

November 9, 2018

Ontario Energy Board 2300 Yonge Street P.O. Box 2319 Suite 2700 Toronto, ON M4P 1E4

Dear Ms. Walli:

# Re: Newmarket-Tay Power Distribution Ltd. ("NT Power") 2019 IRM Distribution Rate Application II. Process for 2019 Incentive Regulation Mechanism (IRM) Distribution Rate Applications OEB File No. EB-2018-0052

Enclosed are two 2019 IRM distribution rate applications for NT Power's - Newmarket – Tay and NT Power's – Midland rate zones.

In Decision and Order (EB- 2017-0269) the Ontario Energy Board (the "Board"), received August 23, 2018 it granted approval for NT Power to purchase and amalgamate with Midland Power Utility Corporation ("MPUC"). NT Power confirmed the closing of the transaction was effective 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 September 17, 2018. As described in EB-2017-0269, NT Power was granted a 10-year deferred rebasing period. This will be accomplished by maintaining two separate rate zones NT Power- Newmarket - Tay and NT Power- Midland until rates are re-based.

In preparing the Application, NT Power utilized the Board's 2019 Rate Generator Model. The basis for the Application and associated models is described within the attached Application Introduction and Manager's Summary.

Please do not hesitate to contact the undersigned if you have any questions in relation to the foregoing.

Sincerely,

Michaelle Reeson

**Michelle Reesor** 

Regulatory Analyst Newmarket-Tay Power Distribution Ltd. 905-953-8548 ext 2265 <u>mreesor@nmhydro.ca</u>

EB-2018-0055 IRM 2018 Application NT Power Newmarket – Tay Rate Zone



Newmarket-Tay Power Distribution Ltd.

Newmarket – Tay Power Distribution Ltd.

# 2019 Electricity

# **Distribution Rate**

# Application

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

Board File Number EB-2018-0055

Date of Filing 11-9-2018

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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, 2019.

- 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 license (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, 2019; 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 ("NT Power – NTRZ") current rates, were effective May 1, 2018, reference EB-2017-0062. 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 has selected the Annual IR Index for the Newmarket & Tay rate zone to set rates for 2019. 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 pertaining to the Newmarket - Tay rate zone of NT Power 2019 IRM Rate Application.

#### Rate Adjustment Requests

#### Lost Revenue Adjustment Mechanism Variance Account

A Rate Rider Recovery for the Lost Revenue Adjustment Mechanism Variance Account 1568 ("LRAMVA") effective until April 30, 2020. NT Power – NTRZ is seeking the Board's approval for a one-year disposition period for the combined principal and carrying charges LRAMVA total of \$463,315 (principal amount of \$452,235 and carrying charges of \$11,080).

#### Account 1576 – Accounting Changes

In 2016 (EB-2016-0275), NT Power – NTRZ applied to establish a rate rider for interim clearance of the balance in deferral Account 1576. While these types of requests are not normally considered in an Incentive Rate Mechanism ("IRM") application, the Board has allowed it because the administrative and regulatory effort associated with maintaining and disposing the existing deferral account is not onerous. This application is requesting approval for a one-year interim clearance of the 2017 balance of Account 1576 of (\$1,614,028.33).

#### **Deferral and Variance Accounts**

NT Power – NTRZ has completed Tab 3 – 2017 Continuity Schedule and confirms the entries representing Group 1 Deferral and Variance Account balances as of December 31, 2017 are accurate. NT Power proposes to dispose of the balance of the Group 1 Deferral and Variance Accounts.

In NT Power's Decision and Rate Order for its 2018 IRM (EB-2017-0062), the OEB staff noted that the Group 1 balances were last disposed on a final basis for balances as at December 31, 2012. The OEB required a third- party special purpose audit of its Group 1 RSVA accounts be completed. NT Power engaged a third-party auditor to review the updated procedures and the third-party audit report was filed November 2, 2018 (EB-2017-0062).

#### **Distribution Rates**

NT Power applies for a Decision Order approving the proposed distribution rates and other charges set out in this Application as just and reasonable rates and charges pursuant to Section 78 of the Board Act, to be effective May 1, 2019.

If the Board is unable to provide a Decision and Order in this Application for implementation by May 1, 2019, NT Power requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the implementation date of the approved 2019 distribution rates.

If the effective date does not coincide with the Board's implementation date for 2019 distribution rates and charges, NT Power requests permission to recover the incremental revenue from the effective date to the implementation date.

#### Proposed Rates and Charges

NT Power has presented 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*. The bill impact excludes the Account 1576 rate rider being requested within this application, as this analysis is completed after the Rate Generator Model produces the bill impacts on 'Tab 20'.

#### Proposed Bill Impacts

		Consumption	Bill Imp	pact
Rate Classes/ Categories	Units	(kWh)	\$	%
Residential Service Classification - RPP	kWh	750	\$ 6.40	5.75%
Residential Service Classification - RPP (10th Percentile)	kWh	236	\$ 5.55	10.71%
General Service Less Than 50 Kw Service Classification - RPP	kWh	237,500	\$ 27.54	9.88%
General Service 50 To 4,999 Kw Service Classification - Non-RPP (Other)	kW	200	\$ (65.72)	-0.19%
Unmetered Scattered Load Service Classification - RPP	kWh	475	\$ (1.16)	-4.58%
Sentinel Lighting Service Classification - RPP	kW	474,500	\$ (0.08)	-0.13%
Street Lighting Service Classification - Non-RPP (Other)	kW	236	\$ 4,942.68	5.37%

#### 2. Contact Information

#### Primary Contact

Michelle Reesor Regulatory Analyst mreesor@nmhydro.ca 590 Steven Ct, Newmarket, ON L3Y 6Z2 Phone: (905) 953-8548 X2265 Fax: (905) 895-8931

#### Secondary Contact

Laurie Ann Cooledge Chief Financial Officer lauriec@nmhydro.ca 590 Steven Ct, Newmarket, ON L3Y 6Z2 Phone: (905) 953-8548 X2268 Fax: (905) 895-8931

#### 3. Rate Generator Model and Supplementary Workforms

NT Power has utilized the Board's 2019 IRM Rate Generator model, Global Adjustment Analysis Workform, Board Appendix 2 EC and 2-BA 1576 Continuity Schedule, Account 1595 Analysis Workform, and the Generic LRAMVA Workform in the preparation of this filing. NT Power notes that on 'Tab 3 Continuity Schedule' the disposition of 2008 to 2012 is within the row 'Disposition and Recovery/Refund of Regulatory Balances (2012)", row 31. NT Power confirms the accuracy of the 2017 billing determinants and trial balance for the prepopulated models.

#### 4. 2018 Current Tariff Sheet

Appendix 1 contains the approved 2018 Tariff Sheet dated March 20, 2018 from EB-2017-0062. The rates and charges within the tariff sheet provide the basis for the starting point from which the 2019 rates and charges are calculated using the Board's 2019 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 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 the Newmarket & Tay rate zone. NT Power – Newmarket - Tay rate zone's 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. NT Power's service areas are 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 ("MPUC"). NT Power correspondence confirmed the closing of transaction was effective 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. As described in EB-2017-0269, NT Power was granted a 10-year deferred rebasing period. This will be implemented by maintaining two separate rate zones NT Power- Newmarket - Tay and NT Power- Midland until the rates are re-based.

#### 7. Publication Notice

The persons affected by this Application are the customers within NT Power's 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
- ww.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

In addition, NT Power proposes to serve a copy of the application to the interveners on it's last Cost of Service application (EB-2009-0269).

#### 8. Accuracy of Billing Determinants

Statement: NT Power has filed the 2019 Annual Incentive Rate-Setting Application consistent with *Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications* ("Chapter 3"), last revised July 12, 2018.

NT Power confirms the accuracy of the 2018 Board Approved Tariff of Rates and Charges, and the accuracy of the billing determinants prepopulated in 'Tab 2' and, respectively, in 'Tab 4' of the 2019 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 9<sup>th</sup> day of November, 2018.

All of which is respectfully submitted,

Newmarket – Tay Power Distribution Ltd.

Paul Ferguson, President

Michelle Reesor, Regulatory Analyst

# 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.

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 resulting in the assignment of a 0.6% stretch factor. NT Power has chosen the Board's Annual IR Index established by the Board in its *October 18, 2012 Renewed Regulatory Framework for Electricity Report.* 

The 2019 Rate Generator Model for the Newmarket – Tay rate zone was adjusted from the prepopulated group two stretch factors to group four.

NT Power's rate-setting parameters are:

Annual price escalator: 1.2% Stretch factor: 0.6% Total price index: 0.6%.

## 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

The Board's Decision on NT Power's Cost of Service (EB-2009-0269) did not prescribe any phase-in period to adjust its revenue-to cost ratios.

#### 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. This will be implemented over a period of four years, beginning in 2016.

NT Power's transition to a fully-fixed monthly service charge for the residential class started on January 1, 2016.

In this Application, NT Power is seeking approval for the year of transition to continue implementing this policy effective May 1, 2019. In proposing a transition to a fully-fixed monthly service charge, NT Power has followed the approach set out in 'Tab 16. Rev2Cost\_GDPIP' of the 2019 IRM Rate Generator Model.

#### Residential Rate Design – Exceptions and Mitigation

To support the initial transition to fully fixed distribution rates, the Board designed two tests to determine when mitigation should be proposed: a threshold test for the change in the fixed charge and an overall bill impact test.

 Threshold test for change: when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility is to evaluate the total bill impact for a residential customer at the distributor's 10<sup>th</sup> consumption percentile.

NT Power – NTRZ 10<sup>th</sup> consumption percentile of residential customer consumes 236 kWh of electricity per month. Ten percent of NT Power's residential customers consume 236 kWh or less in an average month, and 90% consume more than 236 kWh in an average month. This was determined by querying monthly consumption records for all residential bills issued each month in the calendar year and sorting by consumption threshold. On a cumulative basis, the number of residential accounts in each

consumption threshold reaches the 10<sup>th</sup> percentile at 236 kWh per month, as shown in the table below.

Average Residential Monthly Consumption Threshold	Quantity of Accounts	Percent	Cumulative Number of Accounts	Cumulative Percentage
0-50 kWh	130	0%	130	0%
>25 -50 kWh	223	1%	353	1%
>50 -75 kWh	227	1%	580	2%
>75 -100 kWh	266	1%	846	3%
>100 -125 kWh	302	1%	1,148	4%
>125 -135 kWh	124	0%	1,272	4%
>135 -145 kWh	147	0%	1,419	5%
>145 -195 kWh	806	3%	2,225	7%
>195 -245 kWh	1,081	3%	3,306	11%
>245 -295 kWh	1,386	4%	4,692	15%
>295 -345 kWh	1,676	5%	6,368	20%
>345 -395 kWh	1,914	6%	8,282	26%
>395 -445 kWh	2,075	7%	10,357	33%
>445 -495 kWh	2,120	7%	12,477	40%
>495+ kWh	18,838	60%	31,315	100%
Total	31,315	100%		

#### 2017 Residential Accounts by Consumption Threshold

2. Overall Bill Impact Test: The bill impact for the 10<sup>th</sup> residential consumption percentile with 236 kWh monthly consumption is \$5.55 or 10.71%, excluding the Account 1576 rate rider. As the total bill impact with the Account 1576 rate rider exceeds 10% for RPP customers NT Power reviewed the potential need for a rate mitigation plan. The mandated variable to fixed rates for the residential customers is attributing the bill impact of the 10<sup>th</sup> percentile customers. The Account 1576 rate rider provided a significant refund for the period of May 2018- April 2019 that reduced the 10th percentile's average bill, as a result the proposed rates are more aligned with the typical bill these customers can anticipate to receive in future years. NT Power respectfully submits that no rate mitigation is required for the 10<sup>th</sup> percentile for the one-year duration bill impact.

#### Bill Impact – Residential 10th Consumption Percentile

Customer Class:	RESIDE	RESIDENTIAL SERVICE CLASSIFICATION			
RPP / Non-RPP:	RPP				
Consumption	236	kWh			
Demand	-	kW			
Current Loss Factor	1.0383				
Proposed/Approved Loss Factor	1.0383				

	Curren	t OEB-App	roved	Proposed		Impa		pact
	Rate	Volume	Charge	Rate	Volume	Charge	\$	%
	(\$)		(\$)	(\$)		(\$)	Change	Change
Monthly Service Charge	\$ 24.36	1	\$24.36	\$27.52	1	\$ 27.52	\$ 3.16	12.97%
Distribution Volumetric Rate	\$0.0038	236	\$ 0.90	\$ -	236	\$-	\$(0.90)	-100.00%
Fixed Rate Riders	\$(1.76)	1	\$(1.76)	\$ -	1	\$-	\$ 1.76	-100.00%
Volumetric Rate Riders	\$0.0010	236	\$ 0.24	\$0.0005	236	\$ 0.12	\$(0.12)	-50.00%
Sub-Total A (excluding pass through)			\$23.73			\$ 27.64	\$ 3.91	16.45%
Line Losses on Cost of Power	\$0.0820	9	\$ 0.74	\$0.0820	9	\$ 0.74	\$-	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	236	\$ -	-\$0.0040	236	\$ (0.94)	\$(0.94)	
CBR Class B Rate Riders	\$ -	236	\$ -	\$ -	236	\$-	\$-	
GA Rate Riders	\$-	236	\$ -	\$ -	236	\$-	\$-	
Low Voltage Service Charge	\$-	236	\$ -		236	\$-	\$-	
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		236	\$ -	\$ -	236	\$-	\$-	
Sub-Total B - Distribution (includes Sub-Total A)			\$25.04			\$ 28.01	\$ 2.96	11.82%
RTSR - Network	\$0.0079	245	\$ 1.94	\$0.0128	245	\$ 3.14	\$ 1.20	62.03%
RTSR - Connection and/or Line and Transformation Connection	\$0.0075	245	\$ 1.84	\$0.0121	245	\$ 2.96	\$ 1.13	61.33%
Sub-Total C - Delivery (including Sub-Total B)			\$28.82			\$ 34.11	\$ 5.29	18.35%
Wholesale Market Service Charge (WMSC)	\$0.0036	245	\$ 0.88	\$0.0036	245	\$ 0.88	\$-	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0003	245	\$ 0.07	\$0.0003	245	\$ 0.07	\$-	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$0.25	1	\$ 0.25	\$-	0.00%
TOU - Off Peak	\$0.0650	153	\$ 9.97	\$0.0650	153	\$ 9.97	\$-	0.00%
TOU - Mid Peak	\$0.0940	40	\$ 3.77	\$0.0940	40	\$ 3.77	\$-	0.00%
TOU - On Peak	\$0.1320	42	\$ 5.61	\$0.1320	42	\$ 5.61	\$-	0.00%
Total Bill on TOU (before Taxes)			\$49.37			\$ 54.66	\$ 5.29	10.71%
HST	13%		\$6.42	13%		\$ 7.11	\$ 0.69	10.71%
8% Rebate	8%		\$(3.95)	8%		\$ (4.37)	\$(0.42)	
Total Bill on TOU			\$51.84			\$ 57.39	\$ 5.55	10.71%

#### 3.2.4 Electricity Distribution Retail Transmission Service Rates

NT Power seeks changes to its Retail Transmission Service Rates as detailed in 2019 IRM Rate Generator Model ('Tabs 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 notes that Sentinel Lighting kW is not within the Rate Gen model and therefore the proposed RTSR rates are not populating for this rate class. NT Power has contacted the case manager to resolve this issue.

NT Power acknowledges that the RTSR's may be adjusted by the Board. NT Power's proposes the RTSR rates below based on the 2019 IRM Rate Generator Model:

#### Proposed RTSR

Rate Class	Unit	Current RTSR Network	Adjusted RTSR Network	Current RTSR Connection	Adjusted RTSR Connection
Residential Service Classification	\$/kWh	0.0079	0.0072	0.0075	0.0070
General Service Less Than 50 kW Service Classification	\$/kWh	0.0072	0.0066	0.0067	0.0062
General Service 50 To 4,999 kW Service Classification	\$/kW	2.8974	2.6540	2.6417	2.4578
Unmetered Scattered Load Service Classification	\$/kWh	0.0071	0.0065	0.0067	0.0062
Sentinel Lighting Service Classification	\$/kW	2.186		2.0843	
Street Lighting Service Classification	\$/kW	2.2062	2.0209	2.0399	1.8979

NT Power is a partially embedded distributor in its Tay service area whose host is HONI.

In the Board's most recent Decision and Rate Order (EB-2017-0359), new Uniform Transmission Rates were effective and are as follows:

#### Uniform Transmission Rates

Uniform Transmission Rates					
Network Service Rate	\$3.61 kW				
Line Connection Rate	\$0.95 kW				
Transformation Connection Service Rate	\$2.34 kW				

#### Other Rates and Charges

NT Power seeks continuation of the other rates and charges approved in EB-2014-0095 specifically the Allowances, Specific Service Charges, Retail Service Charges, and Loss Factors.

#### 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 Report 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, 2017 to determine if the threshold has been exceeded.

NT Power has elected to dispose of its deferral and variance account balances in this application as it exceeds the threshold test at a total claim per kWh of \$0.0010. The total amount requested for disposition is (\$1,080,666). The total claim includes an Account 1568-LRAM Variance Account balance of \$460,882.

NT Power is proposing a rate rider recovery period of one-year.

NT Power has completed the Board Staff's 2019 IRM Rate Generator model 'Tab 3 – Continuity Schedule' and has projected interest to April 30, 2019 on the December 31, 2017 balances. Actual interest has been calculated based on the Board's prescribed rates. Projected interest for the period is based on quarter 4, 2018 last Board prescribed rate of 2.17%.

Statement: NT Power confirms the accuracy of the billing determinants used in 'Tab 4' of the 2019 IRM Rate Generator model.

#### 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.

NT Power – NTRZ currently has one WMP customer in the 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 customer.

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 used the WMP's 2017 metered consumption as reported in the RRR filing section 2.1.5.4.

#### 3.2.5.2 Global Adjustment

NT Power – NTRZ had ten active class A customers for the period of July 1, 2017 to July 1, 2018.

NT Power – NTRZ has completed the Global Adjustment Analysis Workform ("GA Workform") for the period January 1, 2013 to December 31, 2017 to assist in assessing the reasonability of balances in Account 1589 (Appendix 4).

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

- NT Power bills all non-RPP customers on the 1<sup>st</sup> estimate of the GA provided by the IESO.
- NT Power bills all customers on a calendar month basis, 28 to 31 day period.
- NT Power confirms where a billing spans more than one month, 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.
- NT Power 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 for non-RPP Class B customers in each rate class.

The data provided in Note 4 of the GA Workforms reflects actual consumption from the billing system by calendar month that was audited within the Special Purpose Audit. The years 2013 to 2017 is within the +/- 1% range of total annual IESO GA charges.

Year	Unresolved Difference	Unresolved Difference as % of Expected GA Payments to IESO
2013	-\$185,367	-0.99726%
2014	-\$39,393	-0.22946%
2015	\$50,560	0.21328%
2016	\$76,495	0.21328%
2017	\$18,779	0.07368%

#### Settlement Process

NT Power determines RPP eligibility for small business customers annually (General Service less than 50 kW) 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 to settle the previous month. The settlement figures are communicated 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 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.

#### NT Power's Response

NT Power uses approach a.

#### 2. Questions on CT 1142

a. Please describe how the initial RPP related GA is determined for settlement forms submitted by day 4 after the month-end (resulting in CT 1142 on the IESO invoice).

#### NT Power's Response

The initial RPP related to GA is based on actual consumption from the CIS (NorthStar) for both RPP and non-RPP customers. The data is determined based on the Class B first estimate.

 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.

#### NT Power's Response

Yes, CT 142 is trued up on a monthly basis and included in the monthly submission to the IESO.

c. Has CT 1142 been trued up for with the IESO for all of 2017?

#### NT Power's Response

Yes, CT 1142 has been trued up with the IESO for the year 2017.

d. Which months from 2017 were trued up in 2018?

#### NT Power's Response

2018 includes the true-up for the month of November and December 2017.

e. Have all of the 2017 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding?

#### NT Power's Response

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

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

#### NT Power's Response

The Closing Principal Balances as of December 31, 2017 Adjusted for Disposition during 2018 in column BO, row 'RSVA – Global Adjustment' is \$1,162,970 for principal and \$22,514 for closing interest. The amount in the same column for 1588 is \$1,366,310.

#### 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).

#### NT Power's Response

NT Power downloads monthly usage from CIS NorthStar for RPP and Non-RPP kWh. CT 148 is then allocated proportionally to account 1588 and 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.

#### NT Power's Response

The allocation of the GA costs is based on actuals, therefore no true-up is required.

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?

#### NT Power's Response

The data used to determine the non-RPP kWh volume for recording expense in account 1589 was actual usage data from CIS NorthStar.

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?

#### NT Power's Response

NT Power had an audit of its Account 1588 and Account 1589 for 2013 to 2017 and the balances were trued-up and then audited. As NT Power can use actual consumption data, no true-up will be required in the future.

e. Please indicate which months from 2017 were trued up in 2018 for CT 148 proportions between RPP and non-RPP.

#### NT Power's Response

See explanation above. NT Power had an audit of the Account 1588 and Account 1589, therefore balances 2013 to 2017 were trued-up in 2018.

f. Are all true-ups for 2017 consumption reflected in the DVA Continuity Schedule under 2017.

#### NT Power's Response

In 2018, NT Power had a third-party audit of 2012 to 2017 balances for Account 1588 and Account 1589. The balances were adjusted in 2017 to reflect the revised balances and revised DVA continuity schedules.

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

#### NT Power's Response

See note above regarding NT Power's third-party audit.

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?

#### NT Power's Response

No, NT Power did not receive approval for disposition in its 2018 rate proceeding.

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.).

#### NT Power's Response

No principal adjustments or dispositions were approved.

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

#### NT Power's Response

No principal adjustments or dispositions were approved.

 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.

#### NT Power's Response

Below is a table that shows the amounts under principal adjustments in the DVA Continuity Schedule filed in the current proceeding.

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			

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.

#### NT Power's Response

Yes, the amounts calculated in part (d) above reconcile to the NT Power's principal adjustments shown in the DVA Continuity Schedule for the current 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.

NT Power's Response

NT Power confirms that the principal adjustments show in the DVA Continuity Schedule are reflected in the GL.

#### 3.2.5.3 Commodity Accounts 1588 and 1589

#### RPP Settlement True- Ups

NT Power – NTRZ claims the difference between RPP rates applied to RPP customers, and the sum of the corresponding consumption multiplied by the NSLS WAP and GA through the IESO settlement process (IESO Form 1598) each month. The process is completed using the meter data available from NT Power's Customer Information System ("CIS") and its wholesale settlement system, as well as from HOEP data and Ontario load data obtained from the IESO.

For the current IESO settlement month, NT Power estimates the billed customer RPP consumption from the CIS based on the previous month's actual data. For IESO settlement purposes, NT Power has setup a calculation to estimate the NSLS WAP for the current month charges based on the Ontario load and partial month NSLS. NT Power then adds the estimated GA charges based on the IESO 2<sup>nd</sup> estimate and the estimate for NSLS WAP. The amount settled with the IESO is the difference between the sum of the NSLA WAP calculation and GA minus the billed RPP commodity (TOU and tier pricing).

Each month NT Power submits a true up to the IESO for the prior month. NT Power calculates the actual charges by applying the corresponding Actual GA rate to the kWh consumption extracted from the CIS system. The monthly true-up is the difference between the Actual GA calculation minus the estimated GA submitted to the IESO based on the 2<sup>nd</sup> estimate.

#### 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.

#### Certification of Evidence- Commodity Accounts 1588 and 1589

NT Power confirms sound processes and internal controls are in place for the preparation, review, verification and oversight of the deferral and variance account balances being disposed.

#### 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 2017, NT Power had ten Class A customers for the duration of the year. Tab 6.2 CBR B of Appendix 3 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 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)

Reference Appendix 5 LRAMVA Model.

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:

- a) The results of actual, verified impacts of authorized CDM activities undertaken by NT Power; 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 is seeking disposition for the 2017 LRAMVA balance which includes the CDM savings persistence from 2015 to 2016 programs. The LRAMVA balance identified for disposition as part of this Application is \$463,315 (\$452,235 principal and \$11,080 interest); NT Power considers this balance to be significant.

#### Statement Confirming LRAMVA was based on Verified Savings Results

NT Power confirms that the LRAMVA calculation was based on data sourced from the NT Power's Final Verified Annual CDM Report and Persistence Savings Reports issued by the IESO, as per Excel file submission.

Appendix 5 presents the LRAMVA model that includes:

- 2015 and 2016 Verified Adjustments
- 2017 Verified Current Year Savings

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 LRAMVA balances identified for disposition:

Customer Class	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	\$117,917	\$2,889	\$120,806
GS<50 kW	\$130,439	\$3,196	\$133,635
GS>50 kW - Thermal Demand Meter	\$158,359	\$3,880	\$162,239
GS>50 kW - Interval Meter	\$6,719	\$165	\$6,883
Street Lighting	\$38,802	\$951	\$39,752
Total	\$452,235	\$11,080	\$463,315

#### LRAMVA Claim

Statement: NT Power is requesting a period of one-year for LRAMVA recovery due to the significance of the rate riders. NT Power requests a one-year disposition to avoid the need for two concurrent 1568 rate riders in 2020.

#### 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* (CDM – EE-20120003), NT Power has used the Board's approved volumetric rates. Carrying charges were applied on a monthly basis and are being requested to be recovered from NT Power's customers. NT Power's: LRAMVA threshold is zero as demonstrated by the LRAMVA model. No LRAMVA threshold was received in NT Power'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 the 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 \$463,315 that includes the verified actual CDM savings and carrying charges.

The Board's approved distribution rates are presented below:

	Billing Unit	EB-2013-0153	EB-2014-0095	EB-2016-0275
Rate Year		2015	2016	2017
Period 1 (# months)		0	0	4
Period 2 (# months)		12	12	8
Residential	kWh	0.0146	0.0111	0.0075
GS<50 kW	kWh	0.0195	0.0197	0.02
GS>50 kW - Thermal Demand Meter	kW	4.6711	4.7178	4.7791
GS>50 kW - Interval Meter	kW	4.8017	4.8497	4.9127
Street Lighting	kW	15.5111	15.6662	15.8699

#### **Distribution Volumetric Rates**

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 analyzes 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 actual customer participant mix for the year in question.

A summary of the annual rate class allocations is within 'Tab 3-a.' of the LRAMVA work form. NT Power populated the 'Tab 5. 2015-2020' with 2015 to 2016 persistence and 2017 current net energy savings. The relevant Board approved distribution rates were compiled within 'Tab 3. Distribution Rates' and used within the model calculations.

#### Final Verified CDM Savings

The actual CDM savings are presented in the following table:

Description	Residential	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Lighting
2017 Actuals	\$117,917	\$130,439	\$158,359	\$6,719	\$38,802
Carrying Charges	\$2,889	\$3,196	\$3,880	\$165	\$951
Total LRAMVA Balance	\$120,806	\$133,635	\$162,239	\$6,883	\$39,752

#### Final Verified CDM Savings

#### Additional Documentation or Data Statement

Statement: No additional documentation or data was provided in support of projects that was not included in the LDC's Final CDM Annual Report from the IESO.

#### Board Approved Programs Before 2014

NT Power does not have Board approved CDM programs, therefore, a separate third-party review is not required.

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

Customer Classes	Unit	LRAMVA Rate Riders
Residential	\$/kWh	\$0.0005
GS <50 kW	\$/kWh	\$0.0015

#### Proposed LRAMVA Rate Riders – Recover Period 1 Year

GS >50 kW	\$/kW	\$0.2273
Unmetered Scattered Load	\$/kWh	\$0.0000
Sentinel Lighting	\$/kW	\$0.0000
Street Lighting	\$/kW	\$5.5969

#### 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 2019 IRM Rate Generator Model ('Tab 8. STS-Tax Change' and 'Tab 9. Shared Tax-Rate Rider'), 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 incurred 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 2017 was 2.41%; which was attributed to the purchase costs of Midland Power Utility Corporation impacting OM&A expenses and the one-time weighted average cost of capital entry related to the change in useful life. The average return over the past five years was 7.78%, which is within the +/- 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 has completed the tax sharing calculations in 'Tab. 9 Shared Tax' of the 2018 IRM Rate Generator model, in accordance with Chapter 3, applying the determined 50/50 sharing of the impact on NT Power's tax rates approved by the Board. The 2019 IRM Rate Generator model generated a rate rider for each rate class for a total allocation of tax savings of (\$40,969).

