 \$883.82 \$883.82 \$883.82 \$883.82 \$786.42 \$786.42
	Jul-18 Aug-18 Sep-18 Oct-18 Dec-18 Total for 2018 Amount Cleare Jan-19 Feb-19 Mar-19 Mar-19 May-19 Jul-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q1 Q1 Q1 Q2 Q2 Q2 Q2 Q3	0.16% 0.16% 0.18% 0.18% 0.18% 0.20% 0.20% 0.20% 0.20% 0.20% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$113.51 \$137.34 \$137.34 \$137.34 \$137.34 \$122.21 \$122.21	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$290.71 \$290.71 \$290.71 \$290.71 \$258.67 \$258.67 \$258.67	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$359.99 \$359.99 \$320.31 \$320.31 \$320.31	\$688 \$7.86 \$10.16 \$11.28 \$12.41 \$68.62 \$15.29 \$15.29 \$15.29 \$15.29 \$13.60 \$13.60 \$13.60 \$13.60 \$13.60 \$13.60	\$36.22 \$41.39 \$53.47 \$59.41 \$65.35 \$361.30 \$80.49 \$80.49 \$80.49 \$71.62 \$71.62 \$77.62 \$77.62 \$77.62	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.000000 \$0.00000 \$0.0000000 \$0.00000000	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.000	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$887.11 \$\$652.34 \$717.58 \$3,967.27 \$83,967.27 \$883.82 \$883.82 \$883.82 \$786.42 \$786.42 \$786.42 \$786.42
	Jul-18 Aug-18 Sep-18 Oct-18 Nov-18 Dec-181 Amount Cleare Opening Bala Jan-19 Apr-19 Jun-19 Jul-19	2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2018 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019 2011-2019	Q3 Q3 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4 Q4	0.16% 0.16% 0.18% 0.18% 0.18% 0.20% 0.20% 0.20% 0.20% 0.20% 0.18% 0.18% 0.18%	\$61.81 \$70.63 \$91.24 \$101.37 \$111.51 \$616.51 \$37.34 \$137.34 \$137.34 \$137.34 \$137.34 \$137.34 \$137.34 \$137.34 \$132.21	\$130.82 \$149.51 \$193.12 \$214.57 \$236.03 \$1,304.94 \$290.71 \$290.71 \$290.71 \$258.67 \$258.67 \$258.67 \$258.67	\$161.99 \$185.14 \$239.13 \$265.70 \$292.27 \$1,615.90 \$359.99 \$359.99 \$359.99 \$359.99 \$320.31 \$320.31 \$320.31 \$320.31	\$688 \$7.86 \$10.16 \$11.28 \$12.28 \$15.29 \$15.29 \$15.29 \$15.29 \$15.29 \$13.60 \$13.60 \$13.60 \$13.60 \$13.60 \$13.60 \$13.60	\$36.22 \$41.39 \$53.47 \$59.41 \$66.35 \$361.30 \$364.30 \$80.49 \$80.49 \$80.49 \$80.49 \$71.62 \$71.62 \$71.62 \$71.62 \$71.62 \$71.62	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000000	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.00000000	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.000	\$0.00 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$454.54 \$587.11 \$5652.34 \$717.58 \$3,967.27 \$883.82 \$883.82 \$786.42 \$786.42 \$786.42 \$786.42 \$786.42

Oct-19	2011-2019	Q4	0.18%	\$122.21	\$258.67	\$320.31	\$13.60	\$71.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$786.42
Nov-19	2011-2019	Q4	0.18%	\$122.21	\$258.67	\$320.31	\$13.60	\$71.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$786.42
Dec-19	2011-2019	Q4	0.18%	\$122.21	\$258.67	\$320.31	\$13.60	\$71.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$786.42
Total for 2019				\$2,128,42	\$4,505.15	\$5,578.68	\$236.91	\$1,247.33	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$13,696.50
Amount Cleared															
Opening Balan	ce for 2020			\$2,128.42	\$4,505.15	\$5,578.68	\$236.91	\$1,247.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,696.50
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
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
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
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
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
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
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
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
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
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
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
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
Total for 2020				\$2,128.42	\$4,505.15	\$5,578.68	\$236.91	\$1,247.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,696.50
Amount Cleared	1		-												

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Ontario	Energy Board	
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Supporting Documentation: LDC Persistence Savings Results from IESO

User Inputs (Green) Drop Down List (Blue)

Instructions (Grey)

Instruction: (Steps)

Legend

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the dropdown list in Column I.