#### 1595 Analysis Workform

In 2019, 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 OEB Staff to assess the residual balances in Account 1595 Sub-accounts for each vintage year are reasonable.

NT Power completed the 1595 Analysis workform with the balances for NT Power, as well as the former Tay and Newmarket rate zones separated where applicable within Appendix 6. In 2010, NT Power had a residual balance of \$22,809 with a collection/ returns variance of 0.9% for the Newmarket rate zone. In 2010, NT Power had a residual balance of \$19,688 with a variance of (3.5%) for the Tay rate zone. In 2012, NT Power had a combined residual balance of \$36,865 accounting for a 2.3% variance, below the unresolved difference of +/-10%.

The 2013 variance is attributed to an incorrect sunset date of the rate rider. Step 2 of the 1595 workform reconciles the Global Adjustment rate rider variance of \$234,172. The shared tax rate rider for 2012, 2014, 2016, and 2017 reconciled to a difference of 4.3% for a residual balance of (\$11,316), below the unresolved difference of +/-10%.

#### Appendix B: Rate Adder versus Rate Rider

#### Rate Rider for Disposition of Account 1576

NT Power is seeking a 1576 Rate Rider to continue refunding customers based on account balances as of December 31, 2017. Effective January 1, 2012, NT Power implemented new asset useful lives and has recorded the financial differences in Account 1576. NT Power proposed in the 2017 IRM application (EB-2016-0275) to clear the Account 1576 balance annually until the next Cost of Service. The 1576 Rate Rider calculation represents a request of

disposition for a rate rider refund totalling \$1,614,028 to NT Power customers over a one-year period.

#### Account 1576, Accounting Changes Under CGAAP and WACC Component

On July 17, 2012 the Board issued a statement changing the depreciation rates and capitalization policies that was to be implemented under IFRS by January 1, 2013. NT Power adopted the change effective January 1, 2012.

The account balance is being cleared through a one-year rate rider approved by the Board in NT Power's 2018 IRM Application (EB-2017-0062). NT Power is requesting approval for a one-year interim clearance of the 2017 balance of Account 1576. As mandated by the Board's letter of June 25, 2013, this balance will include a Weighted Average Cost of Capital ("WACC") component that was set at NT Power's last Cost of Service at 7.03%.

NT Power confirms that no carrying charges have been applied to these balances. NT Power will also continue to use this account until its next Cost of Service filing.

The Fixed Asset Continuity Schedules for 2012 is consistent with the Board Appendix 2 EC (Appendix 7). The 2012 year is when then the accounting policies changed and the opening balances were confirmed for cost and accumulated depreciation under CGAAP and revised CGAAP were equal. Appendix 7 is consistent with Board Appendix 2-BA 1576 Continuity Schedule and provides both CGAAP and revised CGAAP for the years 2012 to 2017 respectfully.

#### Account 1576 - Accounting Changes under CGAAP

#### 2012 Changes in Accounting Policies under CGAAP

For applicants that made capitalization and depreciation expense accounting policy changes under CGAAP effective January 1, 2012.

Reporting Basis	Rebasing Year CGAAP Forecast	2011 IRM Actual	2012 IRM Actual \$	2013 IRM Actual \$	2014 IRM Actual \$	2015 IRM Actual \$	2016 IRM Actual \$	2017 IRM Actual \$	
PP&E Values under former CGAAP									
Opening net PP&E - Note 1			51,625,726	52,120,129	52,165,032	50,542,211	58,826,636	57,274,425	
Net Additions - Note 4			4,050,759	4,336,894	-415,324	12,661,667	2,955,376	4,760,269	
Net Depreciation (amounts should be negative) - Note 4			-3,556,355	-4,291,992	-1,207,497	-4,367,243	-4,507,587	-4,309,215	
Closing net PP&E (1)			52,120,129	52,165,032	50,542,211	58,836,636	57,274,425	57,725,479	

#### PP&E Values under revised CGAAP (Starts from 2013)

Opening net PP&E - Note 1	51,625,726	53,883,098	55,285,337	55,135,557	64,799,717	64,736,570	
Net Additions - Note 4	4,050,759	3,989,479	-470,121	12,491,420	2,955,376	4,760,269	
Net Depreciation (amounts should be negative) - Note 4	-1,793,386	-2,587,241	320,342	-2,827,260	-3,018,523	-2,811,200	
Closing net PP&E (2)	53,883,098	55,285,337	55,135,557	64,799,717	64,736,570	66,685,640	
Difference in Closing net PP&E, former CGAAP vs. revised CGAAP	-1,762,969.00	-3,120,305.00	-4,593,346.12	-5,963,081.44	-7,462,145.39	-8,960,160.27	

#### Effect on Deferral and Variance Account Rate Riders

Closing balance in Account 1576	-8,960,160.27
Return on Rate Base Associated with Account 1576	
balance at WACC - Note 2	- 629,899.27
Amount included in Deferral and Variance Account Rate Rider Calculation	-9,590,059.54
2017 - 1576 Disposition for Rate Rider Calculation	-7,976,031.21
Request for 2018 - 1576 Disposition for Rate Rider Calculation	<u>-1,614,028.33</u>

WACC	7.03%
# of years of rate rider disposition period	1

#### Proposed Account 1576 Rate Rider Allocation by Customer Class

NT Power proposes that the Account 1576 Rate Rider provides customers a refund that is allocated by rate class with the unit of measure and allocator as defined in the table below. The 'Verification' calculation column within the table is a cross check of the rate riders, allocators, and occurrence of allocator values.

#### Account 1576 Rate Rider Allocation by Customer Class

Customer Class				
Account 1576 with WACC	-	1,614,028	2017 Metered kWh	% Allocation
Residential	-	670,811	260,534,762	41.56%
GS <50 kW	-	228,477	88,737,652	14.16%
GS >50 kW	-	706,582	274,428,086	43.78%
Unmetered Scattered Loads	-	686	266,413	0.04%
Sentinel Lighting	-	716	278,160	0.04%
Street Lighting	-	6,757	2,624,147	0.42%
Total	-	1,614,028	626,869,220	100.00%

#### Account 1576 Rate Rider by Customer Class

						1 Year
Customer Class	Units of Measure	2017 Allocator	Allocation of Account 1576	Occurance of Allocator	Verification	1576 Rider
Residential	# of customers	32,185	\$670,811	12	-	\$1.73686
GS <50 kW	kWh	88,737,652	\$228,477	1	-	\$ 0.00257
GS >50 kW	kW	740,036	\$706,582	1	-	\$ 0.95479
Unmetered Scattered Load	kWh	266,413	\$ 686	1	-	\$ 0.00257
Sentinel Lighting	kW	278,160	\$ 716	1	-	\$ 0.00257
Street Lighting	kW	7,065	\$6,757	1	-	\$ 0.95634
Total			\$ 1,614,028			

#### **Bill Impacts**

The bill impacts of the proposed 1576 Rate Rider are below and demonstrate the effect of both including and excluding the 1576 Rate Rider.

#### Bill Impacts of 1576 Rate Rider

		Without 1576 Rate With 1576 Adder Adder				
Customer Class	Consumption/ Demand	Billing Determinant	Impact (\$)	Impact (%)	Impact (\$)	Impact (%)
Residential	236	kWh	\$6.26	12.07%	\$5.58	11.16%
Residential	750	kWh	\$8.78	7.89%	\$6.42	5.87%
GS <50 kW	2,000	kWh	\$33.84	12.14%	\$ 47.34	18.66%
GS >50 kW	237,500	kW	\$574.09	1.62%	\$1,957.21	5.94%
Unmetered Scattered Load	200	kWh	-\$0.53	-2.08%	\$ 1.24	-0.13%
Sentinel Lighting	475	kWh	-\$0.08	-0.13%	\$2,213.90	-0.13%
Street Lighting	474,500	kW	\$ 6,036.63	6.56%	\$4,942.68	5.37%
Total						

The bill impacts without the Account 1576 Rate Rider cited in the above table is referenced from the 2019 IRM Rate Generator Model, 'Tab 20. Bill Impacts' (Appendix 3). The bill impacts with the proposed revision to the 1576 Rate Rider is sourced from Appendix 7.

# Appendix 1: NT Power's Current Tariff Sheet

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates. Charges and Loss Factors

EB-2017-0062

## **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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	24.36
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$	(1.76)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0038
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (201	8) -	
effective until April 30, 2019	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0079
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0075
MONTHLY RATES AND CHARGES - Regulatory Component		
monther nated and on ano en regulatory component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032

ψ/ΚννΠ	0.0052
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$/kWh

Effective and Implementation Date May 1, 2018

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

EB-2017-0062

### **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 Debt Retirement Charge, the Global Adjustment and the HST.

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

Service Charge	\$	30.73
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0201
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 2019	\$/kWh	0.0053
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kWh	(0.0120)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWhRural or Remote Electricity Rate Protection Charge (RRRP)\$/kWhStandard Supply Service - Administrative Charge (if applicable)\$

0.0003

0.25

Effective and Implementation Date May 1, 2018

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

EB-2017-0062

## 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.

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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	139.37
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8078
Distribution Volumetric Rate - Interval Meter	\$/kW	4.9422
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 2019	\$/kW	0.5493
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kW	(4.5352)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8974
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6417
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

\$

0.25

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2017-0062

## 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	17.75
Distribution Volumetric Rate	\$/kWh	0.0204
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kWh	(0.0132)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates. Charges and Loss Factors

EB-2017-0062

## 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.

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

Service Charge	\$	3.27
Distribution Volumetric Rate	\$/kW	12.5269
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kW	(4.1248)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1860
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0843
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates. Charges and Loss Factors

EB-2017-0062

## 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.

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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	3.21
Distribution Volumetric Rate	\$/kW	15.9651
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 2019	\$/kW	10.2771
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kW	(5.1838)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0399
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

\$

0.25

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates. Charges and Loss Factors

EB-2017-0062

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

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

Service Charge

5.40

\$

EB-2017-0062

## Newmarket - Tay Power Distribution Ltd. TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

## **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 Debt Retirement Charge, 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 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		
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	\$	22.35
(with the execution of wireless attachements)		

(with the exception of wireless attachements)

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates. Charges and Loss Factors

EB-2017-0062

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

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

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

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

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

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

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

## LOSS FACTORS

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

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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	27.52
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 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0057
effective until April 30, 2020	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0128
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0121
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

\$

0.25

Effective and Implementation Date May 1, 2019

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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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	30.91
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	0.0202
Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0057
effective until April 30, 2020	\$/kWh	0.0015
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0116
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0108
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

\$

0.25

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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

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Service Charge	\$	140.21
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8366
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30 Applicable only for Non-RPP Customers	\$/kWh	0.0057
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account effective until April 30, 2020 Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30	\$/kW	0.2273
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.7757)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30	0, 2020 \$/kW	0.3935
Distribution Volumetric Rate - Interval Meter	\$/kW	4.8366
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	(0.0138)
Retail Transmission Rate - Network Service Rate	\$/kW	0.0000

Effective and Implementation Date May 1, 2019

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EB-2018-0055

Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2019

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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.

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

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

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

Service Charge	\$	17.86
Distribution Volumetric Rate	\$/kWh	0.0205
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0000
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0000
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

## 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.

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

\$	3.29
\$/kW	12.6021
\$/kWh	(0.0010)
\$/kWh	(0.0002)
\$/kW	0.0000
\$/kW	0.0000
\$/kWh	0.0032
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$/kW \$/kWh \$/kWh \$/kW \$/kWh \$/kWh \$/kWh

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.

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

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

Service Charge	\$	3.23
Distribution Volumetric Rate	\$/kW	16.0609
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0057
effective until April 30, 2020	\$/kW	5.5969
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.3858)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kW	(0.1847)
Retail Transmission Rate - Network Service Rate	\$/kW	3.5610
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	3.2937

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

Effective and Implementation Date May 1, 2019

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

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

Effective and Implementation Date May 1, 2019

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2018-0055

## 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.

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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.

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#### **Customer Administration**

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00

Effective and Implementation Date May 1, 2019

This schedule supersedes and replaces all previously

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EB-2018-0055

		EB-2010-0033
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		
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	\$	22.35
(with the exception of wireless attachements)		

## **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.

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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

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

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0383
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0279

Newmarket – Tay Power Distribution Ltd. EB-2018-0055 IRM 2018 Application

# Appendix 3: 2018 IRM Rate Generator

(Presented in PDF and Excel Format)

Contario Energy Board

# **Incentive Regulation Model for 2019 Filers**

2.0

			Vers
Utility Name	Newmarket - Tay Power Distribution	ution Ltd.	
Assigned EB Number	EB-2018-0055		
Name of Contact and Title	Michelle Reesor, Regulatory		
Phone Number	905-953-8548		
Email Address	mreesor@nmhydro.ca		
We are applying for rates effective	May-01-19		
Rate-Setting Method	Annual IR Index		
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2012		
Please indicate the last Cost of Service Re-Basing Year	2010		
Legend			
Pale green cells represent input co	ells.		
Pale blue cells represent drop-dov	wn lists. The applicant should select	the appropriate item from t	ne drop-down list.
Pale grey cell represent auto-popul	ulated RRR data		
White cells contain fixed values, a	automatically generated values or for	mulae.	
Note: 1. Rate year of application			

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM ap plication. 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 asisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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

## Newmarket - Tay Power Distribution Ltd. TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0062

## **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

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

Service Charge	\$	24.36
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$	(1.76)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	\$/kWh	0.0038
until April 30, 2019	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0079
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0075
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

2. Current Tariff Schedule

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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

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

Service Charge	\$	30.73
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	\$/kWh	0.0201
until April 30, 2019	\$/kWh	0.0053
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kWh	(0.0120)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067

#### MONTHLY RATES AND CHARGES - Regulatory Component

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

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

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.

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

Service Charge	\$	139.37
Distribution Volumetric Rate - Thermal Demand Meter	\$/kW	4.8078
Distribution Volumetric Rate - Interval Meter Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	\$/kW	4.9422
until April 30, 2019	\$/kW	0.5493
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kW	(4.5352)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8974
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6417
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

Standard Supply Service - Administrative Charge (if applicable)

0.25

\$

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account 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

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Service Charge	\$	17.75
Distribution Volumetric Rate	\$/kWh	0.0204
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kWh	(0.0132)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032

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

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to 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

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Service Charge	\$	3.27
Distribution Volumetric Rate	\$/kW	12.5269
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kW	(4.1248)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1860
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0843
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### 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.

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

Service Charge	\$	3.21
Distribution Volumetric Rate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	\$/kW	15.9651
until April 30, 2019	\$/kW	10.2771
Rate Rider for Disposition of Account 1576 - effective until April 30, 2019	\$/kW	(5.1838)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0399
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

0.25

\$

### microFIT SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.85)
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 Debt Retirement Charge, 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)	2. Current Tariff Schedule	<sup>\$</sup> Issued Mon	15.00 th day, Year

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# **icentive Regulation Model for 2019 Filers**

Returned cheque (plus bank charges)	\$	15.0
Legal letter charge	\$	15.0
Special meter reads	\$	30.0
Account set up charge/change of occupancy charge (plus credit agency costs if applicable) - residential	\$	26.0
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.0
Non-Payment of Account		
Late payment - per month	%	1.5
Late payment - per annum	%	19.5
Collection of account charge - no disconnection	\$	23.0
Disconnect/reconnect at meter - during regular hours	\$	50.0
Disconnect/reconnect at meter - after regular hours	\$	185.0
Disconnect/reconnect at pole - during regular hours	\$	185.0
Disconnect/reconnect at pole - after regular hours	\$	415.0
Install/remove load control device - during regular hours	\$	50.0
Install/remove load control device - after regular hours	\$	185.0
Other		
Service call - customer owned equipment	\$	30.0
Service call - after regular hours	\$	165.0
Temporary service - install & remove - underground - no transformer	\$	500.0
Temporary service - install & remove - overhead - no transformer	\$	300.0
Temporary service - install & remove - overhead - with transformer	\$	1,000.0
Specific charge for access to the power poles - \$/pole/year	\$	22.3

(with the exception of wireless attachements)

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

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		

Request fee, per request, applied to the requesting party Tariff Schedule

s Issued Month day

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# **ncentive Regulation Model for 2019 Filers**

Processing fee, per request, applied to the requesting party	\$ 0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail	
Settlement Code directly to retailers and customers, if not delivered electronically through the	
Electronic Business Transaction (EBT) system, applied to the requesting party	
Up to twice a year	\$ no charge
More than twice a year, per request (plus incremental delivery costs)	\$ 2.00

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0383
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0279

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						2012		
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012
Group 1 Accounts								
LV Variance Account	1550	55,095	91,568	0	0	146,663	(722)	516
Smart Metering Entity Charge Variance Account	1551	0	0	0	0	0	0	0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(1,339,485)	(997,420)	0	0	(2,336,905)	(16,690)	(25,823)
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580	0	0	0	0	0	0	0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580	0	0	0	0	0	0	0
RSVA - Retail Transmission Network Charge	1584	819,601	643,836	0	0	.,,	13,392	15,150
RSVA - Retail Transmission Connection Charge	1586	578,233	(233,175)	0	0	345,058	6,923	7,489
RSVA - Power <sup>4</sup>	1588	(782,184)	(314,987)	0	0	(1,097,171)	9,909	650
RSVA - Global Adjustment <sup>4</sup>	1589	1,163,148	(442,279)	0	0	720,869	47,214	12,930
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	1,014,248	(1,578,483)	0	0	(564,235)	44,211	(40,356)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup> Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0	0	0	0	0	0	0
RSVA - Global Adjustment	1589	1,163,148	(442,279)	0	0	720,869	47,214	12,930
Total Group 1 Balance excluding Account 1589 - Global Adjustment		345,508	(2,388,661)	0	0	(2,043,153)	57,023	(42,374)
Total Group 1 Balance		1,508,656	(2,830,940)	0	0	(1,322,284)	104,237	(29,444)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568							
Total including Account 1568		1,508,656	(2,830,940)	0	0	(1,322,284)	104,237	(29,444)

							2013						
OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013	Opening Principal Amounts as of Jan 1, 2014
		(206)	146,663	93,453			240,116	(206)	1,609			1,403	240,116
		0	0	0			0	0				0	0
		(42,513)	(2,336,905)	(406,115)			(2,743,020)	(42,513)	(36,595)			(79,108)	(2,743,020)
		0	0	0			0	0	0			0	0
		0	0	0			0	0	0			0	0
		28,542		97,238			1,560,675	28,542				51,515	
		14,412		276,199			621,257	14,412				35,883	
		10,559		(1,739,773)			(2,836,944)	10,559				21,155	
		60,144		1,989,006			2,709,875	60,144				76,953	
		3,855		61,238			(502,997)	3,855				5,956	(502,997)
		0	0	0			0	0	0			0	C
		0	0	0			0	0	0			0	
		0	0	0			0	0	0			0	C
		0	0	0			0	0	0			0	C
		0	0	0			0	0	0			0	C
		0	0	0			0	0	0			0	0
0	0	60,144	720,869	1,989,006	0	0	2,709,875	60,144	16,809	0	C	76,953	2,709,875
0	0	,		(1,617,760)	0	0		14,649	,	0	0		, ,
0	0	74,793	(1,322,284)	371,246	0	0	(951,038)	74,793	38,964	0	0	113,757	(951,038)
							0					0	(
0	0	74,793	(1,322,284)	371,246	0	0	(951,038)	74,793	38,964	0	C	113,757	(951,038)

			2014									
Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> during 2015
93,682	146,457	0	187,341	1,403	1,279	2,848		(166)	187,341	7,157		ſ
51,769	0		51,769	0	0	2,010		0	51,769	(3,524)		(
(62,239)	(2,336,905)	0	(468,354)	(79,108)	(10,846)	(90,377)		423	(468,354)	(1,285,630)		C
0	0		0	0	0	0		0	0	0		C
0	0	0	0	0	0	0		0	0	169,177		C
66,946	1,463,437	0	164,184	51,515	9,791	58,249		3,057	164,184	(57,647)		(
210,796	359,470	0	472,583	35,883	(8,080)	21,385		6,418	472,583	242,900		(
138,000	(1,097,652)	0	(1,601,292)	21,155	4,687	(8,901)		34,743	(1,601,292)	(311,457)		397,034
0	720,868	0	1,989,007	76,953	0	71,998		4,955	1,989,007	355,336		(397,034
0	0	0	(502,997)	5,956	0	0		5,956	(502,997)	0		(
0	0	0	0	0	0	0		0	0	0		(
0	0	0	0	0	0	0		0	0	0		(
0	0	0	0	0	0	0		0	0	0		(
0	0	0	0	0	0	0		0	0	0		(
0	0	0	0	0	0	0		0	0	0		(
0	0	0	0	0	0	0		0	0	0		(
0	720,868	0	1,989,007	76,953	0	71,998	0	4,955	1,989,007	355,336	C	(397,034
498,954	(1,465,193)			36,804	(3,169)	(16,796)	0		(1,696,766)	(1,239,024)	C	1
498,954	(744,325)	0	N 1 1 1 1	113,757	(3,169)	55,202	0		292,241	(883,688)	C	
			0	0				0	0	1,367		
498,954	(744,325)	0	292,241	113,757	(3,169)	55,202	0	55,386	292,241	(882,321)	C	

2015										2016			
Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016
194,498	(166)	1,912			1,746	194,498	303,636			498,134	1,746	2,886	
48,245	(100)	0			1,740	48,245	(4,742)			43,503	1,740	377	
(1,753,984)	423	(8,487)			(8,064)	(1,753,984)	(310,949)			(2,064,933)	(8,064)	(19,486)	
(1,100,001)	0	0			(0,00 !)	(1,100,001)	(0.0,0.0)			(_,000,,000)	(0,00 !)	0	
169,177	0	559			559	169,177	(169,177)			0	559	(559)	
106,537	3,057	4,348			7,405	106,537	(322,657)			(216,119)	7,405	(19)	
715,483	6,418	7,089			13,507	715,483	(189,578)			525,905	13,507	7,235	
(1,515,715)	34,743	36,482			71,225	(1,515,715)	159,481			(1,356,234)	71,225	(34,702)	
1,947,309	4,955	10,127			15,082	1,947,309	(570,934)			1,376,375	15,082	39,450	
(502,997)	5,956	0			5,956	(502,997)	270,709			(232,287)	5,956	(10,508)	
0	0	0			0	0	0			0	0	0	
0	0	0			0	0	0			0	0	0	
0	0	0			0	0	0			0	0	0	
0	0	0			0	0	0			0	0	0	
0	0	0			0	0	0			0	0	0	
0	0	Ū			°	Ů	Ű			°,	Ũ	Ŭ	
0	0	0			0	0	0			0	0	0	
1,947,309	4,955	10,127	0		- ,	1,947,309	(570,934)	0		,,	15,082	39,450	0
(2,538,756)	50,431	41,904	0		- ,	(2,538,756)	(263,275)	0	-	(_,,	92,335	(54,777)	0
(591,447)	55,386	52,030	0	0	107,416	(591,447)	(834,210)	0	0	(1,425,656)	107,416	(15,328)	0
1,367	0				0	1,367	1,196,023	1,196,023		1,367	0	0	0
(590,080)	55,386	52,030	0	0	107,416	(590,080)	361,813	1,196,023	0	(1,424,289)	107,416	(15,328)	0

						2017							2
Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017	Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB
	4,632	498,134	159,229		0	657,362	4,632	4,680		0	9,312		
	377		(5,287)		0	38,216	377			0			
	(27,550)	(2,064,933)	(564,248)		5,638	(2,623,543)	(27,550)	(26,132)		1,388	(52,294)		
	0	0	0		0	0	0	0		0	0		
	0	0	0		0	0	0	0		0	0		
	7,386		(260,013)		0	(476,132)	7,386			0	.,		
	20,743		(99,901)		0		20,743			0	,.		
	36,523		(826,620)		3,549,164	1,366,310	36,523			(9,135)	39,179		
	54,531		342,237		(555,642)	1,162,970	54,531	12,820		(44,837)			
	(4,552)		1,506		0	(230,782)	(4,552)			0			
	0	0	0		0	0	0			0			
	0	0	0		0	0	0			0	Ũ		
	0	0	0		0	0	0			0	Ũ		
	0	0	0		0	0	0			0	Ũ		
	0	0	0		0	0	0			0	0		
	0	0	0		0	0	0			0	0		
C	54,531	1,376,375	342,237	0	(555,642)	1,162,970	54,531	12,820	0	(44,837)	22,514	0	0
0			(1,595,335)	0	1	(842,565)	37,557	(8,345)	0	(7,747)	21,465	0	0
C	92,089	(1,425,656)	(1,253,098)	0	2,999,160	320,405	92,089	4,475	0	(52,584)	43,980	0	0
	0	1,367	452,235	0		453,602	0	11,080			11,080		
C	92,089	(1,424,289)	(800,863)	0	2,999,160	774,008	92,089	15,554	0	(52,584)	55,059	0	0

018		Pı	rojected Interest	on Dec-31-17 E	Balances	2.1.7 RRR	
Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)
657,362	0.242	14.265	4,755	28,331	685.69	3 666,675	1
38,216	9,312 1,501	829	4,755	26,331			
(2,623,543)	(52,294)	(56,931)	(18,977)	(128,202)			(7,026)
(1,020,010)	(02,204)	(00,001)	(10,017)	(120,202)		0 1,385	
0	0	0	0	0		490,832	
(476,132)	4,144	(10,332)	(3,444)	(9,632)		,	(0)
426,004	26,947	9,244	3,081	39,272		6 452,951	0
1,366,310	39,179	29,649	9,883	78,711	1,445,02	1 2,667,105	1,261,616
1,162,970	22,514	25,236	8,412	56,163	1,219,13	3 1,737,124	551,639
(230,782)	(7,324)	(5,008)	(1,669)	(14,001)	Check to Dispose of	0 (57,805)	180,300
0	0	0	0	0	Check to Dispose of	0 0	0
0	0	0	0	0	□Check to Dispose of	0 0	0
0	0	0	0	0	Check to Dispose of	0 0	0
0	0	0	0	0	Check to Dispose of	0 0	0
0	0	0	0	0	Check to Dispose of	0 0	0
0	0	0	0	0	Check to Dispose of	D	0
1,162,970	22,514	25,236	8,412	56,163	1,219,13	3 1,737,124	551,639
(842,565)	21,465	(18,284)	(6,095)	(2,913)			
320,405	43,980	6,953	2,318	53,250	618,43	2,350,916	1,986,531
453,602	11,080			11,080	464,68	2 1,367	(463,315)
774,008	55,059	6,953	2,318	64,330	1,083,12	2,352,283	1,523,215

## **Incentive Regulation Model for 2019 Filers**

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

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

If you have identified any issues, please contact the OEB.

If a distributor uses the actual GA price to bill non-RPP Class B cu class, it must exclude these customers from the allocation of the G calculation of the resulting rate riders. These rate classes are not t the general GA rate rider as they did not contribute to the GA bala

Please contact the OEB to make adjustments to the IRM rate gene

Rate Class	Unit	Total Metered <mark>kWh</mark>	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non- RPP Customers (excluding WMP)	Wholesale Market	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	260,534,761	0	9,541,535	0	0	0	260,534,761	0	120,806	32,185
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	88,737,653	0	15,601,122	0	0	0	88,737,653	0	133,635	3,156
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	274,428,087	740,035	250,397,802	730,421	4,601,246	9614	269,826,841	730,421	169,122	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	266,413	0	0	0	0	0	266,413	0	0	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	278,160	0	0	0	0	0	278,160	0	0	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,624,147	7,065	2,540,277	7,065	0	0	2,624,147	7,065	39,752	
	Total	626,869,221	747,100	278,080,736	737,486	4,601,246	9,614	622,267,975	737,486	463,315	35,341

#### Threshold Test

Total Claim (including Account 1568)	\$1,083,120
Total Claim for Threshold Test (All Group 1 Accounts)	\$618,438
Threshold Test (Total claim per kWh) <sup>2</sup>	\$0.0010

 1568 Account Balance from Continuity Schedule
 464,682

 Total Balance of Account 1568 in Column S DOES NOT MATCH the amount entered on the Continuity Schedule

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

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

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

# **Incentive Regulation Model for 2019 Filers**

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

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

		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP	
Rate Class	% of Total kWh		WMP	1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	41.6%	91.1%	41.9%	284,983	37,177	(1,152,116)	(201,890)	193,375	605,010	120,806
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.2%	8.9%	14.3%	97,065	3,645	(392,409)	(68,763)	65,863	206,065	133,635
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	43.8%	0.0%	43.4%	300,180	0	(1,193,207)	(212,656)	203,687	626,588	169,122
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	291	0	(1,178)	(206)	198	619	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	304	0	(1,230)	(216)	206	646	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	2,870	0	(11,604)	(2,033)	1,948	6,094	39,752
Total	100.0%	100.0%	100.0%	685,693	40,822	(2,751,745)	(485,764)	465,276	1,445,021	463,315

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

K	Ontario Energy Board	on Model for 2019 Filers
1	Please select the Year the Account 1580 CBR Class B was Last Disposed.	(e.g. If in the 2018 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2016, enter 2016.)
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to 2017)?	(e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA Yes variance accumulated would be 2016 and 2017.)
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to 2017)?	(e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B Yes variance accumulated would be 2017.)

Enter the number of transition customers you had during the period the 3a Account 1589 GA balance accumulated.

10

#### Transition Customers - Non-loss Adjusted Billing Determinants by Customer

			20	17	20	16	20	15
Customer	Rate Class		January to June	July to December	January to June	July to December	January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,777,198	1,868,993	1,646,941	1,942,054	-	-
		kW	2,900	3,007	2,628	3,150	-	-
		Class A/B	В	A	В	В	В	В
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,366,778	2,490,417	2,219,847	2,339,113	2,049,153	2,161,147
		kW	4,672	4,714	4,352	4,575	4,083	4,238
		Class A/B	В	A	В	В	В	В
Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,392,261	1,317,985	1,463,849	1,363,591	-	716,256
		kW	5,010	5,158	5,140	4,825	-	2,651
		Class A/B	В	A	В	В	В	В
Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,271,803	1,905,701	2,232,997	2,446,622	2,373,633	2,341,225
		kW	4,917	4,288	4,406	4,881	4,658	4,468
		Class A/B	В	A	В	В	В	В
Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,488,282	2,582,751	2,301,207	2,678,122	804,367	2,497,078
		kW	5,972	6,068	5,241	6,370	1,991	5,920
		Class A/B	В	A	В	В	В	В
Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,437,505	3,816,825	-	-	-	-
		kW	5,088	8,048	-	-	-	-
		Class A/B	В	A	В	В	В	В
Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,394,213	3,506,772	3,076,915	3,372,679	2,523,995	2,613,634
		kW	6,097	6,306	5,318	6,059	4,347	4,238
		Class A/B	В	A	В	В	В	В
Customer 8	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	9,120,658	10,591,992	4,747,815	11,111,697	-	-
1		kW	15,745	18,278	8,556	19,979	-	-
		Class A/B	В	A	В	В	В	В
Customer 9	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	3,094,765	3,671,380	1,009,474	3,592,703	-	-

		kW	6,639	7,009	2,219	7,040	-	-
		Class A/B	В	A	В	В	В	В
Customer 10	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,529,665	2,884,090	-	1,225,019	-	-
		kW	4,709	5,627	-	2,545	-	-
		Class A/B	В	A	В	В	В	В

Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition	
between Class A and B).	

3b

Class A Customers - Billing Determinants by Customer

	Customer	Rate Class	2017	2016	2015
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# **Incentive Regulation Model for 2019 Filers**

This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed



#### Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2017	2016	2015
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	-			
Transition Customers' Class B Consumption (i.e. full year or partial year)	В	97,724,260	30,873,129	48,770,644	18,080,487
Transition Customers' Portion of Total Consumption	C=B/A	0.00%			

#### Allocation of Total GA Balance \$

Total GA Balance	D	\$ 1,219,133
Transition Customers Portion of GA Balance	E=C*D	\$ -
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	F=D-E	\$ 1,219,133

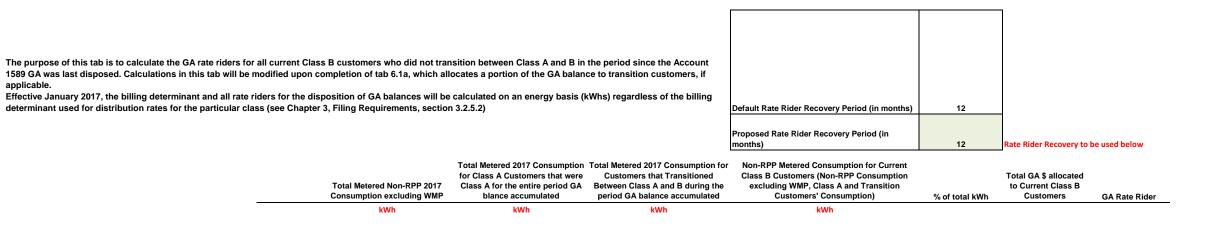
#### Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	10						
Customer	· · · · · · · · · · · · · · · · · · ·	Transition Customers During the Period When They Were Class B	Transition Customers During the Period When They Were	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2015		When They Were a Class B	Monthly Equal Payments
Customer 1	5,366,192	1,777,198	3,588,995	0	5.49%	\$ -	\$ -
Customer 2	11,136,037	2,366,778	4,558,960	4,210,300	11.40%	\$ -	\$ -
Customer 3	4,935,957	1,392,261	2,827,440	716,256	5.05%	\$ -	\$ -
Customer 4	11,666,281	2,271,803	4,679,620	4,714,858	11.94%	\$ -	\$ -

Customer 5	10,769,056	2,488,282	4,979,329	3,301,445	11.02%	\$ - \$ -
Customer 6	2,437,505	2,437,505	0	0	2.49%	\$-\$-
Customer 7	14,981,436	5 3,394,213	6,449,594	5,137,629	15.33%	\$-\$-
Customer 8	24,980,170	9,120,658	15,859,512	0	25.56%	\$ - \$ -
Customer 9	7,696,942	3,094,765	4,602,177	0	7.88%	\$-\$-
Customer 10	3,754,684	2,529,665	1,225,019	0	3.84%	\$-\$-
Total	97,724,260	30,873,129	48,770,644	18,080,487	100.00%	\$ -

applicable.

# **Incentive Regulation Model for 2019 Filers**





This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Please enter the Year the Account 1580 CBR Class B was Never Last Disposed. Dispose

Disposed (N

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

#### Allocation of total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2017	2016	2015
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	30,965,525	30,965,525		
Transition Customers' Class B Consumption (i.e. full year or partial year)	В	79,643,773	30,873,129	48,770,644	1
Transition Customers' Portion of Total Consumption	C=B/A	257.20%	92,397	- 48,770,644	- 1

#### Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	D	\$ -
Transition Customers Portion of CBR Class B Balance	E=D*C	\$ -
CBR Class B Balance to be disposed to Current Class B Customers		
through Rate Rider	F=D-E	\$ -

#### Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	10							
Customer	Total Metered Class B Consumption (kWh) for Transitio Customers During the Period Wh They were Class B Customers		Metered Class B Consumption (kWh) for Transition Customers During the Period When They	(kWh) for Transition Customers		Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equa	al
Customer 1	5,366,1	92 1,777,198	3,588,995	-	6.74%	\$ -	\$ -	
Customer 2	6,925,7	38 2,366,778	4,558,960	4,210,300	8.70%	\$ -	\$ -	
Customer 3	4,219,7	01 1,392,261	2,827,440	716,256	5.30%	\$ -	\$ -	
Customer 4	6,951,4	22 2,271,803	4,679,620	4,714,858	8.73%	\$ -	\$ -	
Customer 5	7,467,6	11 2,488,282	4,979,329	3,301,445	9.38%	\$ -	\$ -	
Customer 6	2,437,5	05 2,437,505	-	-	3.06%	\$ -	\$ -	

Customer 7	9,843,808	3,394,213	6,449,594	5,137,629	12.36%	\$ -	\$ -
Customer 8	24,980,170	9,120,658	15,859,512	-	31.36%	\$ -	\$ -
Customer 9	7,696,942	3,094,765	4,602,177	-	9.66%	\$ -	\$ -
Customer 10	3,754,684	2,529,665	1,225,019	-	4.71%	\$ -	\$ -
Total	79,643,773	30,873,129	48,770,644	18,080,487	100.00%	\$ -	\$ -

## **Incentive Regulation Model for 2019 Filers**

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed. Disposed

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

		Total Metered 20 Class A customer Total Metered 2017 Consumption the entire period Minus WMP accu			re Class A for ss B balance	Total Metered 2017 Consump that Transitioned Between Cl the period CBR Class B bala	Metered Consumption for Co Customers (Total Consumption A and Transition Customers'	Total CBR Class B \$ allocated to Current % of total kWh Class B Customers		CBR Class B Rate Rider	Unit		
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	260,534,761	0	0	0	0	0	260,534,761	0	46.8%	\$0	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	88,737,653	0	0	0	0	0	88,737,653	0	15.9%	\$0	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	269,826,841	730,421	0	0	65,510,034	130,252	204,316,807	600,169	36.7%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	266,413	0	0	0	0	0	266,413	0	0.0%	\$0	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	278,160	0	0	0	0	0	278,160	0	0.0%	\$0	\$0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,624,147	7,065	0	0	0	0	2,624,147	7,065	0.5%	\$0	\$0.0000	kW
	Total	622,267,975	737,486	0	0	65,510,034	130,252	556,757,941	607,234	100.0%	\$0		

# **Incentive Regulation Model for 2019 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

 12
 Rate Rider Recovery to be used below

12 Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes <sup>2</sup>	Allocation of Group 1 Account Balances to Non- WMP Classes Only (If Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	Revenue Reconcilation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	260,534,761	0	260,534,761	0	(233,462)		(0.0009)	0.0000	0.0005	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	88,737,653	0	88,737,653	0	(88,534)		(0.0010)	0.0000	0.0015	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	274,428,087	740,035	269,826,841	730,421	291,211	(566,619)	0.3935	(0.7757)	0.2285	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	266,413	0	266,413	0	(277)		(0.0010)	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	278,160	0	278,160	0	(289)		(0.0010)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,624,147	7,065	2,624,147	7,065	(2,726)		(0.3858)	0.0000	5.6266	
											(601,872.99)

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately. <sup>2</sup> Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

# **Incentive Regulation Model for 2019 Filers**

### Summary - Sharing of Tax Change Forecast Amounts

For the 2010 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2010		2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB- Approved Rate Base)	62,007,908	\$	62,007,908
Deduction from taxable capital up to \$15,000,000	\$ 15,000,000	\$	15,000,000
Net Taxable Capital	\$ 47,007,908	\$	47,007,908
Rate	0.00%		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$	-
2. Tax Related Amounts Forecast from Income Tax Rate Changes			
Regulatory Taxable Income	\$ 2,476,791	\$	2,476,791
Corporate Tax Rate	28.25%		26.50%
Tax Impact	\$ 699,693	\$	656,350
Grossed-up Tax Amount	\$ 974,930	\$	892,993
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 974,930	\$	892,993
Total Tax Related Amounts	\$ 974,930	\$	892,993
Incremental Tax Savings		-\$	81,937
Sharing of Tax Amount (50%)		-\$	40,969

## **Incentive Regulation Model for 2019 Filers**

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

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

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	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	kWh	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	kWh	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	kWh	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	260,534,761		-22,419	-0.06	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	88,737,653		-6,890	-0.0001	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	274,428,087	740,035	-10,216	-0.0138	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	266,413		-75	-0.0003	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	278,160		-64	-0.0002	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,624,147	7,065	-1,305	-0.1847	kW
Total		626,869,221	747,100	-\$40,969		

# **Incentive Regulation Model for 2019 Filers**

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0079	260,534,761	0	1.0383	270,513,242
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0075	260,534,761	0	1.0383	270,513,242
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	88,737,653	0	1.0383	92,136,305
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	88,737,653	0	1.0383	92,136,305
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8974	274,428,087	740,035		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6417	274,428,087	740,035		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	266,413	0	1.0383	276,617
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	266,413	0	1.0383	276,617
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1860	278,160	0		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0843	278,160	0		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2062	2,624,147	7,065		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0399	2,624,147	7,065		

# **Incentive Regulation Model for 2019 Filers**

Uniform Transmission Rates	Unit	2017		2018		2019
Rate Description		Rate		Rate		Rate
· Network Service Rate	kW	\$ :	3.66 \$	3.61	\$	3.61
Line Connection Service Rate	kW	\$ (	).87 \$	0.95	\$	0.95
Transformation Connection Service Rate	kW	\$ :	2.02 \$	2.34	\$	2.34
Hydro One Sub-Transmission Rates	Unit	2017		2018		2019
Rate Description		Rate		Rate		Rate
Network Service Rate	kW	\$ 3.1	942 \$	3.1942	\$	3.1942
Line Connection Service Rate	kW	\$ 0.7	710 \$	0.7710	\$	0.7710
Transformation Connection Service Rate	kW	\$ 1.7	493 \$	1.7493	\$	1.7493
Both Line and Transformation Connection Service Rate	kW	\$ 2.5	203 \$	2.5203	\$	2.5203
If needed, add extra host here. (I)	Unit	2017		2018		2019
Rate Description		Rate		Rate		Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	- \$	-	\$	-
If needed, add extra host here. (II)	Unit	2017		2018		2019
Rate Description		Rate		Rate		Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	- \$	-	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	Historical 2017		Current 2018	,	Forecast 2019

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

IESO		Network			Lir	ne Connec	tion		Transfo	mation Co	onne	ction	Tot	al Connection
Month	Units Billed	Rate		Amount	Units Billed	Rate		Amount	Units Billed	Rate		Amount		Amount
January	95,145	\$3.66	\$	348,231	98,384	\$0.87	\$	85,594	98,384	\$2.02	\$	198,736	\$	284,330
February	91,036	\$3.66	\$	333,192	91,711	\$0.87	\$	79,789	91,711	\$2.02	\$	185,256	\$	265,045
March	86,723	\$3.66	\$	317,406	92,801	\$0.87	\$	80,737	92,801	\$2.02	\$	187,458	\$	268,195
April	81,256	\$3.66	\$	297,397	84,088	\$0.87	\$	73,157	84,088	\$2.02	\$	169,858	\$	243,014
May	87,508	\$3.66	\$	320,279	99,315	\$0.87	\$	86,404	99,315	\$2.02	\$	200,616	\$	287,020
June	119,069	\$3.66	\$	435,793	121,556	\$0.87	\$	105,754	121,556	\$2.02	\$	245,543	\$	351,297
July	116,610	\$3.66	\$	426,793	120,448	\$0.87	\$	104,790	120,448	\$2.02	\$	243,305	\$	348,095
August	113,490	\$3.66	\$	415,373	117,298	\$0.87	\$	102,049	117,298	\$2.02	\$	236,942	\$	338,991
September	122,451	\$3.66	\$	448,171	128,674	\$0.87	\$	111,946	128,674	\$2.02	\$	259,921	\$	371,868
October	80,579	\$3.66	\$	294,919	85,159	\$0.87	\$	74,088	85,159	\$2.02	\$	172,021	\$	246,110
November	89,412	\$3.66	\$	327,247	94,213	\$0.87	\$	81,965	94,213	\$2.02	\$	190,310	\$	272,276
December	95,280	\$3.66	\$	348,725	98,233	\$0.87	\$	85,463	98,233	\$2.02	\$	198,431	\$	283,893
Total	1,178,559	\$ 3.6	6 \$	4,313,525	1.231.880	\$ 0.87	\$	1.071.736	1.231.880	\$ 2.02	\$	2,488,398	\$	3,560,133
	1,170,000	φ 3.0	φ 00	4,010,020	1,201,000	φ 0.01	-	.,	.,,					
Hydro One	1,110,555	Network	ο φ	4,010,020		ne Connec		.,		rmation Co	onne	ction	Tot	al Connection
Hydro One Month	Units Billed	•	<del>,</del>	Amount			tion	Amount		rmation Co Rate		ction Amount	Tot	al Connection Amount
,		Network	\$		Lir	ne Connec	tion		Transfo				Tot \$	
Month	Units Billed	Network		Amount	Lir Units Billed	Rate	tion	Amount	Transfo Units Billed	Rate \$1.7713		Amount		Amount
<b>Month</b> January	Units Billed 8,788	Network Rate \$3.3396	\$	Amount 29,350	Lir Units Billed 9,360	Rate \$0.7791 \$0.7710	tion \$	Amount 7,292	Transfo Units Billed 9,360	Rate \$1.7713 \$1.7493	\$	Amount 16,579	\$	Amount 23,871 23,036
<b>Month</b> January February	Units Billed 8,788 8,146	Network Rate \$3.3396 \$3.1942	\$	Amount 29,350 26,019	Lir Units Billed 9,360 9,140	Rate \$0.7791 \$0.7710 \$0.7710	tion \$ \$	Amount 7,292 7,047	Transfo Units Billed 9,360 9,140	Rate \$1.7713 \$1.7493 \$1.7493	\$	Amount 16,579 15,989	\$	Amount 23,871 23,036 20,947
<b>Month</b> January February March	Units Billed 8,788 8,146 7,783	Network Rate \$3.3396 \$3.1942 \$3.1942	\$ \$ \$	Amount 29,350 26,019 24,861	Lir Units Billed 9,360 9,140 8,311	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$	Amount 7,292 7,047 6,408	Transfor Units Billed 9,360 9,140 8,311	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493	\$ \$	Amount 16,579 15,989 14,539	\$ \$	Amount 23,871 23,036 20,947 21,269
<b>Month</b> January February March April	Units Billed 8,788 8,146 7,783 7,931	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334	Lir Units Billed 9,360 9,140 8,311 8,439	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507	Transfor Units Billed 9,360 9,140 8,311 8,439	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$	Amount 16,579 15,989 14,539 14,763	\$ \$ \$	Amount 23,871 23,036 20,947 21,269 18,269
Month January February March April May	Units Billed 8,788 8,146 7,783 7,931 6,615	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334 21,130	Lir Units Billed 9,360 9,140 8,311 8,439 7,249	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507 5,589	Transfor Units Billed 9,360 9,140 8,311 8,439 7,249	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$	Amount 16,579 15,989 14,539 14,763 12,680	\$\$	Amount 23,871 23,036 20,947 21,269 18,269 16,675
Month January February March April May June	Units Billed 8,788 8,146 7,783 7,931 6,615 6,287	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334 21,130 20,082	Lin Units Billed 9,360 9,140 8,311 8,439 7,249 6,616	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507 5,589 5,101	Transfor Units Billed 9,360 9,140 8,311 8,439 7,249 6,616	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$	Amount 16,579 15,989 14,539 14,763 12,680 11,574	***	Amount 23,871 23,036 20,947 21,269 18,269 16,675 19,570
Month January February March April May June July	Units Billed 8,788 8,146 7,783 7,931 6,615 6,287 7,635	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334 21,130 20,082 24,386	Lin Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507 5,589 5,101 5,987	Transfor Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$	Amount 16,579 15,989 14,539 14,763 12,680 11,574 13,583	***	Amount 23,871 23,036 20,947 21,269 18,269 16,675 19,570 20,237
Month January February March April May June July August	Units Billed 8,788 8,146 7,783 7,931 6,615 6,287 7,635 8,030	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334 21,130 20,082 24,386 25,649	Lir Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507 5,589 5,101 5,987 6,191	Transfor Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 16,579 15,989 14,539 14,763 12,680 11,574 13,583 14,046	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	Amount 23,871 23,036 20,947 21,269 18,269 16,675 19,570 20,237
Month January February March April May June July August September	Units Billed 8,788 8,146 7,783 7,931 6,615 6,287 7,635 8,030 8,244	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334 21,130 20,082 24,386 25,649 26,332	Lir Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	tion \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507 5,589 5,101 5,987 6,191 6,336	Transfor Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 16,579 15,989 14,539 14,763 12,680 11,574 13,583 14,046 14,421	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	Amount 23,871 23,036 20,947 21,269 18,269 16,675 19,570 20,237 20,776 21,821
Month January February March April May June July August September October	Units Billed 8,788 8,146 7,783 7,931 6,615 6,287 7,635 8,030 8,244 7,924	Network Rate \$3.3396 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942 \$3.1942	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 29,350 26,019 24,861 25,334 21,130 20,082 24,386 25,649 26,332 25,312	Lir Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244 8,658	Rate \$0.7791 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710 \$0.7710	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 7,292 7,047 6,408 6,507 5,589 5,101 5,987 6,191 6,356 6,675	Transfo Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244 8,658	Rate \$1.7713 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493 \$1.7493	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 16,579 15,989 14,539 14,763 12,680 11,574 13,583 14,046 14,421 15,145	***	Amount 23,871 23,036 20,947 21,269 18,269 16,675 19,570 20,237 20,776

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

IESO		Network		Li	ne Connecti	on	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	95,145 \$	3.6100	\$ 343,473	98,384	\$ 0.9500	\$ 93,465	98,384	\$ 2.3400	\$ 230,219	\$ 323,683
February	91,036 \$	3.6100	\$ 328,640	91,711	\$ 0.9500	\$ 87,125	91,711	\$ 2.3400	\$ 214,604	\$ 301,729
March	86,723 \$	3.6100	\$ 313,070	92,801	\$ 0.9500	\$ 88,161	92,801	\$ 2.3400	\$ 217,154	\$ 305,315
April	81,256 \$	3.6100		84,088	\$ 0.9500	\$ 79,884	84,088		\$ 196,766	\$ 276,650
May	87,508 \$	3.6100	\$ 315,904	99,315	\$ 0.9500	\$ 94,349	99,315	\$ 2.3400	\$ 232,397	\$ 326,746
June	119,069 \$	3.6100	\$ 429,839	121,556	\$ 0.9500	\$ 115,478	121,556	\$ 2.3400	\$ 284,441	\$ 399,919
July	116,610 \$	3.6100	\$ 420,962	120,448	\$ 0.9500	\$ 114,426	120,448	\$ 2.3400	\$ 281,848	\$ 396,274
August	113,490 \$	3.6100	\$ 409,699	117,298	\$ 0.9500	\$ 111,433	117,298	\$ 2.3400	\$ 274,477	\$ 385,910
September	122,451 \$	3.6100		128,674	\$ 0.9500	\$ 122,240	128,674	\$ 2.3400	\$ 301,097	\$ 423,337
October	80,579 \$	3.6100	\$ 290,890	85,159	\$ 0.9500	\$ 80,901	85,159	\$ 2.3400	\$ 199,272	\$ 280,173
November	89,412 \$	3.6100	\$ 322,777	94,213	\$ 0.9500	\$ 89,502	94,213	\$ 2.3400	\$ 220,459	\$ 309,961
December	95,280 \$	3.6100	\$ 343,961	98,233	\$ 0.9500	\$ 93,321	98,233	\$ 2.3400	\$ 229,865	\$ 323,187
Total	1,178,559 \$	3.61	\$ 4,254,598	1,231,880	\$ 0.95	\$ 1,170,286	1,231,880	\$ 2.34	\$ 2,882,599	\$ 4,052,885
Hydro One		Network		Li	ne Connecti	on	Transfo	rmation Con	nection	Total Connection
							Tranoro			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
<b>Month</b> January	Units Billed 8,788 \$			Units Billed	<b>Rate</b>	Amount		Rate	Amount	
		Rate	\$ 28,072	Units Billed		Amount \$ 7,216	Units Billed	<b>Rate</b> \$ 1.7493	Amount	Amount
January	8,788 \$	<b>Rate</b> 3.1942	\$     28,072 \$     26,019	Units Billed 9,360	\$ 0.7710	Amount \$ 7,216 \$ 7,047	Units Billed 9,360 9,140	Rate \$ 1.7493 \$ 1.7493	<b>Amount</b> \$ 16,373	<b>Amount</b> \$ 23,589
January February	8,788 \$ 8,146 \$	Rate 3.1942 3.1942	\$ 28,072 \$ 26,019 \$ 24,861	Units Billed 9,360 9,140	\$ 0.7710 \$ 0.7710	Amount \$ 7,216 \$ 7,047 \$ 6,408	Units Billed 9,360 9,140	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989	Amount \$ 23,589 \$ 23,036
January February March	8,788 \$ 8,146 \$ 7,783 \$	Rate 3.1942 3.1942 3.1942	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334	Units Billed 9,360 9,140 8,311	\$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507	Units Billed 9,360 9,140 8,311	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539	Amount \$ 23,589 \$ 23,036 \$ 20,947
January February March April	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$	Rate 3.1942 3 3.1942 3 3.1942 3 3.1942 3	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334 \$ 21,130	Units Billed 9,360 9,140 8,311 8,439	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589	Units Billed 9,360 9,140 8,311 8,439	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763	Amount \$ 23,589 \$ 23,036 \$ 20,947 \$ 21,269
January February March April May	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$ 6,615 \$	Rate 3.1942 3 3.1942 3 3.1942 3 3.1942 3 3.1942 3	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334 \$ 21,130 \$ 20,082	Units Billed 9,360 9,140 8,311 8,439 7,249	<ul> <li>\$ 0.7710</li> <li>\$ 0.7710</li> <li>\$ 0.7710</li> <li>\$ 0.7710</li> <li>\$ 0.7710</li> </ul>	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589 \$ 5,101	Units Billed 9,360 9,140 8,311 8,439 7,249	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763 \$ 12,680	Amount \$ 23,589 \$ 23,036 \$ 20,947 \$ 21,269 \$ 18,269
January February March April May June	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$ 6,615 \$ 6,287 \$	Rate 3.1942 3.194	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334 \$ 21,130 \$ 20,082 \$ 24,386	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616	<ul> <li>\$ 0.7710</li> </ul>	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589 \$ 5,101 \$ 5,987	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763 \$ 12,680 \$ 11,574	Amount           \$         23,589           \$         23,036           \$         20,947           \$         21,269           \$         18,269           \$         16,675
January February March April May June June July	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$ 6,615 \$ 6,287 \$ 7,635 \$	Rate 3.1942 3.194 3	<ul> <li>\$ 28,072</li> <li>\$ 26,019</li> <li>\$ 24,861</li> <li>\$ 25,334</li> <li>\$ 21,130</li> <li>\$ 20,082</li> <li>\$ 24,386</li> <li>\$ 25,649</li> </ul>	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765	<ul> <li>\$ 0.7710</li> </ul>	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589 \$ 5,101 \$ 5,987 \$ 6,191 \$ 6,356	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763 \$ 12,680 \$ 11,574 \$ 13,583 \$ 14,046 \$ 14,421	Amount \$ 23,589 \$ 23,036 \$ 20,947 \$ 21,269 \$ 18,269 \$ 18,269 \$ 16,675 \$ 19,570
January February March April May June July August	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$ 6,615 \$ 6,287 \$ 7,635 \$ 8,030 \$	Rate 3.1942 3.194 3	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334 \$ 21,130 \$ 20,082 \$ 24,386 \$ 25,649 \$ 26,332	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030	<ul> <li>\$ 0.7710</li> </ul>	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589 \$ 5,101 \$ 5,987 \$ 6,191 \$ 6,356	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030	Rate \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763 \$ 12,680 \$ 11,574 \$ 13,583 \$ 14,046	Amount           \$         23,589           \$         23,036           \$         20,947           \$         21,269           \$         18,269           \$         16,675           \$         19,570           \$         20,237
January February March April May June July August September	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$ 6,615 \$ 6,287 \$ 8,030 \$ 8,244 \$	Rate 3.1942 : 3.1942 :	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334 \$ 21,130 \$ 20,082 \$ 24,386 \$ 25,649 \$ 26,332 \$ 25,312 \$ 19,329	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589 \$ 5,101 \$ 5,987 \$ 6,191 \$ 6,356 \$ 6,675 \$ 4,940	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244	Rate \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763 \$ 12,680 \$ 11,574 \$ 13,583 \$ 14,046 \$ 14,046 \$ 14,046 \$ 14,046 \$ 14,21 \$ 15,145 \$ 11,208	Amount           \$         23,589           \$         23,036           \$         20,947           \$         21,269           \$         18,269           \$         16,675           \$         19,570           \$         20,237           \$         20,776
January February March April May June July August September October	8,788 \$ 8,146 \$ 7,783 \$ 7,931 \$ 6,615 \$ 6,287 \$ 7,635 \$ 8,030 \$ 8,244 \$ 7,924 \$	Rate 3.1942 : 3.1942 :	\$ 28,072 \$ 26,019 \$ 24,861 \$ 25,334 \$ 21,130 \$ 20,082 \$ 24,386 \$ 25,649 \$ 26,332 \$ 25,312 \$ 19,329	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244 8,658 6,407	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	Amount \$ 7,216 \$ 7,047 \$ 6,408 \$ 6,507 \$ 5,589 \$ 5,101 \$ 5,987 \$ 6,191 \$ 6,356 \$ 6,675 \$ 4,940	Units Billed 9,360 9,140 8,311 8,439 7,249 6,616 7,765 8,030 8,244 8,658	Rate \$ 1.7493 \$ 1.7493	Amount \$ 16,373 \$ 15,989 \$ 14,539 \$ 14,763 \$ 12,680 \$ 11,574 \$ 13,583 \$ 14,046 \$ 14,046 \$ 14,046 \$ 14,046 \$ 14,21 \$ 15,145 \$ 11,208	Amount \$ 23,589 \$ 23,036 \$ 20,947 \$ 21,269 \$ 18,269 \$ 18,269 \$ 18,269 \$ 18,269 \$ 19,570 \$ 20,237 \$ 20,776 \$ 20,776 \$ 21,821