3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year i wiptementation in the future year's results rep-

5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

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

Step:	#1					#3	#2	#4	#1								#1								
Portfolio	Program	Initiative	LDC	Sector	Conservation	(Implementation)		Identify Status of Savings	Net Verified A	Annual Pe	eak Demai	nd Savings	at the En	d-User Lev	el (kW)		Net Verified	Innual Energ	y Savings	at the End-	User Leve	l (kWh)			
					Resource Type	Year	Report																		
									N	N	N	2	2	2	2	2	N	2	2		2	2	N	N	N
									2011	012	013	014	015	016	017	2018	011	012	013		014	015	016	017	018
	57	Appliance Retirement Initiative	Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence									3									18,421
		Bi-Annual Retailer Event Initiative	Newmarket Tay Power Distribution Ltd.			201	5 2016 Results Persistence	Current year savings								42									613,181
			Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence									0			-						1,429
	58	Coupon Initiative Coupon Initiative	Newmarket Tay Power Distribution Ltd. Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence 5 2016 Results Persistence									14			-						216,959
		Direct Install Lighting and Water Heating Initia					5 2016 Results Persistence									69									326,075
		Efficiency: Equipment Replacement Incentive				201	5 2016 Results Persistence	Current year savings								587									6,265,867
	135	Efficiency: Equipment Replacement Incentive	Newmarket Tay Power Distribution Ltd.			201	5 2016 Results Persistence	Adjustment								48									173,212
			Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence									93									437,557
			Newmarket Tay Power Distribution Ltd. Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence 5 2016 Results Persistence									6 237			-						29,444 450,464
	132		Newmarket Tay Power Distribution Ltd.			201	5 2016 Results Persistence	Adjustment								237									16,483
	70	Low Income Initiative	Newmarket Tay Power Distribution Ltd.			201	5 2016 Results Persistence	Current year savings								8									81,371
	65	New Construction and Major Renovation Initi	a Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence									7									34,950
		Process and Systems Upgrades Initiatives - En				201	5 2016 Results Persistence 5 2016 Results Persistence	Current year savings		-						6									21,762
			Newmarket Tay Power Distribution Ltd. Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence									10									154,373
		Save on Energy Heating & Cooling Program				201	5 2016 Results Persistence	Current year savings				1	i i			27									53,511
	74	Save on Energy Heating & Cooling Program	Newmarket Tav Power Distribution Ltd.			201	5 2016 Results Persistence	Adjustment								4									8.838
		Save on Energy Retrofit Program	Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence									21			-						112,828
		Direct Install Lighting and Water Heating Initia Save on Energy Coupon Program	Newmarket Tay Power Distribution Ltd. Newmarket Tay Power Distribution Ltd.				5 2016 Results Persistence 6 2016 Results Persistence									130			-						2.005.471
		Save on Energy Coupon Program Save on Energy Heating & Cooling Program				201	6 2016 Results Persistence	Current year savings								130			1						623.179
	140	Save on Energy Audit Funding Program	Newmarket Tay Power Distribution Ltd.				6 2016 Results Persistence					1	i i			5									39,428
	150	Save on Energy Retrofit Program	Newmarket Tav Power Distribution Ltd.			201	6 2016 Results Persistence	Current year savings								319	-				_				2.273.186
		Save on Energy Small Business Lighting Progra				201	6 2016 Results Persistence	Current year savings								1			-						9,710
		Save on Energy High Performance New Const Home Depot Home Appliance Market Uplift C					6 2016 Results Persistence			-						759			+						12,703
Tier 1			Newmarket - Tay Power Distribution Ltd.		66	201	6 2016 Results Persistence 1 2011 Results Persistence	Current year savings								9									119,575
Tier 1 - 2011 Adjustment		Bi-Annual Retailer Event	Newmarket - Tay Power Distribution Ltd.		EE		1 2012 Results Persistence					1	i i			0									7,075
Tier 1	Consumer	Conservation Instant Coupon Booklet	Newmarket - Tay Power Distribution Ltd.	Residential	EE		1 2011 Results Persistence									6									79,770
Tier 1 - 2011 Adjustment			Newmarket - Tay Power Distribution Ltd.		EE		1 2012 Results Persistence									0									1,019
Tier 1 Tier 1 - 2011 Adjustment		Direct Install Lighting Direct Install Lighting	Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.	Commercial & Institutional	EE	201	1 2011 Results Persistence 1 2012 Results Persistence	Current year savings								28			-						87,819
Tier 1			Newmarket - Tay Power Distribution Ltd.		FF		2012 Results Persistence									78									455.514
Tier 1	Consumer	Bi-Annual Retailer Event	Newmarket - Tay Power Distribution Ltd.		EE		2 2012 Results Persistence									6									88,218
Tier 1			Newmarket - Tay Power Distribution Ltd.		EE		2 2012 Results Persistence									1									4,284