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

IESO		Network		Lii	ne Connectior	١	Transfo	rmation Conr	nection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	95,145	\$ 3.6100 \$	\$ 343,473	98,384	\$ 0.9500 \$	93,465	98,384	\$ 2.3400	\$ 230,219	\$	323,683
February	91,036	\$ 3.6100 \$	\$ 328,640	91,711	\$ 0.9500 \$	87,125	91,711	\$ 2.3400	\$ 214,604	\$	301,729
March	86,723	\$ 3.6100 \$	\$ 313,070	92,801	\$ 0.9500 \$	88,161	92,801	\$ 2.3400	\$ 217,154	\$	305,315
April	81,256	\$ 3.6100 \$	\$ 293,334	84,088	\$ 0.9500 \$	79,884	84,088	\$ 2.3400	\$ 196,766	\$	276,650
May	87,508	\$ 3.6100 \$	\$ 315,904	99,315	\$ 0.9500 \$	94,349	99,315	\$ 2.3400	\$ 232,397	\$	326,746
June	119,069	\$ 3.6100 \$	429,839	121,556	\$ 0.9500 \$	115,478	121,556	\$ 2.3400	\$ 284,441	\$	399,919
July	116,610	\$ 3.6100 \$	\$ 420,962	120,448	\$ 0.9500 \$	114,426	120,448	\$ 2.3400	\$ 281,848	\$	396,274
August	113,490	\$ 3.6100 \$	409,699	117,298	\$ 0.9500 \$	111,433	117,298	\$ 2.3400	\$ 274,477	\$	385,910
September	122,451	\$ 3.6100 \$	\$ 442,048	128,674	\$ 0.9500 \$	122,240	128,674	\$ 2.3400	\$ 301,097	\$	423,337
October	80,579	\$ 3.6100 \$	\$ 290,890	85,159	\$ 0.9500 \$	80,901	85,159	\$ 2.3400	\$ 199,272	\$	280,173
November	89,412	\$ 3.6100 \$	322,777	94,213	\$ 0.9500 \$	89,502	94,213	\$ 2.3400	\$ 220,459	\$	309,961
December	95,280	\$ 3.6100 \$	\$ 343,961	98,233	\$ 0.9500 \$	93,321	98,233	\$ 2.3400	\$ 229,865	\$	323,187
Total	1,178,559	\$ 3.61 \$	4,254,598	1,231,880	\$ 0.95 \$	1,170,286	1,231,880	\$ 2.34	\$ 2,882,599	\$	4,052,885
Hydro One		Network		Lii	ne Connectior	ı	Transfo	rmation Conr	nection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	8,788	\$ 3.1942 \$	28,072	9,360	\$ 0.7710 \$	7,216	9,360	\$ 1.7493	\$ 16,373	\$	23,589
February	8,146	\$ 3.1942 \$	\$ 26,019	9,140	\$ 0.7710 \$	7,047	9,140	\$ 1.7493	\$ 15,989	\$	23,036
March	7,783	\$ 3,1942 \$	24,861	8.311	\$ 0.7710 \$	6,408	8.311	\$ 1.7493	\$ 14,539	\$	20,947
April											
April	7,931	\$ 3.1942			\$ 0.7710 \$		8,439	\$ 1.7493	\$ 14,763	\$	21,269
Артт Мау			\$ 25,334	8,439		6,507		\$ 1.7493 \$ 1.7493		\$ \$	21,269 18,269
	6,615	\$ 3.1942 \$	25,334 21,130	8,439 7,249	\$ 0.7710 \$	6,507 5,589	8,439 7,249		\$ 12,680		
May	6,615 6,287	\$ 3.1942 \$ 3.1942	5 25,334 5 21,130 5 20,082	8,439 7,249 6,616	\$ 0.7710 \$ \$ 0.7710 \$	6,507 5,589 5,101	8,439 7,249	\$ 1.7493	\$ 12,680 \$ 11,574	\$	18,269
May June	6,615 6,287 7,635	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	5 25,334 5 21,130 5 20,082 5 24,386	8,439 7,249 6,616 7,765	\$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$	6,507 5,589 5,101 5,987	8,439 7,249 6,616	\$ 1.7493 \$ 1.7493	\$         12,680           \$         11,574           \$         13,583	\$ \$	18,269 16,675
May June July	6,615 6,287 7,635 8,030	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	<ul> <li>25,334</li> <li>21,130</li> <li>20,082</li> <li>24,386</li> <li>25,649</li> </ul>	8,439 7,249 6,616 7,765 8,030	\$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$	6,507 5,589 5,101 5,987 6,191	8,439 7,249 6,616 7,765 8,030	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$         12,680           \$         11,574           \$         13,583           \$         14,046	\$ \$ \$	18,269 16,675 19,570
May June July August	6,615 6,287 7,635 8,030 8,244	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	25,334         21,130         20,082         24,386         25,649         26,332	8,439 7,249 6,616 7,765 8,030 8,244	\$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$	6,507 5,589 5,101 5,987 6,191 6,356	8,439 7,249 6,616 7,765 8,030	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 12,680         \$ 11,574         \$ 13,583         \$ 14,046         \$ 14,421	\$ \$ \$ \$	18,269 16,675 19,570 20,237
May June July August September	6,615 6,287 7,635 8,030 8,244 7,924	\$ 3.1942 \$ \$ 3.1942 \$	25,334           21,130           20,082           24,386           25,649           26,332           25,312	8,439 7,249 6,616 7,765 8,030 8,244 8,658	\$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$ \$ 0.7710 \$	6,507 5,589 5,101 5,987 6,191 6,356 6,675	8,439 7,249 6,616 7,765 8,030 8,244	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$       12,680         \$       11,574         \$       13,583         \$       14,046         \$       14,421         \$       15,145	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	18,269 16,675 19,570 20,237 20,776
May June July August September October	6,615 6,287 7,635 8,030 8,244 7,924 6,051	\$ 3.1942 \$ \$ 3.1942 \$	<ul> <li>25,334</li> <li>21,130</li> <li>20,082</li> <li>24,386</li> <li>25,649</li> <li>26,332</li> <li>25,312</li> <li>19,329</li> </ul>	8,439 7,249 6,616 7,765 8,030 8,244 8,658 6,407	\$ 0.7710 \$ \$ 0.7710 \$	6,507 5,589 5,101 5,987 6,191 6,356 6,675 4,940	8,439 7,249 6,616 7,765 8,030 8,244 8,658	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$       12,680         \$       11,574         \$       13,583         \$       14,046         \$       14,421         \$       15,145         \$       11,208	\$ \$ \$ \$ \$ \$	18,269 16,675 19,570 20,237 20,776 21,821

## **Incentive Regulation Model for 2019 Filers**

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0079	270,513,242	0	2,137,055	43.1%	1,957,554	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	92,136,305	0	663,381	13.4%	607,661	0.0066
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8974		740,035	2,144,177	43.2%	1,964,078	2.6540
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	276,617	0	1,964	0.0%	1,799	0.0065
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1860		0	0	0.0%	0	0.0000
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2062		7,065	15,587	0.3%	14,278	2.0209
The numbers of this table is to realign the surrow	t PTC Connection Potes to receiver surrent wholesale connection	aasta							

#### The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0075	270,513,242	0	2,028,849	43.9%	1,887,586	0.0070
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	92,136,305	0	617,313	13.4%	574,331	0.0062
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6417		740,035	1,954,950	42.3%	1,818,833	2.4578
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0067	276,617	0	1,853	0.0%	1,724	0.0062
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0843		0	0	0.0%	0	0.0000
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0399		7,065	14,412	0.3%	13,408	1.8979

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

Rate Class	Rate Description	Unit	Adjusted RTSR Network	<ul> <li>Loss Adjusted</li> <li>Billed kWh</li> </ul>	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	270,513,242	0	1,957,554	43.1%	1,957,554	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	92,136,305	0	607,661	13.4%	607,661	0.0066
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6540		740,035	1,964,078	43.2%	1,964,078	2.6540
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	276,617	0	1,799	0.0%	1,799	0.0065
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	0.0000		0	0	0.0%	0	0.0000
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0209		7,065	14,278	0.3%	14,278	2.0209

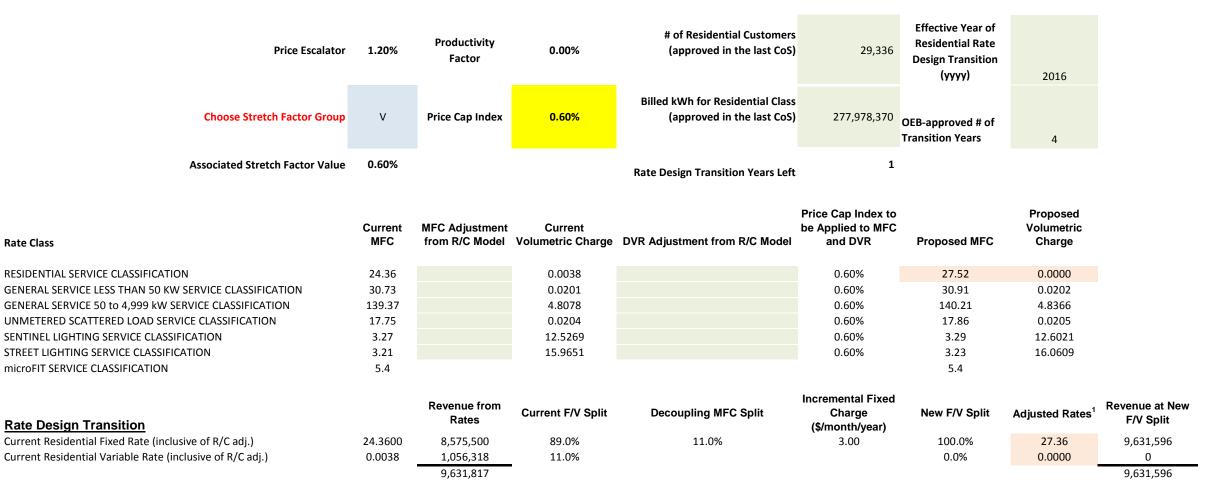
#### The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070	270,513,242	0	1,887,586	43.9%	1,887,586	0.0070
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	92,136,305	0	574,331	13.4%	574,331	0.0062
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4578		740,035	1,818,833	42.3%	1,818,833	2.4578
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	276,617	0	1,724	0.0%	1,724	0.0062

Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000	0	0	0.0%	0	0.0000
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8979	7,065	13,408	0.3%	13,408	1.8979

# **Incentive Regulation Model for 2019 Filers**

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



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

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

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

Time-of-Use RPP Prices

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

Debt Retirement Charge (DRC)		
Debt Retirement Charge (DRC)	\$/kWh	0.0000

 Smart Meter Entity Charge (SME)

 Smart Meter Entity Charge (SME)

 \$

 0.57

# **Incentive Regulation Model for 2019 Filers**

In the Green Cells below, enter any proposed rate riders that are now encoded below. In column A, the rate rider descriptions must begin with "Rate Rider for". In column B, choose the associated unit from the drop-down menu. In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places. In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order). In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu. - effective until n Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to

- effective until
- effective until

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

- effective until	
- effective until	

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

- effective until
- effective until

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

- effective until
- effective until

SENTINEL LIGHTING SERVICE CLASSIFICATION

- effective until	
- effective until	

#### STREET LIGHTING SERVICE CLASSIFICATION

- effective until
- effective until

#### microFIT SERVICE CLASSIFICATION

- effective until	
- effective until	

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

EB-2018-0055

### **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 Debt Retirement Charge, the Global Adjustment and the HST.

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	27.52
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 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0057
effective until April 30, 2020	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

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 Debt Retirement Charge, the Global Adjustment and the HST.

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	30.91
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	0.0202
Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0057
effective until April 30, 2020	\$/kWh	0.0015
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

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.

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

\$	140.21
\$/kW	4.8366
\$/kWh	0.0057
\$/kW	0.2285
\$/kW	(0.7757)
\$/kW	0.3935
\$/kW	4.8366
\$/kW	(0.0138)
\$/kW	2.6540
\$/kW	2.4578
\$/kWh	0.0032
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$/kW \$/kWh \$/kW \$/kW \$/kW \$/kW \$/kW \$/kW \$/kWh \$/kWh

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

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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	17.86
Distribution Volumetric Rate	\$/kWh	0.0205
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0055

### 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	3.29
Distribution Volumetric Rate	\$/kW	12.6021
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Application of Tax Change (2019) - effective until April 30, 2020	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kW	0.0000
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0055

### 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 Debt Retirement Charge, the Global Adjustment and the HST.

\$	3.23
\$/kW	16.0609
<b><b>•</b> (1) <b>•</b> (1)</b>	0.0057
<b>⊅/к</b> vvn	0.0057
\$/kW	5.6266
\$/kW	(0.3858)
\$/kW	(0.1847)
\$/kW	2.0209
\$/kW	1.8979
\$/kWh	0.0032
\$/kWh	0.0004
\$/kWh	0.0003
\$	0.25
	\$/kW \$/kWh \$/kW \$/kW \$/kW \$/kW \$/kWh \$/kWh

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 Debt Retirement Charge, the Global Adjustment and the HST.

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

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

### **Customer Administration**

Late payment - per annum

Ν

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		
Late payment - per month	%	1.50

19.56

%

ED 2040 00EE

## Newmarket - Tay Power Distribution Ltd. 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
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	\$ 22.35

### (with the exception of wireless attachements)

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

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

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

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

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

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

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

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0383
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0279

# **Incentive Regulation Model for 2019 Filers**

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

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

#### Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

2. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

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

#### Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	<b>RTSR</b> Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0383	1.0383	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0383	1.0383	2,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0383	1.0383	237,500	500	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0383	1.0383	200		N/A	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	RPP	1.0383	1.0383	475	1	DEMAND	
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0383	1.0383	474,500	1,000	DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0383	1.0383	236		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

					Total									
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)			A			В			С			Total Bill		
(eg. Residential 100, Residential Retailer)			\$	%		\$	%		\$	%		\$	%	
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	1.64	6.2%	\$	0.96	3.3%	\$	0.03	0.1%	\$	0.03	0.0%	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	16.58	28.8%	\$	14.58	22.6%	\$	12.30	13.2%	\$	12.91	4.6%	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	2,115.54	384.4%	\$	3,278.19	595.7%	\$	3,064.54	92.3%	\$	3,462.93	9.7%	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$	2.60	180.6%	\$	2.40	116.1%	\$	2.17	44.0%	\$	2.45	9.7%	
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kWh	\$	4.20	50.0%	\$	4.20	42.4%	\$	(0.07)	-0.5%	\$	(0.08)	-0.1%	
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	444.40	2.1%	\$	2,763.25	13.1%	\$	2,435.95	9.6%	\$	2,752.62	3.0%	
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	3.85	16.2%	\$	3.63	14.5%	\$	3.34	11.6%	\$	3.51	6.8%	
											1			
											1			
					1									

Table 2

Customer Class: RESI	DENTIAL SERVICE CLA	SSIFICATION						]		
RPP / Non-RPP: RPP										
Consumption	750 kWh									
Demand	- kW									
Current Loss Factor	1.0383									
Proposed/Approved Loss Factor	1.0383									
	<b></b>	Current OF	B-Approved	1			Proposed	1	Ir	npact
		Rate	Volume	Charge	Ra	ate	Volume	Charge		
		(\$)		(\$)		\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	24.36	1	\$ 24.36	\$	27.52	1	\$ 27.52	\$ 3.16	
Distribution Volumetric Rate	\$	0.0038	750	\$ 2.85	\$	-	750		\$ (2.85)	-100.00%
Fixed Rate Riders	\$	(1.76)	1	\$ (1.76)	\$	(0.06)	1	\$ (0.06)	\$ 1.70	-96.59%
Volumetric Rate Riders	\$	0.0010	750	\$ 0.75		0.0005	750	\$ 0.38	\$ (0.38)	-50.00%
Sub-Total A (excluding pass through)				\$ 26.20				\$ 27.84	\$ 1.64	6.24%
Line Losses on Cost of Power	\$	0.0820	29	\$ 2.36	\$	0.0820	29	\$ 2.36	\$-	0.00%
Total Deferral/Variance Account Rate	\$	_	750	\$-	-\$	0.0009	750	\$ (0.68)	\$ (0.68)	
Riders	Ψ				•	0.0005			,	
CBR Class B Rate Riders	\$	-	750	\$ -	\$	-	750	\$ -	\$ -	
GA Rate Riders	\$	-	750	\$ -	\$	-	750	\$ -	\$ -	
Low Voltage Service Charge	\$	-	750	\$ -			750	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$ 0.57	\$	0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$	-	1	\$-	\$	-	1	\$-	\$ -	
Additional Volumetric Rate Riders			750	\$-	\$	-	750	\$-	\$-	
Sub-Total B - Distribution (includes Sub- Total A)				\$ 29.13				\$ 30.09	\$ 0.96	3.30%
RTSR - Network	\$	0.0079	779	\$ 6.15	\$	0.0072	779	\$ 5.61	\$ (0.55)	-8.86%
RTSR - Connection and/or Line and	\$	0.0075	779	\$ 5.84	\$	0.0070	779	\$ 5.45	\$ (0.39)	-6.67%
Transformation Connection	Ψ	0.0075	115	ψ 5.04	Ŷ	0.0070	115	φ 0.40	φ (0.03)	-0.07 /0
Sub-Total C - Delivery (including Sub- Total B)				\$ 41.12				\$ 41.14	\$ 0.03	0.06%
Wholesale Market Service Charge	\$	0.0036	779	\$ 2.80	\$	0.0036	779	\$ 2.80	¢ -	0.00%
(WMSC)	φ	0.0030	115	φ 2.00	φ	0.0030	115	φ 2.00	φ -	0.00 %
Rural and Remote Rate Protection (RRRP)	\$	0.0003	779	\$ 0.23	\$	0.0003	779	\$ 0.23	\$-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25	\$-	0.00%
TOU - Off Peak	\$	0.0650	488	\$ 31.69	\$	0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$	0.0940	128	\$ 11.99	\$	0.0940	128	\$ 11.99	\$-	0.00%
TOU - On Peak	\$	0.1320	135	\$ 17.82	\$	0.1320	135	\$ 17.82	\$-	0.00%
Total Bill on TOU (before Taxes)				\$ 105.90				\$ 105.92		0.02%
HST		13%		\$ 13.77		13%		\$ 13.77		0.02%
8% Rebate		8%		\$ (8.47)		8%		\$ (8.47)		
Total Bill on TOU				\$ 111.19				\$ 111.22	\$ 0.03	0.02%

Customer Class:	<b>GENERAL SER</b>	VICE LESS THAN 50 KW SERVICE CLASSIF	CATION
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0383		
Proposed/Approved Loss Factor	1.0383		

		Current OEB-Approved			Proposed					Impact			
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	\$	6 Change	% Change
Monthly Service Charge	\$	30.73		\$	30.73	\$	30.91		\$	30.91	\$	0.18	0.59%
Distribution Volumetric Rate	\$	0.0201	2000	\$	40.20	\$	0.0202	2000	\$	40.40	\$	0.20	0.50%
Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders	-\$	0.0067	2000	\$	(13.40)	\$	0.0014	2000	\$	2.80	\$	16.20	-120.90%
Sub-Total A (excluding pass through)				\$	57.53				\$	74.11	\$	16.58	28.82%
Line Losses on Cost of Power	\$	0.0820	77	\$	6.28	\$	0.0820	77	\$	6.28	\$	-	0.00%
Total Deferral/Variance Account Rate	¢		2,000	\$		-\$	0.0010	2,000	¢	(2.00)	¢	(2.00)	
Riders	φ	•	2,000	φ	-	-φ	0.0010	2,000	φ	(2.00)	φ	(2.00)	
CBR Class B Rate Riders	\$	-	2,000	\$	-	\$		2,000	\$	-	\$	-	
GA Rate Riders	\$	-	2,000	\$	-	\$		2,000	\$	-	\$	-	
Low Voltage Service Charge	\$	-	2,000	\$	-			2,000	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				¢	64.00				÷	70.00	÷	44.50	00.05%
Total A)				\$	64.38				\$	78.96	\$	14.58	22.65%
RTSR - Network	\$	0.0072	2,077	\$	14.95	\$	0.0066	2,077	\$	13.71	\$	(1.25)	-8.33%
RTSR - Connection and/or Line and	¢	0.0007	0.077	¢	40.04	•	0.0000	0.077	¢	40.07	¢	(1.0.1)	7 400/
Transformation Connection	Þ	0.0067	2,077	\$	13.91	\$	0.0062	2,077	\$	12.87	\$	(1.04)	-7.46%
Sub-Total C - Delivery (including Sub-				\$	93.25				\$	105.54	\$	12.30	13.19%
Total B)				₽	93.25				Ą	105.54	Ą	12.30	13.19%
Wholesale Market Service Charge	¢	0.0036	2,077	\$	7.48	\$	0.0036	2,077	\$	7.48	\$	_	0.00%
(WMSC)	φ	0.0050	2,077	Ψ	7.40	φ	0.0030	2,017	φ	7.40	φ	-	0.00 %
Rural and Remote Rate Protection (RRRP)	¢	0.0003	2,077	\$	0.62	¢	0.0003	2,077	\$	0.62	\$	-	0.00%
	Ψ		2,011	· ·				· · · · · ·	•		Ψ	_	
Standard Supply Service Charge	\$	0.25	1	Ψ	0.25		0.25		\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	1,300	\$	84.50		0.0650	1,300			\$	-	0.00%
TOU - Mid Peak	\$	0.0940	340	\$	31.96		0.0940	340	\$		\$	-	0.00%
TOU - On Peak	\$	0.1320	360	\$	47.52	\$	0.1320	360	\$	47.52	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	265.57				\$	277.87	\$	12.30	4.63%
HST		13%		\$	34.52		13%		\$		\$	1.60	4.63%
8% Rebate		8%		\$	(21.25)		8%		\$	(22.23)		(0.98)	
Total Bill on TOU				\$	278.85				\$	291.76	\$	12.91	4.63%

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

	Cur	rrent OE	B-Approved	ed Proposed				Impact			
	Rate		Volume	Charge		Rate	Volume	Charge			
	(\$)			(\$)		(\$)		(\$)		\$ Change	% Change
Monthly Service Charge	\$	139.37	1	\$ 139.37	\$	140.21	1	\$ 140.21	\$	0.84	0.60%
Distribution Volumetric Rate	\$	4.8078	500	\$ 2,403.90	\$	4.8366	500	\$ 2,418.30	\$	14.40	0.60%
Fixed Rate Riders	\$	-	1	\$-	\$		1	\$-	\$	-	
Volumetric Rate Riders	-\$	3.9859	500	\$ (1,992.95)	\$	0.2147	500	\$ 107.35	\$	2,100.30	-105.39%
Sub-Total A (excluding pass through)				\$ 550.32				\$ 2,665.86	\$	2,115.54	384.42%
Line Losses on Cost of Power	\$	-	-	\$-	\$	-	-	\$-	\$	-	
Total Deferral/Variance Account Rate	¢	-	500	\$ -	-\$	0.3822	500	\$ (191.10)	¢	(191.10)	
Riders	φ	-	500	φ -	-φ	0.3022	500	φ (191.10)	Ψ	(191.10)	
CBR Class B Rate Riders	\$	-	500	\$-	\$	-	500		\$	-	
GA Rate Riders	\$	-	237,500	\$-	\$	0.0057	237,500	\$ 1,353.75	\$	1,353.75	
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-				\$ 550.32				\$ 3,828.51	\$	3,278.19	595.69%
Total A)				•				. ,		,	
RTSR - Network	\$	2.8974	500	\$ 1,448.70	\$	2.6540	500	\$ 1,327.00	\$	(121.70)	-8.40%
RTSR - Connection and/or Line and	\$	2.6417	500	\$ 1,320.85	\$	2.4578	500	\$ 1,228.90	\$	(91.95)	-6.96%
Transformation Connection	*	2.0417	000	φ 1,020.00	Ŷ	2.4010	000	φ 1,220.30	Ψ	(51.55)	0.0070
Sub-Total C - Delivery (including Sub-				\$ 3,319.87				\$ 6,384.41	\$	3,064.54	92.31%
Total B)				\$ 0,010.01				• 0,00111	•	0,001101	0210170
Wholesale Market Service Charge	s (	0.0036	246,596	\$ 887.75	\$	0.0036	246,596	\$ 887.75	\$	-	0.00%
(WMSC)	•		2.0,000	¢ 001110	•		210,000	¢	Ŷ		010070
Rural and Remote Rate Protection (RRRP)	\$	0.0003	246,596	\$ 73.98	\$	0.0003	246,596	\$ 73.98	\$	-	0.00%
Standard Supply Service Charge	¢	0.25	1	\$ 0.25	\$	0.25	1	\$ 0.25	\$	_	0.00%
Average IESO Wholesale Market Price	\$ (	0.1101	246,596	•	-	0.1101	246,596	+		_	0.00%
	Ψ. ····································	5.1101	240,000	φ 21,130.23	Ψ	0.1101	240,330	φ 21,130.23	Ψ		0.0078
Total Bill on Average IESO Wholesale Market Price				\$ 31,432.09	1			\$ 34,496.63	\$	3,064.54	9.75%
HST		13%		\$ 4,086.17		13%		\$ 4,484.56	•	398.39	9.75%
Total Bill on Average IESO Wholesale Market Price				\$ 35,518.26				\$ 38,981.19		3,462.93	9.75%
										.,	

Customer Class:	UNMETERED S	CATTERED LOAD SERVICE CLASSIFICATIO	N
RPP / Non-RPP:	RPP		
Consumption	200	kWh	

Demand - kW 1.0383

Current Loss Factor Proposed/Approved Loss Factor 1.0383

		Current OF	B-Approved	ł				Proposed			Impact		
		Rate	Volume		Charge		Rate	Volume		Charge			-
		(\$)			(\$)		(\$)			(\$)	:	\$ Change	% Change
Monthly Service Charge	\$	17.75		\$	-	\$	17.86	0	\$	-	\$	-	
Distribution Volumetric Rate	\$	0.0204	200	\$	4.08	\$	0.0205	200	\$	4.10	\$	0.02	0.49%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$	0.0132	200	\$	(2.64)	-\$	0.0003	200	\$	(0.06)	\$	2.58	-97.73%
Sub-Total A (excluding pass through)				\$	1.44				\$	4.04	\$	2.60	180.56%
Line Losses on Cost of Power	\$	0.0820	8	\$	0.63	\$	0.0820	8	\$	0.63	\$	-	0.00%
Total Deferral/Variance Account Rate	¢		200	\$	-	-\$	0.0010	200	\$	(0.20)	¢	(0.20)	
Riders	φ	-	200	φ	-	-φ	0.0010	200	φ	(0.20)	φ	(0.20)	
CBR Class B Rate Riders	\$	-	200	\$	-	\$	-	200	\$	-	\$	-	
GA Rate Riders	\$	-	200	\$	-	\$	-	200	\$	-	\$	-	
Low Voltage Service Charge	\$	-	200	\$	-			200	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			200	\$	-	\$	-	200	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	2.07				\$	4.47	\$	2.40	116.05%
Total A)				φ	2.07				φ	4.47	φ	2.40	110.05%
RTSR - Network	\$	0.0071	208	\$	1.47	\$	0.0065	208	\$	1.35	\$	(0.12)	-8.45%
RTSR - Connection and/or Line and	\$	0.0067	208	\$	1.39	¢	0.0062	208	\$	1.29	\$	(0.10)	-7.46%
Transformation Connection	φ	0.0007	200	φ	1.59	9	0.0002	200	ψ	1.29	φ	(0.10)	-7.40%
Sub-Total C - Delivery (including Sub-				\$	4.93				\$	7.11	\$	2.17	44.01%
Total B)				Ψ	4.55				Ψ	7.11	Ψ	2.17	44.0170
Wholesale Market Service Charge	\$	0.0036	208	\$	0.75	\$	0.0036	208	\$	0.75	\$	_	0.00%
(WMSC)	Ť	0.0000	200	Ŷ	0.10	Ŷ	0.0000	200	Ψ	0.10	Ψ		0.0070
Rural and Remote Rate Protection (RRRP)	\$	0.0003	208	\$	0.06	\$	0.0003	208	\$	0.06	\$	-	0.00%
				Ċ.									
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	130	\$	8.45	\$	0.0650	130	\$	8.45	\$	-	0.00%
TOU - Mid Peak	\$	0.0940	34	\$	3.20	\$	0.0940	34	\$	3.20	\$	-	0.00%
TOU - On Peak	\$	0.1320	36	\$	4.75	\$	0.1320	36	\$	4.75	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	22.39				\$	24.56	\$	2,17	9.70%
HST		13%		⊅ \$	<b>22.39</b> 2.91		13%		⊅ \$	<b>24.56</b> 3.19	⊅ \$	0.28	9.70%
Total Bill on TOU		13%		Ф \$	2.91		13%		Ф \$		Ф \$	2.45	9.70%
				φ	25.30				φ	21.76	Φ	2.45	9.70%

	RVICE CLASSIFICATIO		1									
1 kW												
1.0383												
1.0383												
	Current OF	EB-Approved	d				Proposed				Im	pact
	Rate	Volume		Charge		Rate	Volume		Charge	•	01	0/ <b>0</b>
¢			¢		¢		0	¢			Change	% Change
\$ \$	-	1			<b>•</b>		0			Ŧ	-	0.6
\$ \$	12.3209	1				12.0021	1		12.00	*		0.0
¢	-	1				-	1		-	*		-100.00
-⊅	4.1248	1			-Þ	0.0002	I					-100.00 49.9
¢	0.0830	10			¢	0.0820	10	•			-	49.9
•	0.0620	10								•		0.00
\$	-	1	\$	-	-\$	0.0010	1	\$	(0.00)	\$	(0.00)	
\$		1	\$	-	\$	-	1	\$	-	\$	-	
\$		475	\$	-	\$	-	475		-	\$	-	
\$		1	\$	-			1	\$	-	\$	-	
\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
		1	\$	-	\$	-	1	\$	-	\$	-	
			¢	0.80				¢	14.00	¢	1 20	42.44
									14.03	•		
\$	2.1860	1	\$	2.19	\$	-	1	\$	-	\$	(2.19)	-100.00
\$	2.0843	1	\$	2.08	\$	-	1	\$	-	\$	(2.08)	-100.00
+	2.0040	•	Ψ	2.00	Ť		•	Ψ		Ψ	(2.00)	100.00
			\$	14.16				\$	14.09	\$	(0.07)	-0.50
¢	0 0036	493	\$	1 78	¢	0.0036	493	\$	1 78	\$	-	0.00
Ŷ	0.0000	400	Ψ	1.70	Ŷ	0.0000	-00	Ψ	1.70	Ψ		0.0
\$	0.0003	493	\$	0.15	\$	0.0003	493	\$	0.15	\$	-	0.0
\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.0
\$	0.0650	309	\$			0.0650	309	\$	20.07		-	0.0
\$	0.0940	81	\$	7.59	\$	0.0940	81	\$	7.59	\$	-	0.0
\$	0.1320	86	\$			0.1320	86	\$	11.29	\$	-	0.0
			\$	55.28	1			\$	55 21	\$	(0.07)	-0.1
	13%					13%		•				-0.1
	1070					1070						-0.1
	1.0383 1.0383 1.0383 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1         1.0383           1.0383         1.0383           1.0383         Current OF           Rate         (\$)           \$         3.27           \$         12.5269           \$         -           -\$         4.1248           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         -           \$         -           \$         -           \$         0.0820           \$         -           \$         0.0820           \$         -           \$         -           \$         0.0820           \$         0.0036           \$         0.00030           \$         0.0250	1       1.0383         1.0383       1.0383         1.0383       1.0383         1.0383       Rate       Volume         \$       3.27         \$       12.5269       1         \$       -       1         \$       -       1         \$       0.0820       18         \$       0.0820       18         \$       -       1         \$       0.0820       18         \$       0.0820       18         \$       -       1         \$       -       1         \$       -       1         \$       -       1         \$       -       1         \$       -       1         \$       -       1         \$       -       1         \$       2.1860       1         \$       0.0036       493         \$       0.0003       493         \$       0.0003       493         \$       0.025       1         \$       0.0940       81         \$       0.1320       86	1       1.0383         1.0383       KW         1.0383       Current OEB-Approved         Rate       Volume         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       3.27       \$         \$       12.5269       1       \$         \$       4.1248       1       \$         \$       0.0820       18       \$         \$       0.0820       18       \$         \$       0.0820       18       \$         \$       2.1860       1       \$         \$       2.0843       1       \$         \$       0.0036       493       \$	I         KW           1.0383         KW           1.0383         Current OEB-Approved           Rate         Volume         Charge           \$         3.27         \$         -           \$         12.5269         1         \$         12.53           \$         12.5269         1         \$         12.53           \$         12.5269         1         \$         12.53           \$         12.5269         1         \$         12.53           \$         12.41248         1         \$         (4.12)           \$         0.0820         18         \$         1.49           \$         0.0820         18         \$         1.49           \$         0.0820         18         \$         1.49           \$         0.0820         18         \$         1.49           \$         0.13         \$         -         \$           \$         0.1620         18         \$         1.49           \$         2.19         \$         2.19         \$         2.08           \$         2.083         1         \$         2.08         \$         1.78	1         kW           1.0383         1.0383           1.0383         Current OEB-Approved         Charge           Rate         Volume         Charge           (\$)         \$         -         \$           \$         3.27         \$         -         \$           \$         12.526         1         \$         -         \$           \$         12.526         1         \$         -         \$           \$         12.526         1         \$         -         \$           \$         12.526         \$         -         \$         \$           \$         0.0820         18         \$         1.49         \$           \$         0.0820         18         \$         1.49         \$           \$         0.0820         18         \$         1.49         \$           \$         0.0820         18         \$         1.49         \$           \$         0.0820         18         \$         1.49         \$           \$         0.0820         18         \$         2.9         \$           \$         0.0820         18         \$         2.0<	1         kW           1.0383 1.0383         KW           Rate         Volume         Charge         Rate           (\$)         \$         -         \$         3.29           \$         12.53         \$         12.6021         \$         -         \$         3.29           \$         12.5269         1         \$         12.53         \$         12.6021         \$         -         \$         -         >         0.021         \$         -         \$         3.29         \$         12.6021         \$         12.6021         \$         3.29         \$         12.6021         \$         3.29         \$         12.6021         \$         3.29         \$         12.6021         \$         -	1         KW           1.0383 1.0383         KW           1.0383 1.0383         Current OEB-Approved (\$)         Charge (\$)         Rate (\$)         Volume (\$)         Proposed (\$)           S         3.27         \$         -         \$         3.29         00           \$         3.27         \$         -         \$         3.29         00           \$         3.27         \$         -         \$         3.29         00           \$         3.27         \$         -         \$         \$         3.29         00           \$         12.5269         1         \$         12.63         \$         12.6021         1           \$         -         1         \$         -         \$         -         1           \$         0.0820         18         \$         1.49         \$         0.00020         18           \$         0.0820         18         \$         1.49         \$         0.0820         18           \$         -         1         \$         -         \$         -         1           \$         0.0820         1         \$         2         0.011         \$	1         NW           1.0383         NW           1.0383         Current OEB-Approved         Rate         Volume         Charge         Rate         Volume         S	1         L0383           1.0383         Current OEB-Approved         Charge         Rate         Volume         Charge         (\$)         Charge         Charde         Charge         Charge	1         NW           1.0383 1.0383         NW           Current OEB-Approved (S)         Charge (S)         Rate (S)         Volume (S)         Proposed (S)         Charge (S)         S           \$         0.000         \$         -         \$         Volume (S)         Charge (S)         No         Charge (S)         S	1         1.0383         KW           1.0383         1.0383         Current OEB-Approved         Proposed         Charge         \$         \$         1.0393           (5)         Volume         (5)         (8)         Volume         Charge         \$         \$         0         \$         0         \$         \$         0         \$         \$         0         \$         \$         \$         0         \$         \$         0         \$         \$         0         \$         \$         0         \$         1         \$

Monthly Service Charge       \$       3.21       \$       -       \$       3.23       0       \$       -       \$       -       > <th< th=""><th>ct % Change 0.60% 6.84% 2.11%</th></th<>	ct % Change 0.60% 6.84% 2.11%
Consumption         474,500         kWh           Demand         1,000         kW           Current Loss Factor         1.0383         KWh         Kuh         KWh	% Change 0.60% 6.84%
Current Loss Factor       1.0383 1.0383         Proposed/Approved Loss Factor       1.0383         Monthly Service Charge       \$       Aate       Volume       Charge       Rate       Volume       Charge       \$       -       <	% Change 0.60% 6.84%
Current Loss Factor       1.0383 1.0383         Proposed/Approved Loss Factor       1.0383         Monthly Service Charge       \$       Aate       Volume       Charge       Rate       Volume       Charge       \$       -       <	% Change 0.60% 6.84%
Proposed/Approved Loss Factor         1.0383           Current OEB-Approved         Proposed         Proposed         Impact           Rate         Volume         Charge         Rate         Volume         Charge         (\$)         \$         Charge         \$         Impact           Monthly Service Charge         \$         3.21         \$         -         \$         3.23         0         \$         -	% Change 0.60% 6.84%
Current OEB-Approved       Proposed       Impact         Rate       Volume       Charge       Rate       Volume       Charge       (\$)       \$       Charge       \$       Impact         Monthly Service Charge       \$       3.21       \$       -       \$       3.23       0       \$       -       \$       Charge       \$       \$       - <td>% Change 0.60% 6.84%</td>	% Change 0.60% 6.84%
Rate (\$)         Volume         Charge (\$)         Rate (\$)         Volume         Charge (\$)         Charge (\$)         Charge (\$)         Charge (\$)         \$ \$ Sobsecccccccccccccccccccccccccccccccccccc	% Change 0.60% 6.84%
(\$)         (\$)         (\$)         (\$)         \$ Change           Monthly Service Charge         \$ 3.21         \$ -         \$ 3.23         0         \$ </td <td>0.60%</td>	0.60%
Monthly Service Charge       \$       3.21       \$       -       \$       3.23       0       \$       -       \$       -         Distribution Volumetric Rate       \$       15.9651       1000       \$       15,965.00       \$       16.0609       1000       \$       16,060.90       \$       95.80         Fixed Rate Riders       \$       -       1       \$       -       1       \$       -       \$       -         Volumetric Rate Riders       \$       5.0933       1000       \$       5,093.30       \$       5.4419       1000       \$       348.60         Sub-Total A (excluding pass through)       E       E       21,058.40       E       \$       21,502.80       \$       444.40	0.60%
Distribution Volumetric Rate       \$       15.9651       1000       \$       16.0609       \$       16,060.90       \$       95.80         Fixed Rate Riders       \$       -       1       \$       -       \$       -       1       \$       -       \$       95.80       \$       95.80       \$       95.80       \$       95.80       \$       95.80       \$       95.80       \$       95.80       \$       95.80       \$       -       \$       3	6.84%
Volumetric Rate Riders         \$         5.0933         1000         \$         5,093.30         \$         5.441.9         1000         \$         348.60           Sub-Total A (excluding pass through)         \$         21,058.40         \$         \$         21,502.80         \$         444.40	
Sub-Total A (excluding pass through)         \$ 21,058.40         \$ 21,502.80         \$ 444.40	
	2.11%
Line Losses on Cost of Power \$ \$- \$- \$- \$- \$- \$-	ļ
Total Deferral/Variance Account Rate <b>\$</b> - 1,000 <b>\$ \$ 0.3858</b> 1,000 <b>\$</b> (385.80) <b>\$</b> (385.80)	
Riders	
CBR Class B Rate Riders         \$         -         1,000         \$         -         \$         ><	
GA Rate Riders       \$       -       474,500       \$       2,704.65       \$       2,704.65	
Low Voltage Service Charge         \$         -         1,000         \$         -         \$ <th< td=""><td></td></th<>	
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-         \$ 21,058.40         \$ 23,821.65         \$ 2,763.25	13.12%
I OTALA)	
RTSR - Network         \$         2.2062         1,000         \$         2,206.20         \$         2.0209         1,000         \$         2,020.90         \$         (185.30)	-8.40%
RTSR - Connection and/or Line and \$ 2.0399 1,000 \$ 2,039.90 \$ 1.8979 1,000 \$ 1,897.90 \$ (142.00)	-6.96%
I ransformation Connection	
Sub-Total C - Delivery (including Sub- Total B)         \$ 25,304.50         \$ 27,740.45         \$ 2,435.95	9.63%
Wholesale Market Service Charge	
Wholesale Market Service Charge \$ 0.0036 492,673 \$ 1,773.62 \$ 0.0036 492,673 \$ 1,773.62 \$ -	0.00%
Purel and Pomoto Pate Protection (PPPP)	ł
\$         0.0003         492,673         \$         0.0003         492,673         \$         147.80         \$         147.80         \$         -	0.00%
Standard Supply Service Charge \$ 0.25 1 \$ 0.25 <b>\$ 0.25</b> 1 \$ 0.25 <b>\$ 0.25</b> 5 -	0.00%
Average IESO Wholesale Market Price         \$         0.1101         492,673         \$         54,243.34         \$         0.1101         492,673         \$         54,243.34         \$         -	0.00%
	212070
Total Bill on Average IESO Wholesale Market Price \$81,469.51 \$81,469.51 \$83,905.46 \$2,435.95	2.99%
HST 13% \$ 10,591.04 13% \$ 10,907.71 \$ 316.67	2.99%
Total Bill on Average IESO Wholesale Market Price \$ 92,060.55 \$ 94,813.17 \$ 2,752.62	2.99%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION							
RPP / Non-RPP:	RPP							
Consumption	236	kWh						
Demand	-	kW						
Current Loss Factor	1.0383							
Proposed/Approved Loss Factor	1.0383							

Distribution Volumetric Rate         \$         0.0038         23.6         \$          23.6         \$          \$         (0.00)         1         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.00)         \$         (0.01)         \$         (0.00)         \$         (0.01) <th></th> <th></th> <th>Current O</th> <th>EB-Approved</th> <th>ł</th> <th></th> <th></th> <th></th> <th>Proposed</th> <th></th> <th></th> <th colspan="3">Impact</th>			Current O	EB-Approved	ł				Proposed			Impact		
Monthly Service Charge         \$         24.36         1         \$         24.36         1         \$         24.36         \$         27.52         \$         3.16         11.29           Distribution Volumetric Rate         \$         0.0038         236         0.004         \$         -         236         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.006         \$         0.007         \$         0.0005         0.007         \$         0.007         \$         0.007         \$         0.007         \$         0.007         \$         0.074         \$         0.007         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$         0.074         \$			Rate	Volume		Charge		Rate	Volume		Charge			
Distribution Volumetin Ratie       \$       0.0038       228       \$       0.00       \$       -       228       \$       .       \$       (0.06)       \$       1.0       \$       (0.06)       \$       (0.06)       \$       (0.06)       \$       (0.06)       \$       (0.07) <t< th=""><th></th><th></th><th>(\$)</th><th></th><th></th><th>(\$)</th><th></th><th>(\$)</th><th></th><th></th><th>(\$)</th><th>\$</th><th>Change</th><th>% Change</th></t<>			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Fixed Rate Riders       \$       (1.76)       1       \$       (0.06)       1       \$       (0.06)       \$       1.70       966.5         Sub-Total A (excluding pass through)       •       0.001       236       0.0021       \$       0.0005       236       0.0005       236       \$       0.170       \$       9.65       0.0005         Sub-Total A (excluding pass through)       •       \$       0.0020       9       \$       0.0020       9       \$       0.0020       236       \$       0.17       \$       0.000       Riders       \$       0.000       236       \$       0.000       236       \$       0.000       Riders       \$       0.000       236       \$       0.000       \$       0.000       236       \$       0.000       \$       0.000       Riders       \$       0.000       236       \$       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       \$       0.00	Monthly Service Charge	\$	24.36	1	\$	24.36	\$	27.52	1	\$	27.52	\$	3.16	12.97%
Volumetric Rate Riders         \$         0,0010         238         \$         0,24         \$         0,0005         236         \$         0,12         \$         0,100           Sub-Total A (excluding pass through)         \$         \$         23.73         \$         \$         27.58         \$         3.86         162.0           Sub-Total A (excluding pass through)         \$         0.0620         \$         \$         0.0620         \$         \$         0.0009         236         \$         0.074         \$         0.000           CBR Class B Rate Riders         \$         -         236         \$         -         2236         \$         -         5         -         2236         \$         -         5         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         236         \$         -         3         -         3         -         3         -         3	Distribution Volumetric Rate	\$	0.0038	236	\$	0.90	\$	-	236	\$	-	\$	(0.90)	-100.00%
Sub-Total A (excluding pass through)         Image: strange of the strain of the s	Fixed Rate Riders	\$	(1.76)	1	\$	(1.76)	\$	(0.06)	1	\$	(0.06)	\$	1.70	-96.59%
Line Losses on Cost of Power         \$         0.0620         9         \$         0.74         \$         0.0820         9         \$         0.74         \$         0.00           Total Deferral/Variance Account Rate Riders         \$         -         236         \$         -         \$         0.0009         236         \$         (0.21)         \$         \$         \$         \$	Volumetric Rate Riders	\$	0.0010	236	\$	0.24	\$	0.0005	236	\$	0.12	\$	(0.12)	-50.00%
Total Deferal/Variance Account Rate       \$       0.007       236       \$       0.009       236       \$       0.021       \$       0.21       \$         Riders       \$       -       236       \$       -       \$       0.009       236       \$       0.21       \$       0.	Sub-Total A (excluding pass through)				\$	23.73				\$	27.58	\$	3.85	16.20%
Riders       S       - <td>Line Losses on Cost of Power</td> <td>\$</td> <td>0.0820</td> <td>9</td> <td>\$</td> <td>0.74</td> <td>\$</td> <td>0.0820</td> <td>9</td> <td>\$</td> <td>0.74</td> <td>\$</td> <td>-</td> <td>0.00%</td>	Line Losses on Cost of Power	\$	0.0820	9	\$	0.74	\$	0.0820	9	\$	0.74	\$	-	0.00%
Subi-S       S       -       236       S       -       1       S       0.57       1       S	Total Deferral/Variance Account Rate	¢		226	¢		¢	0.0000	226	¢	(0.21)	¢	(0.21)	
GA Rate Riders       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       236       \$       -       \$       -       236       \$       -       \$       -       236       \$       -       \$       -       \$       -       \$       -       0.00         Additional Fixed Rate Riders       \$       -       1       \$       -       \$       -       \$       -       \$       -       3       -       \$       -       0.00       -       \$       28.68       \$       3.63       14.55       5       -       -       5       -       5       -       236       \$       1.85       0.007       245       \$       1.86       0.007       245       \$       1.86       0.007       245       \$       1.87       Nono       0.007       2.45		Φ	-	230	φ	-	-φ	0.0009	230	φ	(0.21)	φ	(0.21)	
Low Voltage Service Charge       \$       -       236       \$       -       236       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       0.07       \$       \$       0.07       \$       \$       0.07       \$       \$       0.07       \$       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       \$       0.07       236       \$       0.07       245       1.94       \$       0.007       245       \$       1.84       \$       0.007       245       \$       1.84       \$       0.007       245       \$       1.84       \$       0.007       245       \$       1.84       \$       0.007       245       \$       1.84       \$       0.007       245       \$       0.88       \$       0.007       245       \$       0.88       \$       0.007       245       \$       0.007       \$	CBR Class B Rate Riders	\$	-	236	\$	-	\$		236	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)       \$       0.57       1       \$       0.57       \$	GA Rate Riders	\$	-	236	\$	-	\$	-	236	\$	-	\$	-	
Additional Fixed Rate Riders       \$       -       1       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       -       1       \$       -       \$       22.6       \$       1       \$       -       \$       22.6       \$       1       \$       0.007       245       \$       1.72       \$       0.017       4.8.8       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57       1.57 <th1.57< th="">       1.57       1.57</th1.57<>	Low Voltage Service Charge	\$	-	236	\$	-			236	\$	-	\$	-	
Additional Volumetric Rate Riders       Image: Second	Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Sub-Total B - Distribution (includes Sub- Total A)         \$         25.04         \$         26.68         \$         3.63         14.5           RTSR - Network         \$         0.0079         245         \$         1.94         \$         0.0072         245         \$         1.76         \$         (0.17)         -8.8           RTSR - Network         \$         0.0075         245         \$         1.84         \$         0.0070         245         \$         1.72         \$         (0.12)         -6.6           Sub-Total B)         \$         0.0075         245         \$         1.84         \$         0.0070         245         \$         1.72         \$         (0.12)         -6.6           Sub-Total B)         \$         28.82         \$         \$         32.16         \$         3.34         11.5           Wholesale Market Service Charge         \$         0.0036         245         0.088         \$         0.003         245         \$         0.88         \$         -         0.0           Windesale Market Service Charge         \$         0.003         245         0.07         \$         0.003         245         \$         0.07         \$         0.00	Additional Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Total A)       Image: Constraint of the service of the s	Additional Volumetric Rate Riders			236	\$	-	\$		236	\$	-	\$	-	
India A)       India A       Indid       India A       India A	Sub-Total B - Distribution (includes Sub-				4	25.04				6	20.00	¢	2.62	44 649/
RTSR - Connection and/or Line and Transformation Connection       \$       0.0075       245       \$       1.72       \$       (0.12)       6.6         Sub-Total C - Delivery (including Sub- Total B)       \$       28.82       \$       0.0076       245       \$       1.72       \$       (0.12)       6.6         Sub-Total C - Delivery (including Sub- Total B)       \$       28.82       \$       \$       \$       3.34       11.5         Wholesale Market Service Charge (WMSC)       \$       0.0036       245       \$       0.88       \$       0.0036       245       \$       0.0036       245       \$       0.88       \$       -       0.00         Rural and Remote Rate Protection (RRRP)       \$       0.0003       245       \$       0.003       245       \$       0.003       245       \$       0.003       245       \$       0.00       \$       0.00       \$       0.00       \$       0.00       \$       0.00       \$       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 A)				φ	25.04				φ	20.00	φ	3.03	14.31%
Transformation Connection       \$       0.0075       245       \$       1.72       \$       (0.12)       -6.6         Sub-Total C - Delivery (including Sub- Total B)       \$       28.82       \$       1.84       \$       0.0070       245       \$       1.72       \$       (0.12)       -6.6         Sub-Total B)       \$       28.82       \$       28.82       \$       \$       \$       32.16       \$       3.34       11.5         Wholesale Market Service Charge       \$       0.0036       245       \$       0.88       \$       0.0036       245       \$       0.88       \$       0.00         Rural and Remote Rate Protection (RRRP)       \$       0.0003       245       \$       0.003       245       \$       0.003       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       \$       0.00       245       0.00       245       \$       0.00         TOU - O	RTSR - Network	\$	0.0079	245	\$	1.94	\$	0.0072	245	\$	1.76	\$	(0.17)	-8.86%
Transformation Connection       Image: Connection		¢	0 0075	245	¢	1.8/	¢	0.0070	245	¢	1 72	¢	(0.12)	-6.67%
Total B)         \$         28.82          \$         32.16         \$         3.34         11.5           Wholesale Market Service Charge (WMSC)         \$         0.0036         245         \$         0.88         \$         0.88         \$         0.88         \$         0.036         245         \$         0.88         \$         -         0.00           Rural and Remote Rate Protection (RRRP)         \$         0.0003         245         \$         0.07         \$         0.003         245         \$         0.07         \$         -         0.00           Standard Supply Service Charge         \$         0.25         1         \$         0.25         \$         -         0.00           TOU - Off Peak         \$         0.0650         153         \$         9.97         \$         0.0650         153         \$         9.97         \$         -         0.00           TOU - Off Peak         \$         0.0940         40         \$         3.77         \$         -         0.00           TOU - On Peak         \$         0.1320         42         \$         5.61         \$         0.1320         42         \$         5.61         \$         0.00 <td></td> <td>Ψ</td> <td>0.0075</td> <td>243</td> <td>Ψ</td> <td>1.04</td> <td>φ</td> <td>0.0070</td> <td>243</td> <td>φ</td> <td>1.72</td> <td>φ</td> <td>(0.12)</td> <td>-0.07 /8</td>		Ψ	0.0075	243	Ψ	1.04	φ	0.0070	243	φ	1.72	φ	(0.12)	-0.07 /8
Interior       Interior <th< td=""><td>Sub-Total C - Delivery (including Sub-</td><td></td><td></td><td></td><td>¢</td><td>28.82</td><td></td><td></td><td></td><td>¢</td><td>22.16</td><td>¢</td><td>3 34</td><td>11.59%</td></th<>	Sub-Total C - Delivery (including Sub-				¢	28.82				¢	22.16	¢	3 34	11.59%
(WMSC)       0.0036       245       \$       0.88       \$       0.0036       245       \$       0.0036       245       \$       0.0036       245       \$       0.0036       245       \$       0.0036       245       \$       0.0036       245       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.088       \$       0.036       245       \$       0.087       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007       \$       0.007	,				Ψ	20.02				Ψ	52.10	Ψ	5.54	11.5576
Rural and Remote Rate Protection (RRRP)       \$       0.0003       245       \$       0.0003       245       \$       0.0003       245       \$       0.07       \$       0.07       \$       0.00         Standard Supply Service Charge       \$       0.25       1       \$       0.25       1       \$       0.25       \$       0.00         TOU - Off Peak       \$       0.0650       153       \$       9.97       \$       0.0050       153       \$       9.97       \$       0.00         TOU - Off Peak       \$       0.0940       40       \$       3.77       \$       0.0940       40       \$       3.77       \$       0.00         TOU - Mid Peak       \$       0.1320       42       \$       5.61       \$       0.940       40       \$       3.77       \$       0.00         TOU - On Peak       \$       0.1320       42       \$       5.61       \$       0.0120       42       \$       5.61       \$       0.021       42       \$       5.61       \$       0.0120       42       \$       5.61       \$       0.0120       42       \$       5.61       \$       0.0120       \$       0.0120       \$		\$	0.0036	245	\$	0.88	\$	0.0036	245	\$	0.88	\$	-	0.00%
Standard Supply Service Charge       \$       0.0003       245       \$       0.0003       245       \$       0.07       \$ </td <td></td> <td>Ψ</td> <td>0.0000</td> <td>240</td> <td>Ψ</td> <td>0.00</td> <td>Ψ</td> <td>0.0000</td> <td>240</td> <td>Ψ</td> <td>0.00</td> <td>Ψ</td> <td></td> <td>0.0070</td>		Ψ	0.0000	240	Ψ	0.00	Ψ	0.0000	240	Ψ	0.00	Ψ		0.0070
Standard Supply Service Charge       \$       0.25       1       \$       0.25       1       \$       0.25       1       \$       0.25       \$       -       0.00         TOU - Off Peak       \$       0.0650       153       \$       9.97       \$       0.0650       153       \$       9.97       \$       0.00       0.00         TOU - Off Peak       \$       0.0940       40       \$       3.77       \$       0.0940       40       \$       3.77       \$       0.0940       40       \$       3.77       \$       0.00	Rural and Remote Rate Protection (RRRP)	\$	0.0003	245	\$	0.07	\$	0.0003	245	\$	0.07	\$	-	0.00%
TOU - Off Peak       \$       0.0650       153       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       9.97       \$       0.0       0.0         TOU - Mid Peak       \$       0.0940       40       \$       3.77       \$       0.0040       40       \$       3.77       \$       -       0.00         TOU - On Peak       \$       0.1320       42       \$       5.61       \$       0.0       0.0         Comparison       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         Comparison       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         Total Bill on TOU (before Taxes)       \$       \$       49.37       \$       6.42       13%       \$       6.85       \$       0.43       6.7         HST       8% Rebate       8%       \$       (3.95)       8%       \$       \$       \$       0.23       <		*			·					*				
TOU - Mid Peak       \$       0.0940       40       \$       3.77       \$       3.77       \$       -       0.00         TOU - On Peak       \$       0.1320       42       \$       5.61       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         TOU - On Peak       \$       0.1320       42       \$       5.61       \$       0.1320       42       \$       5.61       \$       -       0.00         Mode       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         Mode       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         Mode       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         Mode       \$       0.42       \$       49.37       \$       6.42       13%       \$       6.85       \$       0.43       6.7         BY       8%       8%       3.95       8%       \$       3.84       6.7       \$		\$		1	Ψ				-			*	-	0.00%
TOU - On Peak       \$       0.1320       42       \$       0.1320       42       \$       5.61       \$       -       0.00         TOU - On Peak       \$       0.1320       42       \$       5.61       \$       -       0.00         Total Bill on TOU (before Taxes)       \$       \$       49.37       \$       \$       \$       0.432       \$       5.61       \$       -       0.00         HST       3% Rebate       \$       6.42       13%       \$       6.42       13%       \$       6.85       \$       0.43       6.7         % Rebate       8%       \$       (3.95)       8%       \$       (4.22)       \$       (0.27)		\$			*							*		0.00%
Total Bill on TOU (before Taxes)         \$ 49.37         \$ 52.71         \$ 3.34         6.7           HST         13%         \$ 6.42         13%         \$ 6.85         \$ 0.43         6.7           8% Rebate         8%         \$ (3.95)         8%         \$ (4.22)         \$ (0.27)		\$			*					-		+	-	0.00%
HST         13%         \$         6.42         13%         \$         6.85         \$         0.43         6.74           8% Rebate         8%         \$         (3.95)         8%         \$         (4.22)         \$         (0.27)	TOU - On Peak	\$	0.1320	42	\$	5.61	\$	0.1320	42	\$	5.61	\$	-	0.00%
HST         13%         \$         6.42         13%         \$         6.85         \$         0.43         6.74           8% Rebate         8%         \$         (3.95)         8%         \$         (4.22)         \$         (0.27)					+		1					1		
8% Rebate 8% \$ (3.95) 8% \$ (4.22) \$ (0.27)					•			1001		-		•		6.76%
	-											*		6.76%
Iotal Bill on IOU \$ 55.35 \$ 3.51 6.7			8%			( /		8%						0 700/
	Total Bill on TOU				\$	51.84				\$	55.35	\$	3.51	6.76%