Tier 1		Direct Install Lighting	Newmarket - Tay Power Distribution Ltd.		EE	201	2 2012 Results Persistence 2 2012 Results Persistence	Current year savings								51									205,740
Tier 1 Tier 1			Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE		2 2012 Results Persistence 2 2012 Results Persistence									1									47,673
Tier 1			Newmarket - Tay Power Distribution Ltd.		EE	201	2 2012 Results Persistence	Current year savings								196									329,402
Tier 1		High Performance New Construction	Newmarket - Tay Power Distribution Ltd.	Commercial & Institutional	EE	201	1 2011 Results Persistence	Current year savings								29									151,315
LDC	Pre-2011 Pro	High Performance New Construction	Newmarket - Tay Power Distribution Ltd.	Commercial	EE		1 2014 Results Persistence									29			-						127,967
LDC Tier 1		Home Assistance Program HVAC Incentives	Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE		1 2014 Results Persistence 1 2011 Results Persistence									256			-						964 470,202
Tier 1 - 2011 Adjustment		HVAC Incentives	Newmarket - Tay Power Distribution Ltd.		FF		1 2012 Results Persistence									-48									-88.548
LDC		Bi-Annual Retailer Event	Newmarket - Tay Power Distribution Ltd.	Residential	EE	201	2013 Results Persistence	Current year savings								6									83,322
LDC		Conservation Instant Coupon Booklet	Newmarket - Tav Power Distribution Ltd.	Residential	EE		3 2013 Results Persistence									3									41.478
LDC		Conservation Instant Coupon Booklet	Newmarket - Tay Power Distribution Ltd.		EE		2 2014 Results Persistence 2 2013 Results Persistence			-						0									128
LDC	Consumer	HVAC Incentives HVAC Incentives	Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE		2 2013 Results Persistence 2 2013 Results Persistence									4									7.295
LDC		HVAC Incentives	Newmarket - Tay Power Distribution Ltd.		EE		2 2014 Results Persistence						i i			0									551
Tier 1		Energy Manager	Newmarket - Tay Power Distribution Ltd.		EE	201	3 2014 Results Persistence	Adjustment								12									141,300
LDC	Consumer	Home Assistance Program	Newmarket - Tay Power Distribution Ltd.		EE		3 2013 Results Persistence									25			-						129,033
LDC Tier 1		Home Assistance Program Retrofit	Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE CC		2 2014 Results Persistence 2 2012 Results Persistence									366									1.977.349
LDC		Retrofit	Newmarket - Tay Power Distribution Etc. Newmarket - Tay Power Distribution Etc.		EE		2 2013 Results Persistence									28									1,577,345
Tier 1	Business	Retrofit	Newmarket - Tay Power Distribution Ltd.		EE	201	1 2011 Results Persistence	Current year savings								283									1,660,494
LDC	Business		Newmarket - Tay Power Distribution Ltd.		EE		2 2014 Results Persistence									15									289,779
LDC		Small Business Lighting	Newmarket - Tay Power Distribution Ltd.		EE		2 2013 Results Persistence									0									1,772
LDC		HVAC Incentives HVAC Incentives	Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE		3 2013 Results Persistence 3 2014 Results Persistence									167									285,796 22,022
LDC	Business	New Construction	Newmarket - Tay Power Distribution Etc.	Commercial & Institutional	EE		3 2013 Results Persistence									5									13,635
LDC	Business		Newmarket - Tay Power Distribution Ltd.		EE		3 2013 Results Persistence									280									1,401,472
LDC	Business	Retrofit	Newmarket - Tay Power Distribution Ltd.	Commercial	EE	201	3 2014 Results Persistence	Adjustment								36	-				_				180,855
LDC		Small Business Lighting	Newmarket - Tay Power Distribution Ltd.		EE	201	3 2013 Results Persistence	Current year savings								32			-						113,638
LDC			Newmarket - Tay Power Distribution Ltd.		EE CC		4 2014 Results Persistence 4 2014 Results Persistence									43			+						648,295 167,030
LDC		Conservation Instant Coupon Booklet Appliance Retirement	Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE		4 2014 Results Persistence									4			1						167,030
LDC			Newmarket - Tay Power Distribution Ltd.		EE		4 2014 Results Persistence									- 8			1						24,527
LDC	Home Assista	Home Assistance Program	Newmarket - Tay Power Distribution Ltd.	Residential	EE	201	4 2014 Results Persistence	Current year savings								3									28,241
LDC			Newmarket - Tay Power Distribution Ltd.		EE	201	4 2014 Results Persistence	Current year savings				T				210			1						389,384
Tier 1	Industrial		Newmarket - Tay Power Distribution Ltd. Newmarket - Tay Power Distribution Ltd.		EE	201	2011 Results Persistence 2014 Results Persistence	Current year savings								13 322			+						77.896
								concent year savings																	
LDC Tier 1		Retrofit Energy Manager			FF	201	4 2014 Results Persistence	Current year savings						1		0					1				92 907
LDC	Industrial		Newmarket - Tay Power Distribution Ltd.	Industrial	EE	201	4 2014 Results Persistence 5 2017 Results Persistence	Adjustment								0									92.807 705,702
LDC	Industrial 237 238	Energy Manager Efficiency: Equipment Replacement Incentive Direct Install Lighting and Water Heating Initia	Newmarket - Tay Power Distribution Ltd. Newmarket Tay Power Distribution Ltd.	Industrial	EE	201		Adjustment Adjustment								12									