## Appendix 4: Global Adjustment Analysis Work Form

(Presented in PDF and Excel Format)

## **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

Yea	r(s) Requested for Disposition	2013
	it cells o down cells	

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

Year		2013		
Total Metered excluding WMP	C = A+B	664,104,226	kWh	100%
RPP	A	363,905,363	kWh	54.8%
Non RPP	B = D + E	300,198,863	kWh	45.2%
Non-RPP Class A	D	-	kWh	0.0%
Non-RPP Class B*	E	300,198,863	kWh	45.2%

\*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.

#### GA Billing Rate Note 3

Note 1

GA is billed on the

1st Estimate

#### GA Billing Rate Description

All non-RPP Class B customers are billed on the first GA estimate. The billing cycle is on a calendar month basis for all customers. Consumption for each billing cycle is billed in the subsequent month.

#### Note 4 Analysis of Expected GA Amount

#### 2013 Year Non-RPP Class B Add Current Month Non-RPP Class B Including Deduct Previous Month Unbilled Loss Including Loss Adjusted Loss Factor Billed Unbilled Loss Adjusted Adjusted Consumption, Adjusted GA Rate Billed \$ Consumption at GA Actual Rate \$ Consumption at Expected GA Calendar Month for Unbilled (kWh) (\$/kWh) GA Rate Billed Paid (\$/kWh) Actual Rate Paid Consumption (kWh) Consumption (kWh) Consumption (kWh) Variance (\$) E G н I = F-G+H л K = I\*J M = I\*L =M-K 26,852,997 26,852,997 0.03770 \$ 1,012,358 0.04999 1,342,381 \$ 330,023 January February 24,409,326 0.05730 \$ 1,398,654 0.04814 \$ 1,175,065 -\$ 223,589 24,409,326 March 25,493,384 24,587,899 25,493,384 24,587,899 0.04370 1,114,061 0.04926 1,255,804 \$ 141.743 -1.386.758 1,443,064 \$ 0.05640 56,306 April May 25,648,787 -25,648,787 0.05130 \$ 1,315,783 0.06759 1,733,602 \$ 417,819 26,315,396 June 26,315,396 1,686,817 0.07043 1,853,393 \$ 166,576 0.06410 -July 28,334,793 28,334,793 0.07380 2,091,108 0.05089 1,441,958 -\$ 649,150 -August 27,524,160 27,524,160 0.04010 1,103,719 0.06245 1,718,884 \$ 615,165 September 25,531,230 . 25,531,230 0.08720 2,226,323 0.06655 1,699,103 -\$ 527,220 25,649,792 25,225,758 25,649,792 25,225,758 1,490,253 1,571,565 0.06312 0.07855 October 0.05810 1,619,015 \$ 128,762 -1,981,483 \$ 0.06230 409,919 November December Net Change in Expected GA Balance in the Year (i.e. 1,987,957 26,122,958 26,122,958 0.07610 0.05068 1,323,912 -\$ 664,046 Transactions in the Year) 311,696,480 311,696,480 18,385,355 18,587,663 \$ 202,309

GA Rates per IESO website

		2013	
	First	Second	
(\$/kWh)	Estimate	Estimate	Actual
January	0.0377	0.0507	0.04999
February	0.0573	0.0456	0.04814
March	0.0437	0.0498	0.04926
April	0.0564	0.0546	0.05869
May	0.0513	0.0664	0.06759
June	0.0641	0.0791	0.07043
July	0.0738	0.0454	0.05089
August	0.0401	0.069	0.06245
September	0.0872	0.0631	0.06655
October	0.0581	0.0636	0.06312
November	0.0623	0.0849	0.07855
December	0.0761	0.043	0.05068

Calculated Loss Factor

1.0383

#### Note 5 Reconciling Items

Image:			[	Amount (Quantify if it is	
Item         Item (Y/N)         item)         Explanation           ket Change in Principal Balance in the GL (i.e. Transactions in the Year)         \$ 16,941           Remove impacts to GA from prory ara RPP Settlement true         No         Not a reconciling item           Add impacts to GA from current year RPP Settlement true         No         Not a reconciling item           bup process that are booked in current year         No         Not a reconciling item           2a         differences         No         Not a reconciling item           2b         difference set         No         Not a reconciling item           2b         Add current year end unbilled to actual revenue         No         Not a reconciling item           2b         Add difference between prior year accural to forecast         No         Not a reconciling item           3d         from long term load transfers         No         Not a reconciling item           4d         difference between current year accural to forecast         No         Not a reconciling item           3d         from long term load transfers         No         Not a reconciling item           4d         Remove GA balances pertaining to Class A customers         No         Not a reconciling item           5         finding consumption used in the GA hanlysis         No         No			Applicability of Decenciling		
ket Change in Principal Balance in the GL (Le. Transactions in the Year)       \$ 16,941         Remove impacts to GA from prior year RPP Settlement true       No         1a Up process that are booked in current year       No         Add impacts to GA from prior year RPP Settlement true       No         1b up process that are booked in subsequent year       No         Remove prior year end unbilled to actual revenue       No         2a differences       No         Remove difference between prior year accrual to forecast       No         3a from long term load transfers       No         Add difference Shalances pertaining to Class A customers       No         Add difference Shalance but would not be included in the current year accrual to forecast       No         3b from long term load transfers       No         4 Remove GA balances pertaining to Class A customers       No         Significant prior period billing adjustments included in the current year acrue and rate charged on bioled in the current year acrue and rate charged on bioled in the current year GL balance but would not be analysis       No         Differences in GA IESO posted rate and rate charged on bioled at transfers       No       Not a reconciling item         6       IESO invoice       No       Not a reconciling item         0       No       No ta reconciling item       No significant prior period billing adju		lte m			
Remove impacts to GA from prior year RPP Settlement true       No       Not a reconciling item         1a up process that are booked in current year       No       Not a reconciling item         1b up process that are booked in subsequent year       No       Not a reconciling item         1b up process that are booked in subsequent year       No       Not a reconciling item         2a differences       No       Not a reconciling item         2b Add current year end unbilled to actual revenue differences       No       Not a reconciling item         3a from long term load transfers       No       Not a reconciling item         3d fifterence between prior year accrual to forecast       No       Not a reconciling item         3d fifterence between prior year accrual to forecast       No       Not a reconciling item         4 Remove GA balances pertaining to Class A customers       No       Not a reconciling item         3ignificant prior period billing adjustments included in the stilling consumption used in the GA analysis       No       No         5 ling consumption used in the GA Analysis       No       No a reconciling item         7       No       No       No ta reconciling item         8       No       No significant prior period billing adjustments         0       No       No ta reconciling item         6		Item	Item (Y/N)	item)	Explanation
Remove impacts to GA from prior year RPP Settlement true       No       Not a reconciling item         1a up process that are booked in current year       No       Not a reconciling item         1b up process that are booked in subsequent year       No       Not a reconciling item         1b up process that are booked in subsequent year       No       Not a reconciling item         2a differences       No       Not a reconciling item         2b Add current year end unbilled to actual revenue differences       No       Not a reconciling item         3a from long term load transfers       No       Not a reconciling item         3d fifterence between prior year accrual to forecast       No       Not a reconciling item         3d fifterence between prior year accrual to forecast       No       Not a reconciling item         4 Remove GA balances pertaining to Class A customers       No       Not a reconciling item         3ignificant prior period billing adjustments included in the stilling consumption used in the GA analysis       No       No         5 ling consumption used in the GA Analysis       No       No a reconciling item         7       No       No       No ta reconciling item         8       No       No significant prior period billing adjustments         0       No       No ta reconciling item         6					
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Remove difference between prior year accrual to forecast       No       No       Not a reconciling item         Add difference between current year accrual to forecast       No       Not a reconciling item         Add difference between current year accrual to forecast       No       Not a reconciling item         4       Remove GA balances pertaining to Class A customers       No       Do not have Class A Customers in this year.         5       Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis       No       No significant prior period billing adjustments         0       Differences in GA IESO posted rate and rate charged on filesO invoice       No       No a reconciling item         7       0       No       Not a reconciling item         9       0       0       Not a reconciling item         10       1       1       1         0       1       1       1			No		Not a reconciling item
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3b       from long term load transfers       No       Not a reconciling item         4       Remove GA balances pertaining to Class A customers       No       Do not have Class A Customers in this year.         5       Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA analysis       No       Do not have Class A Customers in this year.         5       billing consumption used in the GA analysis       No       No significant prior period billing adjustments         6       IESO invoice       No       Not a reconciling item         7       0       Not a reconciling item         8       0       0       Not a reconciling item         9       0       0       0         10       0       0       0         10       0       16,941	3a	from long term load transfers	No		Not a reconciling item
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5     billing consumption used in the GA Analysis     No     No significant prior period billing adjustments       Differences in GA IESO posted rate and rate charged on 6 IESO invoice     No     No ta reconciling item       7     No     No ta reconciling item       8     Image: Constraint of the GA Analysis     No       9     Image: Constraint of the GA Analysis     Image: Constraint of the GA Analysis       10     Image: Constraint of the GA Analysis     Image: Constraint of the GA Analysis       10     Image: Constraint of the GA Analysis     Image: Constraint of the GA Analysis       10     Image: Constraint of the GA Analysis     Image: Constraint of the GA Analysis       10     Image: Constraint of the GA Analysis     Image: Constraint of the GA Analysis					
Differences in GA IESO posted rate and rate charged on     No     Not a reconciling item       6 IESO invoice     No     Not a reconciling item       7         8         9         10         ote 6     Adjusted Net Change in Principal Balance in the GL     \$	5		No		No significant prior pariod hilling adjustments
6     IESO invoice     No     Not a reconciling item       7          8          9          10          ote 6     Adjusted Net Change in Principal Balance in the GL     \$     16,941	0		INO		No significant phot period bining adjustments
7     6     6       8     6     6       9     7     6       10     7     7       00     7     7       00     7     7       00     7     7	6		No		Not a reconciling item
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ote 6 Adjusted Net Change in Principal Balance in the GL \$ 16,941	0				
ote 6 Adjusted Net Change in Principal Balance in the GL \$ 16,941	9				
				\$ 16.0/1	
	NOLE 0	Net Change in Expected GA Balance in the Year Per Analy	vala	\$ 202.309	

Net Change in Expected GA Balance in the Year Per Analysis Unresolved Difference Unresolved Difference as % of Expected GA Payments to IESO

\$ 202,309 -\$ 185,367 - 0.0099725884

# **GA Analysis Workform**

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

Year		2014		
Total Metered excluding WMP	C = A+B	634,976,687	kWh	100%
RPP	A	338,375,737	kWh	53.3%
Non RPP	B = D+E	296,600,950	kWh	46.7%
Non-RPP Class A	D		kWh	0.0%
Non-RPP Class B*	E	296,600,950	kWh	46.7%

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

#### Note 3 GA Billing Rate

GA is billed on the

1st Estimate

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

#### Note 4 Analysis of Expected GA Amount

Year	2014								
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	27,676,316			27,676,316	0.03626	\$ 1,003,543	0.01261	\$ 348,998	-\$ 654,545
February	24,979,837			24,979,837	0.02231	\$ 557,300	0.01330	\$ 332,232	-\$ 225,068
March	26,810,934			26,810,934	0.01103	\$ 295,725	-0.00027	-\$ 7,239	-\$ 302,964
April	23,908,906			23,908,906	-0.00965	-\$ 230,721	0.05198	\$ 1,242,785	\$ 1,473,506
May	24,670,042			24,670,042	0.05356	\$ 1,321,327	0.07196	\$ 1,775,256	\$ 453,929
June	26,143,152			26,143,152	0.07190	\$ 1,879,693	0.06025	\$ 1,575,125	-\$ 304,568
July	27,092,200			27,092,200	0.05976	\$ 1,619,030	0.06256	\$ 1,694,888	\$ 75,858
August	26,692,405			26,692,405	0.06108	\$ 1,630,372	0.06761	\$ 1,804,673	\$ 174,301
September	25,349,589			25,349,589	0.08049	\$ 2,040,388	0.07963	\$ 2,018,588	-\$ 21,801
October	24,651,187			24,651,187	0.07492	\$ 1,846,867	0.10014	\$ 2,468,570	\$ 621,703
November	24,511,003			24,511,003	0.09901	\$ 2,426,834	0.08232	\$ 2,017,746	-\$ 409,089
December	25,475,197			25,475,197	0.07318	\$ 1,864,275	0.07444	\$ 1,896,374	\$ 32,099
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	307,960,768	-	-	307,960,768		\$ 16,254,634		\$ 17,167,996	\$ 913,362

Calculated Loss Factor

#### Note 5 Reconciling Items

	Item		Amount	Explanation
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the			
	Year)	\$	873,969	
	True-up of GA Charges based on Actual Non-RPP Volumes -	-		
1a	prior year			
	True-up of GA Charges based on Actual Non-RPP Volumes -	-		
1b	current year			
	Remove prior year end unbilled to actual revenue differences			
2b	Add current year end unbilled to actual revenue differences			
	Remove difference between prior year accrual/forecast to			
3a	actual from long term load transfers			
	Add difference between current year accrual/forecast to			
3b	actual from long term load transfers			
4	Remove GA balances pertaining to Class A customers			
	Significant prior period billing adjustments recorded in current	:		
5	year			
	Differences in GA IESO posted rate and rate charged on			
	IESO invoice			
7	Differences in actual system losses and billed TLFs			
	Others as justified by distributor			
9	GA Paid Differential			
10				
Note 6	Adjusted Net Change in Principal Balance in the GL	\$	873,969	
	Net Change in Expected GA Balance in the Year Per			
	Analysis	\$	913,362	
	Unresolved Difference	-\$	39,393	
	Unresolved Difference as % of Expected GA Payments to	)		
	IESO		-0.2%	

# **GA Analysis Workform**

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

Year		2015		
Total Metered excluding WMP	C = A+B	648,485,019	kWh	100%
RPP	A	358,064,600	kWh	55.2%
Non RPP	B = D+E	290,420,419	kWh	44.8%
Non-RPP Class A	D	-	kWh	0.0%
Non-RPP Class B*	E	290,420,419	kWh	44.8%

\*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

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

#### Note 4 Analysis of Expected GA Amount

Year	2015								
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	25,354,195			25,354,195	0.05549	\$ 1,406,904	0.05068	\$ 1,284,951	-\$ 121,954
February	26,406,215			26,406,215	0.06981	\$ 1,843,418	0.03961	\$ 1,045,950	-\$ 797,468
March	25,888,995			25,888,995	0.03604	\$ 933,039	0.06290	\$ 1,628,418	\$ 695,378
April	24,001,586			24,001,586	0.06705	\$ 1,609,306	0.09559	\$ 2,294,312	\$ 685,005
May	24,679,140			24,679,140	0.09416	\$ 2,323,788	0.09668	\$ 2,385,979	\$ 62,191
June	25,042,743			25,042,743	0.09228	\$ 2,310,944	0.09540	\$ 2,389,078	\$ 78,133
July	26,627,005			26,627,005	0.08888	\$ 2,366,608	0.07883	\$ 2,099,007	-\$ 267,601
August	26,112,091			26,112,091	0.08805	\$ 2,299,170	0.08010	\$ 2,091,578	-\$ 207,591
September	26,348,022			26,348,022	0.08270	\$ 2,178,981	0.06703	\$ 1,766,108	-\$ 412,874
October	23,572,676			23,572,676	0.06371	\$ 1,501,815	0.07544	\$ 1,778,323	\$ 276,507
November	23,917,923			23,917,923	0.07623	\$ 1,823,263	0.11320	\$ 2,707,509	\$ 884,246
December	23,592,930			23,592,930	0.11462	\$ 2,704,222	0.09471	\$ 2,234,486	-\$ 469,735
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	301,543,521	-	-	301,543,521		\$ 23,301,459		\$ 23,705,698	\$ 404,239

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Calculated Loss Factor

#### Note 5 Reconciling Items

	Item		Amount	Explanation
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the			
	Year)	\$	454,799	
	True-up of GA Charges based on Actual Non-RPP Volumes -	-		
1a	prior year			
	True-up of GA Charges based on Actual Non-RPP Volumes -	-		
1b	current year			
	Remove prior year end unbilled to actual revenue differences			
2b	Add current year end unbilled to actual revenue differences			
	Remove difference between prior year accrual/forecast to			
3a	actual from long term load transfers			
	Add difference between current year accrual/forecast to			
3b	actual from long term load transfers			
4	Remove GA balances pertaining to Class A customers			
	Significant prior period billing adjustments recorded in current	t		
	year			
	Differences in GA IESO posted rate and rate charged on			
	IESO invoice			
7	Differences in actual system losses and billed TLFs			
-	Others as justified by distributor			
-	Bill Code Switch			
10				
Note 6	Adjusted Net Change in Principal Balance in the GL	\$	454,799	
	Net Change in Expected GA Balance in the Year Per			
	Analysis	\$	404,239	
	Unresolved Difference	\$	50,560	
	Unresolved Difference as % of Expected GA Payments to	)		
	IESO		0.2%	

# **GA Analysis Workform**

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

Year		2016		
Total Metered excluding WMP	C = A+B	650,386,987	kWh	100%
RPP	A	363,246,586	kWh	55.9%
Non RPP	B = D+E	287,140,402	kWh	44.1%
Non-RPP Class A	D	-	kWh	0.0%
Non-RPP Class B*	E	287,140,402	kWh	44.1%

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

#### Note 3 GA Billing Rate

GA is billed on the

1st Estimate

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

#### Note 4 Analysis of Expected GA Amount

Year	2016								
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	25,137,943			25,137,943	0.08423	\$ 2,117,369	0.09179	\$ 2,307,412	\$ 190,043
February	25,252,972			25,252,972	0.10384	\$ 2,622,269	0.09851	\$ 2,487,670	-\$ 134,598
March	23,866,937			23,866,937	0.09022	\$ 2,153,275	0.10610	\$ 2,532,282	\$ 379,007
April	23,270,545			23,270,545	0.12115	\$ 2,819,226	0.11132	\$ 2,590,477	-\$ 228,749
Мау	24,078,953			24,078,953	0.10405	\$ 2,505,415	0.10749	\$ 2,588,247	\$ 82,832
June	25,042,043			25,042,043	0.11650	\$ 2,917,398	0.09545	\$ 2,390,263	-\$ 527,135
July	26,498,187			26,498,187	0.07667	\$ 2,031,616	0.08306	\$ 2,200,939	\$ 169,323
August	28,425,403			28,425,403	0.08569	\$ 2,435,773	0.07103	\$ 2,019,056	-\$ 416,716
September	25,124,493			25,124,493	0.07060	\$ 1,773,789	0.09531	\$ 2,394,615	\$ 620,826
October	23,710,050			23,710,050	0.09720	\$ 2,304,617	0.11226	\$ 2,661,690	\$ 357,073
November	23,451,085			23,451,085	0.12271	\$ 2,877,683	0.11109	\$ 2,605,181	-\$ 272,502
December	24,279,269			24,279,269	0.10594	\$ 2,572,146	0.08708	\$ 2,114,239	-\$ 457,907
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	298,137,879	-	-	298,137,879		\$ 29,130,575		\$ 28,892,072	-\$ 238,503

**~** 

Calculated Loss Factor

#### Note 5 Reconciling Items

	Item		Amount	Explanation
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the			
	Year)	-\$	162,008	
	True-up of GA Charges based on Actual Non-RPP Volumes -	-		
1a	prior year			
	True-up of GA Charges based on Actual Non-RPP Volumes -	-		
1b	current year			
	Remove prior year end unbilled to actual revenue differences	1		
2b	Add current year end unbilled to actual revenue differences			
	Remove difference between prior year accrual/forecast to			
3a	actual from long term load transfers			
	Add difference between current year accrual/forecast to			
3b	actual from long term load transfers			
4	Remove GA balances pertaining to Class A customers			
	Significant prior period billing adjustments recorded in current	t		
5	year			
	Differences in GA IESO posted rate and rate charged on			
	IESO invoice			
7	Differences in actual system losses and billed TLFs			
-	Others as justified by distributor			
•	GA Differential			
10				
Note 6	Adjusted Net Change in Principal Balance in the GL	-\$	162,008	
	Net Change in Expected GA Balance in the Year Per			
	Analysis	-\$	238,503	
	Unresolved Difference	\$	76,495	
	Unresolved Difference as % of Expected GA Payments to	)		
	IESO		0.3%	

## **GA Analysis Workform**

#### Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	
Veer(a) Requested for Dispesition	2017
Year(s) Requested for Disposition	2017

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

Year		2017		
Total Metered excluding WMP	C = A+B	626,156,512	kWh	100%
RPP	A	346,134,592	kWh	55.3%
Non RPP	B = D+E	280,021,920	kWh	44.7%
Non-RPP Class A	D	34,636,905	kWh	5.5%
Non-RPP Class B*	E	245,385,015	kWh	39.2%

\*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

Note 1

GA is billed on the

1st Estimate

#### GA Billing Rate Description

All non-RPP Class B customers are billed on the first GA estimate. The billing cycle is on a calendar month basis for all customers. Consumption for each billing cycle is billed in the subsequent month.

#### Note 4 Analysis of Expected GA Amount

Analysis of Expected GA Amount		_							
Year	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)		\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	25,325,878			25,325,878	0.06687	\$ 1,693,541	0.08227	\$ 2,083,560	\$ 390,019
February	22,906,567			22,906,567	0.10559	\$ 2,418,704	0.08639	\$ 1,978,898	-\$ 439,806
March	24,845,106			24,845,106	0.08409	\$ 2,089,225	0.07135	\$ 1,772,698	-\$ 316,527
April	22,468,468			22,468,468	0.06874	\$ 1,544,482	0.10778	\$ 2,421,651	\$ 877,169
May	23,279,147			23,279,147	0.10623	\$ 2,472,944	0.12307	\$ 2,864,965	\$ 392,021
June	24,655,892			24,655,892	0.11954	\$ 2,947,365	0.11848	\$ 2,921,230	-\$ 26,135
July	20,023,289			20,023,289	0.10652	\$ 2,132,881	0.11280	\$ 2,258,627	\$ 125,746
August	18,695,500			18,695,500	0.11500	\$ 2,149,983	0.10109	\$ 1,889,928	-\$ 260,054
September	18,522,104			18,522,104	0.12739	\$ 2,359,531	0.08864	\$ 1,641,799	-\$ 717,732
October	17,466,000			17,466,000	0.10212	\$ 1,783,628	0.12563	\$ 2,194,254	
November	18,035,405			18,035,405	0.11164	\$ 2,013,473	0.09704	\$ 1,750,156	-\$ 263,317
December	18,559,904			18,559,904	0.08391	\$ 1,557,362	0.09207	\$ 1,708,810	\$ 151,449
Net Change in Expected GA Balance in the Year (i.e.									
Transactions in the Year)	254,783,261	-	-	254,783,261		\$ 25,163,119		\$ 25,486,577	\$ 323,458

Calculated Loss Factor

1.0383

#### Note 5 Reconciling Items

			Americant (Oscentific if it is	
		Applicability of Decensiling	Amount (Quantify if it is	
		Applicability of Reconciling	a significant	
	ltem	Item (Y/N)	reconciling item)	Explanation
	ge in Principal Balance in the GL (i.e. Transactions in the `	rear)	\$ 342,237	
	Remove impacts to GA from prior year RPP Settlement true			
1a	up process that are booked in current year	No		Not a reconciling item
	Add impacts to GA from current year RPP Settlement true			
1b	up process that are booked in subsequent year	No		Not a reconciling item
	Remove prior year end unbilled to actual revenue			
	differences	No		Not a reconciling item
2b	Add current year end unbilled to actual revenue differences	No		Not a reconciling item
	Remove difference between prior year accrual to forecast			
3a	from long term load transfers	No		Not a reconciling item
	Add difference between current year accrual to forecast			
3b	from 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	165		Class A customers began in July 2017.
	current year GL balance but would not be included in the			
5	billing consumption used in the GA Analysis	No		No significant prior period billing adjustments
	Differences in GA IESO posted rate and rate charged on	110		
	IESO invoice	No		Not a reconciling item
7		NO		
8				
0 0				
10				
-	Adjusted Net Change in Principal Balance in the GL		\$ 342,237	
	Net Change in Expected GA Balance in the Year Per Anal	vsis	\$ 323,458	
	Unresolved Difference	,	\$ 18.779	
	Unresolved Difference as % of Expected GA Payments to	IESO	0.074%	
			0.01 1/0	

Newmarket – Tay Power Distribution Ltd. EB-2018-0055 IRM 2018 Application

## Appendix 5: LRAMVA Model

(Presented in PDF and Excel Format)

## LRAMVA Work Form: Checklist and Schematic

Version 3.0 (2019)

#### General Note on the LRAMVA Model

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

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

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

Legend

Drop Down List (Blue)

#### Important Checklist

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

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

Ontario Energy Board		
Childs	LRAMVA Work Form:	
	Summary Tab	
		Version 3.0 (2019)

Legend

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

Newmarket- Tay Power Distribution Ltd. LDC Name

#### 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				<u>c.</u>	Documentation of Changes	
Previous LRAMVA Application (EB#)	EB-2017-00	62	Current LRAMVA Application (EB#)		EB-2018-005	2	Orig	ginal Amount	s
Application of Previous LRAMVA Claim	2018 COS/IF	RM Application	Application of Current LRAMVA Claim		2019 COS/IR	M Application	Amo	ount for Final Disposition	
Period of LRAMVA Claimed in Previous Application	2011-2016		Period of New LRAMVA in this Applica	ation	2017				
Amount of LRAMVA Claimed in Previous Application	\$	1,197,288.00	Period of Rate Recovery (# years)		Ì	1			
			Actual Lost Revenues (\$)	A	s	452,235			
			Forecast Lost Revenues (\$)	в	\$	-			
			Carrying Charges (\$)	с	\$	11,080			
			LRAMVA (\$) for Account 1568	A-B+C	s	463,315			

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$117,917	\$2,889	\$120,806
GS<50 kW	kWh	\$130,439	\$3,196	\$133,635
GS>50 kW - Thermal Demand Meter	kW	\$158,359	\$3,880	\$162,239
GS>50 kW - Interval Meter	kW	\$6,719	\$165	\$6,883
Street Lighting	kW	\$38,802	\$951	\$39,752
Total		\$452,235	\$11.080	\$463,315

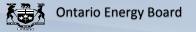
#### Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

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	0	0	0	0	0	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast	=	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2013 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast	=	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2014 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2015 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast	=	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2016 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals		\$117,916.79	\$130,438.96	\$158,359.26	\$6,718.80	\$38,801.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$452,235.42
2017 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00										
2018 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2019 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2020 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
Carrying Charges		\$2.888.96	\$3,195,75	\$3.879.80	\$164.61	\$950.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.079.77
Total LRAMVA Balance		\$120.806	\$133.635	\$162.239	\$6,883	\$39.752	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$463,315

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



## LRAMVA Work Form: Summary of Changes

Version 3.0 (2019)

Legend

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

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

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

No.	Tab	Cell Reference	Description	Rationale
1				
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 3.0 (2019)

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

	Total	Residential	GS<50 kW	GS>50 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	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
							•	·					·		
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Years Included in Threshold															
Source of Threshold	2009 Settlement Agreement														

#### Table 2-b. LRAMVA Threshold

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

	Total	Residential	GS<50 kW	GS>50 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	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Years Included in Threshold															

Source of Threshold 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 Table 3-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 3-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.

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	0.0	0.0	0.0	0.0
2011	2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

### **LRAMVA Work Form: Distribution Rates**

Version 3.0 (201

### 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 additional adjustments (i.e., rows) added to Table 5, please adjust the formulas in Table 5-a accordingly.

Rate Year         2011         2012         2013         2014         2015         2016         2017         2018         2019         22           Period (1 months)         0         0         0         0         0         0         0         4         0         0         0         0         0         0         4         0	
Period 2 (# months)         12         12         12         7         12	
S         0.0143         \$         0.0144         \$         0.0144         \$         0.0144         \$         0.0144         \$         0.0144         \$         0.0141         \$         0.0111         \$         0.0075              Caber dur for toragene revenue         Cher         -	
State idear for to scharing Rate idear for to scharing Rate idear for to regone revenue Other         W/h         S         0.0143         S         0.0002         S         0.0011         S         0.0011         S         0.0011         S         0.0011         S         0.0011         S         0.0007         S <th< td=""><td>-</td></th<>	-
Rate rider for foregone revenue Other         INVI- Adjusted rate         INVI- S         0.0143         S         0.0142         S         0.0143         S         0.0142         S         0.0143         S         0.0143         S         0.0142         S         0.0143         S         0.0143         S         0.0143         S         0.0143         S         0.0142         S         0.0144         S         0.0111         S         0.0075         S	-
Other         Adjusted rate         S         0.0143         \$         0.0142         \$         0.0144         \$         0.0144         \$         0.0144         \$         0.0144         \$         0.0143         \$         0.0142         \$         0.0144         \$         0.0111         \$         0.0077         \$	-
Calendar year equivalent         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0143         \$         0.0141         \$         0.0011         \$         0.0007         \$         \$         >         \$         >         \$         >         \$         >         \$         >         \$         >         \$         >         \$         >         \$         0.0111         \$         0.000	-
Co-Soft WW Rate rider for tax sharing Rate rider for forgone revenue Other         \$         0.0191         \$         0.0193         \$         0.0195         \$         0.0197         \$         0.0200         Image: constraint of the start offer for tax sharing Rate rider for forgone revenue Other         \$         0.0191         \$         0.0193         \$         0.0195         \$         0.0191         \$         0.0201         \$         0.0018         0.0191         \$         0.0191         \$         0.0192         \$         0.0192         \$         0.0192         \$         0.0192         \$         0.0192         \$         0.0192         \$         0.0196         \$         0.0196	-
Rate inder for faxe sharing Chain durf or forgone revenue         kWh         Image: Constraint of the sharing Rate inder for forgone revenue         kWh         Image: Constraint of the sharing Rate inder for faxe sharing Calendar year equivalent         S         0.0191         S         0.0191         S         0.0192         S         0.0194         S         0.0196         S<	-
Rate rider for loregone revenue         KWh         Image: state state for for loregone revenue         Image: state state for loregone revenue         Image: state stat	-
Other         Adjusted rate         S         0.0191         S         0.0192         S         0.0194         S         0.0196         S         0.0196         S	-
Calendar year equivalent         \$         0.0191         \$         0.0192         \$         0.0193         \$         0.0194         \$         0.0196         \$         0.0198         \$         \$         \$         \$         \$         \$         0.0191         \$         0.0191         \$         0.0192         \$         0.0194         \$         0.0196         \$         0.0198         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         0.0198         \$         0.0198         \$	-
GS-S0 KW - Thermal Demand Meter Rate rider for tax sharing Calendar year equivalent         \$             4.5800         \$             4.5800         \$             4.5800         \$             4.6203         \$             4.6711         \$             4.7178         \$             4.7791         Image: Calendar year equivalent         Image: Calendar year equivalent         \$             4.7081         \$             4.7178         \$             4.7791         Image: Calendar year equivalent         Image: Calendar year equivalent         \$             4.6454         \$             4.6454         \$             4.6454         \$             4.6454         \$             4.7081         \$             4.7081         \$             4.7645         \$             5             5	-
Rate rider for tax sharing         KW         \$         0.0250         \$         0.0257         \$         0.025	-
Rate rider for foregone revenue         KW         Image: state sta	-
Other         Adjusted rate         S         4.5800         \$         4.5800         \$         4.6845         \$         4.6454         \$         4.6454         \$         4.6923         \$         4.7645         \$	-
Calendar year equivalent         \$         4.5800         \$         4.5800         \$         4.5803         \$         4.6824         \$         4.6823         \$         4.7044         \$	-
GS>50 KW - Interval Meter         S         4.7081         S         4.7495         S         4.8017         S         4.8497         S         4.9127           Rate rider for foregone revenue         KW         S         4.7081         S         4.7495         S         4.8017         S         4.8497         S         4.9127         Image: Constant of the	
Rate inder for frax sharing         Rate inder for foreagner venue         W         S         0.0250         \$         0.0257         \$         0.0257         \$         0.0255         \$         0.0146         Image: Constraint of the state o	· · ·
Rate rider for foregone revenue         KV         Image: Constraint of the state	
Other         Adjusted rate         \$ 4.7081         \$ 4.7081         \$ 4.7245         \$ 4.7760         \$ 4.8242         \$ 4.8981         \$ - <td>-</td>	-
Adjustor rate         \$         4.7081         \$	-
Street Lighting         \$         15.2085         \$         15.3423         \$         15.5111         \$         15.6662         \$         15.8699	
Rate inder for tax sharing         \$ 0.1687         \$ 0.1734         \$ 0.1601         \$ 0.1966            Rate inder for forcegone revenue         W	
Other	
Adjusted rate \$ 15.2085 \$ 15.2085 \$ 15.1736 \$ 15.3377 \$ 15.3377 \$ 15.5061 \$ 15.6733 \$ \$ \$ \$	-
Calendar year equivalent \$ 15.2085 \$ 15.1736 \$ 15.2693 \$ 15.377 \$ 15.5061 \$ 15.6176 \$ - \$ - \$	
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Rate rider for tax sharing         0 </td <td></td>	
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Rate inder for tax sharing         0 </td <td></td>	
Other	
Adjusted rate         S         <	

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

### Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	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
2011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2012	\$0.0143	\$0.0191	\$4.5800	\$4.7081	\$15.2085	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0142	\$0.0192	\$4.5953	\$4.7245	\$15.1736	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0143	\$0.0193	\$4.6245	\$4.7545	\$15.2693	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0144	\$0.0194	\$4.6454	\$4.7760	\$15.3377	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0111	\$0.0196	\$4.6923	\$4.8242	\$15.5061	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0087	\$0.0198	\$4.7404	\$4.8735	\$15.6176	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
e: LDC to make note of the years re	moved from this table	, whose distributio	n rates are not part of t	he LRAMVA disposi	tion									

Instructions

### LRAMVA Work Form: Determination of Rate Class Allocations

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes	, including su	upporting do	ocumentation an	d rationale for it	s proposal.	This should
			Rate Allocation	s for LRAMVA		
2015 CDM Programs	Residentia I	GS<50 kW	GS>50 kW - Thermal Demand Meter	GS>50 kW - Interval Meter	Street Light	ting 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		20%	48%		32%	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%
Low income initiative	100%					100%
Other						
Conservation First Framework						
Conservation First Framework Residential Province-Wide Programs						
Save on Energy Coupon Program	100%					100%
Save on Energy Heating & Cooling Program	100%					100%
Non-Residential Province-Wide Programs						
Save on Energy Retrofit Program		30%	65%	5%		100%

			Rate Allocation			
2016 CDM Programs	Residentia		GS>50 kW -	GS>50 kW -		
	I	GS<50 kW	Thermal Demand Meter	Interval Meter	Street Lighting	Total
Legacy Framework						
Residential Program Coupon Initiative	100%					100%
Bi-Annual Retailer Event Initiative	100%					100%
Appliance Retirement Initiative 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%
		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 Process and Systems Upgrades Initiatives - Energy Manager Initiative			100% 100%			100%
Process and Systems opgrades 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%
Home Depot Home Appliance Market Uplitt Conservation Fund Pilot Program	100%					100%
Conservation First Framework						
Residential Province-Wide Programs Save on Energy Coupon Program	100%					100%
Save on Energy Coupon Program 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 Programs						
Save on Energy Audit Funding Program			100%			100%
Save on Energy Retrofit Program		30%	65%	5%		100%
		3076	0376	576		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 Save on Energy Process & Systems Upgrades Program			100% 100%			100%
Save on Energy Monitoring & Targeting Program			100%			100%
Save on Energy Energy Manager Program			100%			100%
Local & Regional Programs Social Benchmarking Local Program	100%					100%
Local & Regional Programs Social Benchmarking Local Program	100%		Rate Allocation	s for I RAMVA		100%
Social Benchmarking Local Program			Rate Allocation GS>50 kW -			
Local & Regional Program Social Benchmarking Local Program 2017 CDM Programs	100% Residentia			s for LRAMVA GS>50 kW - Interval Meter		100%
Social Benchmarking Local Program 2017 CDM Programs Legacy Framework			GS>50 kW -	GS>50 kW -		
Social Benchmarkling Local Program 2017 COM Programs Legacy Framework Residential Program	Residentia I		GS>50 kW -	GS>50 kW -	Street Lighting	Total
Social Benchmarking Local Program 2017 CDM Programs Legacy Framework Residential Program Bi-Annual Retailer Event Initiative	Residentia I 100%		GS>50 kW -	GS>50 kW -	Street Lighting	100%
Social Benchmarking Local Program 2017 CDM Programs Legacy Framework Residential Program Bi-Annual Retailer Event Initiative	Residentia I 100% 100% 100%		GS>50 kW -	GS>50 kW -	Street Lighting	100% 100% 100%
Social Benchmarking Local Program 2017 CDM Programs Legacy Framework Residential Program Coupon Initiative Event Initiative Appliance Retirement Initiative HVAC Incentives Initiative	Residentis 100% 100% 100% 100%		GS>50 kW -	GS>50 kW -	Street Lighting	100% 100% 100%
Social Benchmarking Local Program 2017 CDM Programs Legacy Framework Residential Program Couron Initiative Bi-Annual Resider Event Initiative Residential Resider Event Initiative Residential New Construction and Major Renovation Initiative	Residentia I 100% 100% 100%		GS>50 kW -	GS>50 kW -	Street Lighting	100% 100% 100%
Social Benchmarking Local Program     2017 CDM Programs     Legacy Ensmework     Residential Program     Courson Initiative     Br-Annual Retailer Event Initiative     Appliance Reterment Initiative     HVAC Incentives Initiative     Residential New Construction and Major Renovation Initiative     Commercial & Institutional Program	Residentis 100% 100% 100% 100%		GS>50 kW - Thermal Demand Meter	GS>50 kW -	Street Lighting	100% 100% 100% 100%
Social Benchmarking Local Program 2017 CDM Programs Logacy Transwork Residential Program B-Annual Retailer Event Initiative Appliance Retirement Initiative HVAC Incentives Initiative Residential New Construction and Major Renovation Initiative Commercial & Initiativoe Retirement Replacement Incentive Initiative Energy Audit Initiative	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW -	GS>50 kW -	Street Lighting	100% 100% 100% 100%
Social Benchmarking Local Program 2017 CDM Programs Logacy Framework Residential Program Coupon Initiative Bi-Annual Retailer Event Initiative Appliance Retainerent Initiative HVAC Incentives Initiative Residential Nev Construction and Major Renovation Initiative Residential Nev Construction and Major Renovation Initiative Commercial & Institutional Program Entidentive Efficiency, Equipment Replacement Incentive Initiative	Residentis 100% 100% 100% 100%	<sup>a</sup> GS<50 kW	GS>50 kW - Thermal Demand Meter 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100%
Social Benchmarking Local Program 2017 CDM Programs Legacy Framework Residential Program Expansion Control Program Control Pr	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Demand Meter	GS>50 kW -	Street Lighting	100% 100% 100% 100%
Social Benchmarking Local Program     2017 CDM Programs      Legacy Framework     Residential Program     Coupon Initiative     BA-rinual Residencement Initiative     BA-rinual Residencement Initiative     Residential New Construction and Major Renovation Initiative     Residential New Construction and Major Renovation Initiative     Efficiency: Equipment Residencement Incentive Initiative     Network Residencement Incentive Initiative     Efficiency: Equipment Residencement Incentive Initiative     Network Residencement Incentive Initiative	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Demand Meter 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100%
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Social Benchmarking Local Program  2017 CDM Programs  Legacy Framework Residential Program Course Initiative Bi-Annual Retailer Event Initiative Appliance Retainerst Initiative Residential New Construction and Major Renovation Initiative Commercial & Institutional Program Entroy Audit Initiative Efficiency: Equipment Replacement Initiative New Construction and Major Renovation Initiative New Construction and Major Renovation Initiative Industrial Program Industrial Program	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Demand Meter 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program     2017 CDM Program     Basidontal Program     Social Program     So	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Demand Meter 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program     2017 CDM Programs     Legacy Framework     Residential Program     Councer Initiative     Residential Program     Commercial & Institutional Program     Commercial & Institutional Program     Commercial & Institutional Program     Commercial & Institutional Program     Ensity Audit Initiative     Process and Systems Updandes Initiatives – Motion Initiative     Process and Systems Updandes Initiatives – Kenstein northing Miniative     Process and Systems Updandes Initiatives – Frenzy Manager Initiative	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Programs  Legacy Framework Residential Program Course Initiative Bi-Annual Retailer Event Initiative Appliance Retainerst Initiative Residential New Construction and Major Renovation Initiative Commercial & Institutional Program Entroy Audit Initiative Efficiency: Equipment Replacement Initiative New Construction and Major Renovation Initiative New Construction and Major Renovation Initiative Industrial Program Industrial Program	Residentis 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
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Social Benchmarking Local Program  Control Program  Legacy Framework Residential Program Coupon Initiative BA-Annual Resider Event Initiative BA-Annual Resider Event Initiative Commercial & Institutional Program Emission: Evaluational Program Emission: Evaluational Program Emission: Evaluational Program Emission: Evaluation Initiative Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Protect Incentive Initiative Process and Systems Upgrades Initiatives - Monitoring and Tarapting Initiative Low Income Initiative Low Income Initiative Commercial Initiative	Residentia 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program 2017 CDM Programs Logacy Enamework Residential Program Be-Annual Retailer Event Initiative Appliance Retirement Initiative Appliance Retirement Initiative Residential New Construction and Major Renovation Initiative Genomerical & Institutional Program Energy Audit Initiative Existing Building Commissioning Incentive Initiative New Construction and Major Renovation Initiative Existing Building Commissioning Incentive Initiative Existing Building Commissioning Incentive Initiative Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative Low Income Initiative	Residentia 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Programs  Legacy Framework Residential Program Coupon Initiative Residential Program Event Initiative Applances Retirement Initiative Residential New Construction and Major Renovation Initiative Commercial & Institutional Program Entry Audit Initiative Residential New Construction and Major Renovation Initiative Residential New Construction and Major Renovation Initiative Existing Building Commissioning Incentive Initiative Frocess and Systems Upgrades Initiatives - Maintoing and Targeting Initiative Process and Systems Upgrades Initiatives - Rengry Manager Initiative Records and Systems Upgrades Initiatives - Rengry Manager Initiative Columnone Initiative Columnone Program Low Income Program Conservation Fund Plipts Conservation Fund Conservation Fund Conservation Fund Conservation	Residentic	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  COTICOM Programs  Legacy Framework Residential Program Courson Initiative Commercial & Institutional Molor Renovation Initiative ProCoss Initiative Entry Audit Initiative Entry Audit Initiative Efficiency: Equipment Relative Existing Building Commissioning Incentive Initiative Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Mentoring and Targeting Initiative Evaluation Entry Manager Initiative Coher Conservation Fund Pilots Inone Epoch Ione Applicate Market Uplit Conservation Fund Pilot Program Conservation Fund Pilots Residential Programs	Residentia 100% 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDII Program  Lagacy Framework  Residential Program  Bencing And Program  Processing Structure Free Program  Energy Audit Initiative Energy Initiative Energy Manager Initiative Process and Systems Upprade Initiatives - Protect Incentive Initiative Process and Systems Upprade Initiatives - Energy Manager Initiative Contercome Program Economic Fund Pilots Home Depot Home Appliance Market Upilt Conservation Fund Pilot Program Conservation Fund Pilots Processing States Termemorks Energy Audit Conservation Fund Pilot Program Energy Audit Initiative Economic Fund Pilots Processing States Termemorks Energy Audit Initiative Energy Audit Initiative Economic Fund Pilots Freedment Fordame Energy Audit Pilot Program Energy Audit Pilot Pilot Program Energy Audit Pilot Program Ener	Residentia 100% 100% 100% 100% 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  Conson Initiative  Legacy Framework Residential Program Course Initiative BA-rinual Resider even Initiative BA-rinual Resider even Initiative Commercial & Institutional Program Residential New Construction and Major Renovation Initiative Residential Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Nontoring and Tarasteing Initiative Low Income Initiative Conservation Fund Pliots Home Depch Home Appliance Market Upitt Conservation Fund Pliot Program Residential Program Save on Energy Volucion Program Save on Energy Volucion Program	Residentia 100% 100% 100% 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program 2017 CDII Program 2017 CDII Program Residential Program Residential Program Processing Resinement Initiative Processing System Upgrame Initiative Existing Building Commissioning Incentive Initiative Process and Systems Upgrame Initiatives - Project Incentive Initiative Process and Systems Upgrame Initiatives - Energy Manager Initiative Contence Program Low Income Program Low Income Program Conservations Fund Protos Home Program Conservations Fund Protos Home Appliance Market Upilit Conservation Fund Priot Program Generation Fund Proces Server Program Existing Server Program	Residentia 100% 100% 100% 100% 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  Constraint Program  Legacy Framework Residential Program  Coupon Initiative  Apoplances Retirement Initiative Apoplances Retirement Initiative  Residential Program  Commercial & Institutional Program  Energy Audit Initiative  Commercial & Institutional Program  Energy Audit Initiative  Residential Program  Logades Initiative  Process and Systems Upgrades Initiatives - Protect Incentive Initiative  Process and Systems Upgrades Initiatives - Protect Incentive Initiative  Process and Systems Upgrades Initiatives - Protect Incentive Initiative  Process and Systems Upgrades Initiatives - Protect Incentive Initiative  Process and Systems Upgrades Initiatives - Protect Incentive Initiative  Process and Systems Upgrades Initiatives - Energy Manager Initiative  Contence Program Low Income Program Low Income Program Save on Energy Nource - Wide Programs Save on Energy Nource - Wide Program Save on Energy Nource August Program Save on Energy Neurol Systems Initiatives Program Save on Energy Neurose August	Residentia 100% 100% 100% 100% 100% 100%	GS<50 KW	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Program  Lasso Francework  Lasso Francework  Construction  Commercial A tradition of the second o	Residentia 100% 100% 100% 100% 100% 100%	GS<50 KW	03-50 kW - Thermal Demand Meter 100% 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDII Program  Lagacy Framework Residential Program  Benergy Audi Initiative  Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Process and Systems Uponde Initiative Cother Conservation Fund Priots Home Appliance Market Upitt Conservation Fund Priot Program Save on Energy Vene Assistance Program Save on Energy Vene Provee Program Save On Energy Vene Prov	Residentia 100% 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	GS>50 kW - Thermal Domand Meter 100% 100% 100% 100%	GS>50 kW -	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Programs  Lasson Francework  Residential Program  Coupon Initiative  Processing Program  Energy Audit Initiative  Processing Program  Low Income Initiative  Program  Low Income Initiative  Program  Commendia Initiative  Program  Processing Program  Low Income Initiative  Program  Commendia Initiative  Program  Commendia Initiative  Program  Commendia Initiative  Program  Processing Program  Commendia Initiative  Program  Save on Energy New Construction Program	Residentia 100% 100% 100% 100% 100% 100%	65<50 kW	CS-56 Jr. Thermal Domand Meter 100% 100% 100% 100% 100% 100% 100% 50%	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Program  Legacy Framework Residential Program  Edges Pramework Residential Program  Processing Residence Free Institute Processing System Locade Institute Processing Systems Locade Institutes - Protect Institute Processing Systems Locade Institutes - Energy Manager Institute Processing Systems Vocade Institutes - Program Save on Energy How Assistance Program Save on Energy Add Funding Program Save on Energy Add Funding Program Save on Energy Add Funding Program Save on Energy Home Assistance Program Save on Energy Home Assistance Program Save on Energy Home Assistance Program Save on Energy Add Funding Program Save on Energy Add Funding Program Save on Energy Home Assistance Program Save on Energy Home Assistance Program Save on Energy Home Assistance Program Save on Energy	Residentia 100% 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	CS-50 FW - Thermal Demand Meter 100% 100% 100% 100% 100% 100%	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  Conservation  Commercial Analysis  Lagacy Framework  Residential Program  Commercial & Institutional Program  Commercial & Institutional Program  Commercial & Institutional Program  Ensity Audit Institutional Program  Commercial & Institutional Program  Existing Sublema Upandes Initiative  Process and Systema Upandes Initiative  Fractional Upandes Initiative  Industrial Program  Low Income Program  Low Income Program  Low Income Program  Conservation Fund Plust  Commercial First Framework  Residential Province-Wide Programs Save on Ensery Net First Framework  Residential Province-Wide Program  Save on Ensery Nuel France  Non-Residential Program  Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Save on Enser	Residentia 100% 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	CS-50 kW - Thermal Demand Meter 100% 100% 100% 100% 100% 100% 100% 100	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDI Program  2017 CDI Program  Residential Program  Residential Program  Process And System Event Initiative Appliance Retirement Indiative  HVAC Incentive Initiative Residential New Construction and Major Renovation Initiative  Commercial & Institutional Program  Energy Audi Initiative  Initiative  Construction and Major Renovation Initiative  Construction and Major Renovation Initiative  Existing Building Commissioning Incentive Initiative  Met Construction and Major Renovation Initiative  Existing Building Commissioning Incentive Initiative  Incentive Initiative  Process and Systems Upprades Initiatives - Project Incentive Initiative  Process and Systems Upprades Initiatives - Energy Manager Initiative  Colter  Conservation Fund Pilots Home Depart Program Save on Energy Nealing A Coding Program Save on Energy Nealing Province-Wild Program Save on Energy Nealing A Coding Program Save on Energy Nealing A Society Program Save on Energy Nealing Save Or Savers (Neith Program Save on Energy Neal Savers Upprades Initiative Program Save on Energy Nealing A Society Program Save on Energy Nealing A Society Program Save on Energy Nealing Program Save on Energy Neal Savers Upprades Initiative Program Save on Energy Nealing Program Save on Energy Nealing Program Save on Energy Neal Savers Upprades Initiative Program Save on Energy Nealing Program Save on Energy N	Residentia 100% 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	CS-50 km - Thermal - Therm	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  Conservation  Commercial Analysis  Lagacy Framework  Residential Program  Commercial & Institutional Program  Commercial & Institutional Program  Commercial & Institutional Program  Ensity Audit Institutional Program  Commercial & Institutional Program  Existing Sublema Upandes Initiative  Process and Systema Upandes Initiative  Fractional Upandes Initiative  Industrial Program  Low Income Program  Low Income Program  Low Income Program  Conservation Fund Plust  Commercial First Framework  Residential Province-Wide Programs Save on Ensery Net First Framework  Residential Province-Wide Program  Save on Ensery Nuel France  Non-Residential Program  Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Save on Ensery Nuel Fordarm  Non-Residential Program Save on Ensery Nuel Fordarm  Save on Enser	Residentia 100% 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	CS-50 kW - Thermal Demand Meter 100% 100% 100% 100% 100% 100% 100% 100	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Programs  Lassour Dranework  Residential Program  Couron Initiative  Process and Systems Uponde Initiative Existing Program Energy Audit Initiative Existing Building Commissionia Program Process and Systems Upondes Initiatives - Project Incentive Initiative Process and Systems Upondes Initiatives - Project Incentive Initiative Process and Systems Upondes Initiatives - Project Incentive Initiative Process and Systems Upondes Initiatives - Project Incentive Initiative Process and Systems Upondes Initiatives - Energy Manager Initiative Process and Systems Upondes Initiatives - Energy Manager Initiative Conter Conservation Fund Pilots Conservation Fund Pilots Conservation Fund Pilots Conservation Fund Pilot Program Save on Energy Couron Program Save on Energy Couron Program Save on Energy Audit Program Save on Energy Hone Assistance Program Save on Energy Hone Program Sav	Festdenitor 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	CS-50 km - Thermal - Therm	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%
Social Benchmarking Local Program  2017 CDM Programs  Lagacy Framework Residential Program  Lagacy Framework Residential Program  Processing States Event Initiative Appliance Retirement Initiative Appliance Retirement Initiative Appliance Retirement Initiative Residential New Construction and Major Renovation Initiative Residential New Construction and Major Renovation Initiative Ensergy Audit Initiative Ensergy Audit Initiative Existing Building Commissioning Incentive Initiative Incent Friderion: Comparison Initiative Process and Systems Upgrade Initiatives - Project Incentive Initiative Process and Systems Upgrade Initiatives - Initiative Icow Income Initiative Conter Conservation Fund Priots Home Depot Home Appliance Market Upitt Conservation Fund Pliot Program Save on Energy Vena Assistance Program Save on Energy Vena Assistance Program Save on Energy Netaring Science Program Save on Energy Netaring Science Program Save on Energy Netaring Program Save on Energy Netaring Science Program Save on Energy Netaring Science Program Save on Energy Netaring Science Program Save on Energy Netaring Program	Residentia 100% 100% 100% 100% 100% 100%	GS-50 KW 100% 100%	CS-50 km - Thermal - Therm	GS-50 HW - Intervisi Meter	Street Lighting	100% 100% 100% 100% 100% 100% 100% 100%