	31 Save on Energy Heating & Cooling Program	Newmarket Tay Power Distribution Ltd.			2017 Results Persistence				3				8,802
	34 Save on Energy Audit Funding Program	Newmarket Tay Power Distribution Ltd.		2016	2017 Results Persistence	Adjustment			2				13,143
	35 Save on Energy Retrofit Program	Newmarket Tay Power Distribution Ltd.		2016	2017 Results Persistence	Adjustment			-17				163,558
3	36 Save on Energy Small Business Lighting Progra	Newmarket Tay Power Distribution Ltd.		2016	2017 Results Persistence	Adjustment			0				2.276
4	11 Save on Energy Coupon Program	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			158				2,262,142
4	12 Save on Energy Instant Discount Program	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			133				1.916.641
4	13 Save on Energy Heating & Cooling Program	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			150				507,855
4	17 Save on Energy Retrofit Program	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			630				3,432,294
4	23 Save on Energy Energy Manager Program	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			0				653
4	47 Home Energy Assessment & Retrofit LDC Innor	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			0				8,841
4	63 Whole Home Pilot Program	Newmarket Tay Power Distribution Ltd.		2017	2017 Results Persistence	Current year savings			6				51,633
	95 Process and Systems Upgrades Initiatives - En	Newmarket Tay Power Distribution Ltd			2018 Results Persistence				0				276.163
	96 Process and Systems Upgrades Initiatives - En				2018 Results Persistence				4				17.802
	97 Process and Systems Upgrades Initiatives - Ene				2018 Results Persistence				132				631.244
		Newmarket Tay Power Distribution Ltd.			2018 Results Persistence				2				17.520
	99 Save on Energy Retrofit Program	Newmarket Tay Power Distribution Ltd.			2018 Results Persistence				1				5 210
		Newmarket Tay Power Distribution Ltd.			2018 Results Persistence				321				1.924.314
	93 New Construction and Major Renovation Initia				2018 Results Persistence				0				23 775
		Newmarket Tay Power Distribution Ltd.			2018 Results Persistence				0				1.291.420
			1										
			1						1				-



User Inputs (Green)

LRAMVA Work Form: Documentation for Streetlighting Projects

Legend

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).

Distributors are encouraged to provide data in the following format, and complete a separate set of following tables for each project. The tables below are meant to be an example. Distributors should complete the tables based on the actual project details. Please create the necessary links to Tab 4/5 and tabulations within this LRAMVA workform to calculate the LRAMVA amounts. Alternatively, LDCs may submit a separate attachment with the project level details for billed demand by type of bulb.

Table 8-a: Name of Muncipality

Summary of Project #1

	Actual los	st revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction		Net kW reduction
	а	b	с	b*c
Jan 20xx	0.00			
Feb 20xx	0.00	0.00		0
Mar 20xx				
Apr 20xx				
May 20xx				
June 20xx				
Jul 20xx				
Aug 20xx				
Sep 20xx				
Oct 20xx				
Nov 20xx				
Dec 20xx				
Total				0
Persistence ir	1 20XX			
Persistence in	n 20XX			
Persistence ir	n 20XX			
Persistence in	1 20XX			

Details of Project #1 (Month, Year)

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW
	d	е	d * e
Total			0.00

Post-conversion billing demand Billing Billing amount Fixture type Wattage Quantity amount (kW) d_1 e_1 d_1*e_1 d_1 e_1 d_1*e_1 0 Image: State of the state of

Version