2011 CDM Programs	Residential	Rate GS<50 kW	Allocations GS>50 kW Thermal Demand Meter	GS>50 kW	Street Lighting Tota
Consumer Program Appliance Retirement	100%				100
Appliance Exchange	100%				100
HVAC Incentives	100%				100
Conservation Instant Coupon Booklet Bi-Annual Retailer Event	100%				100 <sup>4</sup> 100 <sup>4</sup>
	100%				100
Business Program					
Direct Install Lighting Demand Response 3		100% 100%			100 <sup>4</sup> 100 <sup>4</sup>
		10076			100
Industrial Program					
Retrofit		30%	65%	5%	100
Home Assistance Program					
Home Assistance Program	100%				100
Pre-2011 Programs completed in 2011					
Electricity Retrofit Incentive Program		50%	50%		100
High Performance New Construction			100%		100
		Rate	Allocations	for LRAMVA	
0040 ODH D			GS>50 kW	GS>50 kW -	
2012 CDM Programs	Residential	GS<50 kW	Thermal Demand	Interval	Street Lighting Tota
			Meter	Meter	
Consumer Program Appliance Retirement	100%				100
Appliance Exchange	100%				100
HVAC Incentives	100%				100
Conservation Instant Coupon Booklet Bi-Annual Retailer Event	100%				100 <sup>4</sup> 100 <sup>4</sup>
BI-Annual Retailer Event	100%				100
Business Program					
Direct Install Lighting		100%			100
Energy Audit Demand Response 3		100%	100%		100 <sup>4</sup> 100 <sup>4</sup>
Demand Response 5			100 /6		100
Industrial Program					
Retrofit		30%	65%	5%	100
Home Assistance Program Home Assistance Program	100%				100
	10070				
Pre-2011 Programs completed in 2011					100
High Performance New Construction			100%		100
2013 CDM Programs			GS>50 kW	GS>50 kW	
	Residential	GS<50 kW	Thermal Demand	Interval Meter	Street Lighting Tota
Consumer Program			Meter	meter	
Appliance Retirement	100%				100
Appliance Exchange HVAC Incentives	100%				100
HVAC Incentives Conservation Instant Coupon Booklet	100% 100%				100
Bi-Annual Retailer Event	100%				100
Business Program					100
Direct Install Lighting		1008/			
Direct Install Lighting New Construction		100% 100%			100
Direct Install Lighting New Construction Energy Audit		100% 100%			100 <sup>4</sup> 100 <sup>4</sup> 100 <sup>4</sup>
Direct Install Lighting New Construction		100%			100'
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program		100% 100% 100%			100 <sup>4</sup> 100 <sup>4</sup> 100 <sup>4</sup>
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager		100% 100% 100%	50%		100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrofit		100% 100% 100%	65%	5%	100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager		100% 100% 100%		5%	100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retroft Demand Response 3 Home Assistance Program		100% 100% 100%	65%	5%	100' 100' 100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrofit Demand Response 3	100%	100% 100% 100%	65%	5%	100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retroft Demand Response 3 Home Assistance Program	100%	100% 100% 100%	65%	5%	100' 100' 100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retroft Demand Response 3 Home Assistance Program	100%	100% 100% 100% 50% 30%	65% 100%		100' 100' 100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retroft Demand Response 3 Home Assistance Program	100%	100% 100% 100% 50% 30%	65% 100% Allocations	for LRAMVA	100' 100' 100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demmark Resource 3 Industrial Program Energy Manager Retroth Demmark Resource 3 Home Assistance Program Home Assistance Program		100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW -	for LRAMVA GS>50 kW -	1000 100 100 100 100 100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retroft Demand Response 3 Home Assistance Program	100% Residential	100% 100% 100% 50% 30%	65% 100% Allocations	for LRAMVA	100' 100' 100' 100' 100' 100' 100'
Direct Install Lighting New Construction Energy Audit Demmark Resonae 3 Industrial Program Energy Manaser Retrott Demmark Resonae 3 Home Assistance Program Home Assistance Program		100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	1000 100 100 100 100 100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Resonae 3 Industrial Program Energy Manager Reards Demand Resonae 3 Home Assistance Program 2014 CDM Programs Consumer Program	Residential	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 Street Lighting Totz
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrotit Demand Response 3 Home Assistance Program Home Assistance Program 2014 COM Programs Appliance Retrange	Residential	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 Street Lighting Tota 100 100 100
Direct Install Lighting New Construction Energy Audit Dommand Resources 3 Industrial Program Energy Manaser Reardit Demmand Response 3 Home Assistance Program Home Assistance Program 2014 CDM Programs Consumer Program Applance Retirement Applance Retirement PhyCol Incomption	Residential 100% 100% 100%	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 Street Lighting Tots 100 100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retroit Demand Response 3 Home Assistance Program Home Assistance Program 2014 CDM Programs Applicing Exchange HYAG Lincenthes Conservation Instal Coupon Booklet	Residential 100% 100% 100%	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 Street Lighting Tots 100 100 100 100 100 100
Direct Install Lighting New Construction Energy Audit Dommand Resources 3 Industrial Program Energy Manaser Reardit Demmand Response 3 Home Assistance Program Home Assistance Program 2014 CDM Programs Consumer Program Applance Retirement Applance Retirement PhyCol Incomption	Residential 100% 100% 100%	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 Street Lighting Tots 100 100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrotit Demand Response 3 Home Assistance Program Home Assistance Program Applicate Exchange HVAC DM Program Applicate Exchange HVAC Incentives Conservation Instant Courson Booklet Domesvation Instant Courson Booklet Domesvation Instant Courson Booklet Desidential Demand Response	Residential 100% 100% 100% 100%	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 5treet Lighting Tota 100 100 100 100 100 100
Direct Install Lighting New Construction Energy Audit Demand Resource 3 Industrial Program Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program 2014 COM Programs Consumer Program Appliance Exchange HVAC Incentive Support	Residential 100% 100% 100% 100%	100% 100% 50% 30% Rate	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	1000 1001 1001 1001 1001 1001 1001 100
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrotit Demand Response 3 Home Assistance Program Home Assistance Program Applicate Exchange HVAC DM Program Applicate Exchange HVAC Incentives Conservation Instant Courson Booklet Domesvation Instant Courson Booklet Domesvation Instant Courson Booklet Desidential Demand Response	Residential 100% 100% 100% 100%	100% 100% 100% 50% 30%	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 100 100 100 100 100 100 100 5treet Lighting Tota 100 100 100 100 100 100
Direct Install Liphing New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrotit Demand Response 3 Home Assistance Program Home Assistance Program Applicate Exchange HVAC Incentives Conservation Instant Coupon Booklet Bi-Annual Retainer Event Bi-Annual Retainer Event Bi-Annual Retainer Event Direct Install Liphing	Residential 100% 100% 100% 100%	100% 100% 100% 50% 30% Rate GS<50 kW	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 107 107 100 100 100 100 100 Street Lighting 100 100 100 100 100 100 100 100 100 10
Direct Install Lighting New Construction Energy Audit Demand Resonaes 3 Industrial Program Energy Manager Reards Demand Resonaes 3 Home Assistance Program Home Assistance Program 2014 COM Programs Appliance Exchange HVAC Incentive Sources Consumer Program Appliance Exchange HVAC Incentive Event Readential Demand Response Business Program Direct Install Lighting Demand Response 3	Residential 100% 100% 100% 100%	100% 100% 100% 50% 30% Rate GS<50 kW	65% 100% Allocations GS>50 kW	for LRAMVA GS>50 kW - Interval	100 100 107 107 100 100 100 100 100 Street Lighting 100 100 100 100 100 100 100 100 100 10
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrotit Demand Response 3 Home Assistance Program Home Assistance Program Applicate Exchange HVAC Incentives Development Response Business Program Direct Install Lighting Demand Response 3 Industrial Program	Residential 100% 100% 100% 100%	100% 100% 100% 50% 30% Rate GS<50 kW	65% 100% Allocations GSS-50 kW Thermal Demand Meter	for LRAMVA GS>50 kW Interval Meter	100 100 100 100 100 100 100 100 5treet Liphing 100 100 100 100 100 100 100 100 100 10
Direct Install Lighting New Construction Energy Audit Demand Resconse 3 Industrial Program Energy Manaeer Reards Demand Resconse 3 Home Assistance Program Home Assistance Program 2014 CDM Programs Zostaument Program Appliance Exchange HVAC Incentives Consensation Instant Cuopon Booklet Bi-Annual Reationet Appliance Exchange HVAC Incentives	Residential 100% 100% 100% 100%	100% 100% 50% 30% GS-50 kW 100%	65% 100% Allocations GS>50 kW Thermal Demand Meter	for LRAMVA GS-50 kW Interval Meter	100 100 100 100 100 100 100 100 100 5treet Lighting 100 100 100 100 100 100 100 100 100 10
Direct Install Lighting New Construction Energy Audit Demand Response 3 Industrial Program Energy Manager Retrotit Demand Response 3 Home Assistance Program Home Assistance Program Applicate Exchange HVAC Incentives Development Response Business Program Direct Install Lighting Demand Response 3 Industrial Program	Residential 100% 100% 100% 100%	100% 100% 100% 50% 30% Rate GS<50 kW	65% 100% Allocations GSS-50 kW Thermal Demand Meter	for LRAMVA GS>50 kW Interval Meter	100 100 100 100 100 100 100 100 5treet Liphing 100 100 100 100 100 100 100 100 100 10

100%

33% 33% 33%

ome Assistance Program ome Assistance Program

Other Time of Use Savings

Ontario Energy Boar	LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form	rsion 3.0 (2019)
Legend	User Inputs (Green)	
	Auto Populated Cells (White) Instructions (Grey)	
Instructions	<ol> <li>LDCs can apply for disposition of LRAWA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAWA work forms apply to LDCs that need to recover lost revenues from the 2 Please input or manually link the savings, adjustments and program savings persistence data is available upon request for Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.</li> </ol>	
	<ol> <li>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 programs that were reported by the IESO in 2013 should be included in the 2012 programs that were reported by the IESO in 2013 should be included in the 2012 programs that were reported by the IESO in 2013 should be included in the 2012 programs that were reported by the IESO in 2013 should be included in the 2012 programs that were reported by the IESO in 2013 should be included in the 2012 programs that were reported by the IESO in 2013 should be included in the 2012 programs that were made available to the LDC after the LRAMVA was approved, the savings requires a savings adjustments in the future can be daimed as approved LRAMVA amounts are considered to be final.</li> <li>The work forms behaviority the monthy multiplicar programs in order to right means the savings more providing the program with the provide the ABA officy related to near the provide the approximation of the program in order to right means the savings more providing the provide the approximation of the provide the approximating the provide the approximation of the provide the approxima</li></ol>	he persistence of

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 included and in Ta - 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 LRAINA 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.

Table 4-a. 2011 Lost Revenues Table 4-b. 2012 Lost Revenues Table 4-c. 2013 Lost Revenues Table 4-d. 2014 Lost Revenues

Tables

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Table 4-a. 2011 Lost Revenues Work Form		Net Energy Savings (kWh)	Net	nergy Savings Pers	istence (kWh)		Net Demand	Net Peak Dema	and Savings Persistence (kW)				R	ate Allocations for LRAMVA			
Program	Results Status					Monthly Multiplie	Savings (kW)				GS	-50 kW - GS>50 kW -					Total
Consumer Program		2011 2012	2013 2014	2015 2016	2017 2018 2019	2020	2011	2012 2013 2014 20	115 2016 2017 2018 2019 2020	kWh	GS<50 kW Therr	al Demand Meter kW kW	Street Lighting	0 0 0	0 0 0	0 0	Total
Appliance Retirement     Adjustment to 2011 savings	Current year savings Adjustment				0				0	100%		.00% 0.00%	0.00%	0.00% 0.00% 0.00%		0.00% 0.00%	100% 0.00%
2 Appliance Exchange Adjustment to 2011 savings	Current year savings Adjustment				0				0	100% 100.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	100%
3 HVAC Incentives Adjustment to 2011 savings	Current year savings Adjustment	-			470,202 -88,548				256	100% 100.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2011 savings	Current year savings Adjustment				80,288				6	100%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	100% 0.00%
Bi-Annual Retailer Event Adjustment to 2011 savings	Current year savings Adjustment				120,013				8	100%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	100%
6 Retailer Co-op Adjustment to 2011 savings	Current year savings Adjustment				0				0	0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0%
Z Residential Demand Response Adjustment to 2011 savings	Current year savings Adjustment									0.00%		.00% 0.00%	0.00%	0.00% 0.00% 0.00%			0%
8 Residential Demand Response (IHD) Adjustment to 2011 savings	Current year savings Adjustment									0.00%		.00% 0.00%	0.00%		0.00% 0.00% 0.00%		0%
<u>9</u> Residential New Construction     Adjustment to 2011 savings	Current year savings									0.00%		.00% 0.00%	0.00%		0.00% 0.00% 0.00%		0%
Business Program	Adjustment									0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
10 Retrofit Adjustment to 2011 savings	Current year savings Adjustment					0				0.00%		.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
11 Direct Install Lighting Adjustment to 2011 savings	Current year savings Adjustment				87,819 608	12			0	0.00%	100% 100.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
12 Building Commissioning Adjustment to 2011 savings	Current year savings Adjustment					3				0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0% 0.00%
13 New Construction Adjustment to 2011 savings	Current year savings Adjustment					12 12				0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0% 0.00%
14 Energy Audit Adjustment to 2011 savings	Current year savings Adjustment					12				0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	<b>0%</b>
15 Small Commercial Demand Response Adjustment to 2011 savings	Current year savings Adjustment									0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	<b>0%</b>
16 Small Commercial Demand Response (IHD) Adjustment to 2011 savings	Current year savings Adjustment									0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	<b>0%</b>
17 Demand Response 3 Adjustment to 2011 savings	Current year savings Adjustment									0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0%
Industrial Program 18 Process & System Upgrades	Current year savings					12				]							0%
Adjustment to 2011 savings	Adjustment Current year savings					12				0.00%		0.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0.00%
Adjustment to 2011 savings 20 Energy Manager	Adjustment Current year savings					12				0.00%	0.00%	0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0.00%
Adjustment to 2011 savings	Adjustment Current vear savings				1 738 390	12			296	0.00%		.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0.00%
Adjustment to 2011 savings 22 Demand Response 3	Adjustment Current year savings					12				0.00%		5.00% 5.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
Adjustment to 2011 savings	Adjustment									0.00%	0.00%	0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
23 Home Assistance Program Adjustment to 2011 savings	Current year savings Adjustment				1,064				0	100% 100.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	100% 0.00%
Aboriginal Program 24 Home Assistance Program	Current year savings									]							0%
Adjustment to 2011 savings 25. Direct Install Lighting	Adjustment Current year savings									0.00%		0.00% 0.00%	0.00%		0.00% 0.00% 0.00%		0.00%
Adjustment to 2011 savings Pre-2011 Programs completed in 2011	Adjustment									0.00%		0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
26 Electricity Retrofit Incentive Program Adjustment to 2011 savings	Current year savings Adjustment				455,514	12			78	0.00%	50.00%	0.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	
27 High Performance New Construction Adjustment to 2011 savings	Current year savings Adjustment				151,315 127,967	12 12			29 29	0.00%	0.00% 1	0.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	100% 0.00%
28 Toronto Comprehensive Adjustment to 2011 savings	Current year savings Adjustment					0				0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	<b>0%</b> 0.00%
29 Multifamily Energy Efficiency Rebates Adjustment to 2011 savings	Current year savings Adjustment					0				0.00%	0.00%	.00% 0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	<b>0%</b> 0.00%
30 LDC Custom Programs Adjustment to 2011 savings	Current year savings Adjustment					0				0.00%	0.00%	0.00%	0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00%	0%
Other 31 Program Enabled Savings	Current year savings					0				]							0%

	Adjustment to 2011 savings	Adjustment									0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
3	12 Time of Use Savings Adjustment to 2011 savings	Current year savings Adjustment									0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
2	33 LDC Pilots Adjustment to 2011 savings	Current year savings Adjustment									0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
	Actual CDM Savings in 2011 Forecast CDM Savings in 2011		0	0	0	0 0	0	3,152,729	0 0	0		0	0 0	0 0 0	684 0 0	0 0	0	0	0	0	0	0	0	0	0	0				
	Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011															\$0.014 \$0.00 \$0.00	\$0.00	\$4.58000 \$0.00 \$0.00	\$4.70810 \$0.00 \$0.00	\$15.20850 \$0.00 \$0.00	\$0.0000 <b>\$0.00</b> <b>\$0.00</b>		\$0.00000 \$0.00 \$0.00	\$0.00000 \$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
	2011 Savings Persisting in 2012 2011 Savings Persisting a 2013 2011 Savings Persisting a 2014 2011 Savings Persisting a 2014 2011 Savings Persisting a 2016 2011 Savings Persisting a 2016 2011 Savings Persisting a 2018 2011 Savings Persisting a 2018															0 0 0 591,11 0 0	0 0 0 5 837,701 0 0 0	0 0 0 3,484 0 0 0	0 0 0 178 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	

Table 4-b. 2012 Lost Revenues Work Form		Return to top Net Energy Savings (kWh)		Net Ene	gy Savings Persistence (kW	h)		Net I	Demand N	et Peak Demand Savings Pe	rsistence (kW)				Ra	te Allocations for LRAM	/A			
Program	Results Status	Savings (kWh) 2012	2013 2014	2015 201		2019 202	0 2021	Monthly Multiplier	ings (KW)	14 2015 2016 2017 201		Residential	GS>50 GS<50 kW Thermal D	GS>50 kW -	Street				т	Total
Consumer Program		2012	2013 2014	2013 201	2017 2018	2019 202	0 2021		2012 2013 20	14 2013 2010 2017 201	2019 2020 2021	kWh	kWh kW	Interval Meter kW	Lighting	0 0	0 0 0	0 0	0 0	
1 Appliance Retirement Adjustment to 2012 savings	Current year savings Adjustment				0					0		100% 100.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		100%
2 Appliance Exchange Adjustment to 2012 savings	Current year savings Adjustment				0					0		100% 100.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0		100%
3 HVAC Incentives Adjustment to 2012 savings	Current year savings Adjustment				329,402 7,901					196		100% 100.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	1 .00% 0.00%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2012 savings	Current year savings Adjustment				9,098					2		100% 100.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		100%
5 Bi-Annual Retailer Event Adjustment to 2012 savings	Current year savings Adjustment				129,332					8		100% 100.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	100%
6 Retailer Co-op Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
7 Residential Demand Response Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
8 Residential Demand Response (IHD) Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
Residential New Construction     Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
Business Program 10 Retrofit	Current year savings							12												0%
Adjustment to 2012 savings	Adjustment							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%	
11 Direct Install Lighting Adjustment to 2012 savings	Current year savings Adjustment				205,740			12 12		51		0.00%	100% 100.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	100%
12 Building Commissioning Adjustment to 2012 savings	Current year savings Adjustment							3 3				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
13 New Construction Adjustment to 2012 savings	Current year savings Adjustment							12 12				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		0%
14 Energy Audit Adjustment to 2012 savings	Current year savings Adjustment				1,772			12 12		0		0.00%	100.00% 100.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		100%
15 Small Commercial Demand Response Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		0%
16 Small Commercial Demand Response (IHD) Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		0%
17 Demand Response 3 Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
Industrial Program 18 Process & System Upgrades	Current year savings							12												0%
Adjustment to 2012 savings	Adjustment Current year savings							12				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0.00% 0.00% 0.00%	0.00% 0.00% 0		0%
Adjustment to 2012 savings 20 Energy Manager	Adjustment							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%
Adjustment to 2012 savings	Adjustment				1.994.395			12		270		0.00%	0.00% 0.00		0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	100%
Adjustment to 2012 savings	Adjustment				450,508			12		43		0.00%	30.00% 65.0		0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	
22 Demand Response 3 Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
Home Assistance Program 23 Home Assistance Program Adjustment to 2012 savings	Current year savings Adjustment				50,223					5		100% 100.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	1 .00% 0.00%	100%
Aboriginal Program 24 Home Assistance Program Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
25 Direct Install Lighting Adjustment to 2012 savings	Current year savings Adjustment											0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2012 savings	Current year savings Adjustment							12 12				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
27 High Performance New Construction Adjustment to 2012 savings	Current year savings Adjustment				723			12 12		1		0.00%	100.0 0.00% 100.0	0% 0% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0		100%
28 Toronto Comprehensive Adjustment to 2012 savings	Current year savings Adjustment							0				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	00% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Current year savings Adjustment							0				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
30 LDC Custom Programs Adjustment to 2012 savings	Current year savings Adjustment							0				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%
Other 31 Program Enabled Savings Adjustment to 2012 savings	Current year savings Adjustment							0				0.00%	0.00% 0.00	% 0.00%	0.00%	0.00% 0.00% 0.	0% 0.00% 0.00%	0.00% 0.00% 0	.00% 0.00%	0%

Time of Use Savings	Current year savings										0																			0%
Adjustment to 2012 savings	Adjustment										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00% 0.0	0.0% 0.00	0.00%	, 0.00%	0.00%	
DC Pilots	Current year savings										0																			0%
Adjustment to 2012 savings	Adjustment										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00% 0.0	0.0% 0.00	.0% 0.00%	6 0.00%	0.00%	
ctual CDM Savings in 2012		0	0	0	0	0 3	,179,095	0 0	0	0		0	0 0	0 0 678	0 0	0 0	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	
orecast CDM Savings in 2012																	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	
istribution Rate in 2012																	\$0.01430	\$0.01910	\$4,58000	\$4,70810	\$15 20850	\$0.00000.5	0 00000 S	0 00000 \$0	00000 \$0.0	10000 <b>\$</b> 0.00	0000 \$0.0000	ao so oooor	\$0.00000	
ast Revenue in 2012 from 2011 programs																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		.00 \$0.			\$0.00	\$0.00
ost Revenue in 2012 from 2012 programs																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	.00 \$0.	0.00 \$0.00	\$0.00	\$0.00	\$0.00
otal Lost Revenues in 2012																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			.00 \$0.00		\$0.00	\$0.00
orecast Lost Revenues in 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	\$0.00	\$0.00	\$0.00
RAMVA in 2012																														\$0.00
012 Savings Persisting in 2013																	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	
012 Savings Persisting in 2014 012 Savings Persisting in 2015																	0	0	0	0	0	0	0	0	0	o 0	0 G	0	0	
012 Savings Persisting in 2015																	0	0	0	0	0	0	0	0	0	0 0	J 0	0	0	
012 Savings Persisting in 2016																	0	0	0	0	0	0	0	0	0	o 0	0 G	0	0	
2012 Savings Persisting in 2016 2012 Savings Persisting in 2017																	525,957	940,983	3,225	247	0	0	0	0	0	0 0	J 0	0	0	
012 Savings Persisting in 2018																	0	0	0	0	0	0	0	0	0	0 0	ა ი	0	0	
012 Savings Persisting in 2019																	0	0	0	0	0	0	0	0	0	o a	J 0	0	0	
012 Savings Persisting in 2020																	0	0	0	0	0	0	0	0	0	0 0	0 U	0	0	

Table 4-c. 2013 Lost Revenues Work Form		Return to top Net Energy Savings (kWh)		Net Energy Savings	s Persistence (kWh)		Net Demand	Net Peak Demand	Savings Persistence (kW)				Ra	e Allocations for LRAMVA		
Program	Results Status	Savings (kWh) 2013 2014	2015 2016	2017 20		021 2022 Month Multipl	Savings (kW) lier 2013	2014 2015 2016 2017	2018 2019 2020 2021 2022	Residential	GS<50 kW Therma M	0 kW - Demand Interval Meter	Street Lighting			Total
Consumer Program Appliance Retirement Adjustment to 2013 savings	Current year savings Adjustment			24,797				4		kWh 100% 100.00%	kWh k	V kW 0% 0.00%	kW 0.00%	0 0 0 0 0.00% 0.00% 0.00% 0.00% 0.	0 0 0 0 0 00% 0.00% 0.00% 0.00%	0 100% 0.00%
2 Appliance Exchange Adjustment to 2013 savings	Current year savings Adjustment			0				0		100% 100.00%	0.00% 0.	0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
3 HVAC Incentives Adjustment to 2013 savings	Current year savings Adjustment			285,796 22,022				167		100% 100.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
Adjustment to 2013 savings	Current year savings Adjustment			41,478 128				3		100% 100.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
5 Bi-Annual Retailer Event Adjustment to 2013 savings	Current year savings Adjustment			83,322				6		100% 100.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
<u>6</u> Retailer Co-op Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0%
z Residential Demand Response Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	<b>0%</b> 0.00%
8 Residential Demand Response (IHD) Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0% 0.00%
g Residential New Construction Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0% 0.00%
Business Program <u>10</u> Retrofit Adjustment to 2013 savings	Current year savings Adjustment					12				0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0%
11 Direct Install Lighting Adjustment to 2013 savings	Current year savings Adjustment			115,917		12		33		0.00%	100% 100.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
12 Building Commissioning Adjustment to 2013 savings	Current year savings Adjustment					3				0.00%	0.00% 0.		0.00%	0.00% 0.00% 0.00% 0.00% 0.		0%
13 New Construction Adjustment to 2013 savings	Current year savings Adjustment			13,635		12		5		0.00%	100% 100.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
14 Energy Audit Adjustment to 2013 savings	Current year savings Adjustment			0		12		0		0.00%	100% 100.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
15 Small Commercial Demand Response Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0%
16 Small Commercial Demand Response (IHD) Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0% 0.00%
<u>17</u> Demand Response 3 Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0% 0.00%
Industrial Program 18 Process & System Upgrades	Current year savings					12				1						0%
Adjustment to 2013 savings	Adjustment Current year savings					12				0.00%	0.00% 0.		0.00%		00% 0.00% 0.00% 0.00%	0%
Adjustment to 2013 savings 20 Energy Manager	Adjustment Current year savings			0		12		0		0.00%	50.00% 50	0% 0.00%	0.00%		00% 0.00% 0.00% 0.00%	100%
Adjustment to 2013 savings	Adjustment Current year savings			141,300 1,411,702 182,875		12		282		0.00%		0% 5.00%	0.00%			100%
Adjustment to 2013 savings	Adjustment Current year savings			182,875		12		36		1	100	00%			00% 0.00% 0.00% 0.00%	100%
Adjustment to 2013 savings Home Assistance Program	Adjustment			422.400						0.00%	0.00% 100	0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	
23 Home Assistance Program Adjustment to 2013 savings	Current year savings Adjustment			132,466 516				25		100% 100.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	100% 0.00%
Aboriginal Program 24 Home Assistance Program Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0% 0.00%
25 Direct Install Lighting Adjustment to 2013 savings	Current year savings Adjustment									0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0% 0.00%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2013 savings	Current year savings Adjustment					12				0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	0%
27 High Performance New Construction Adjustment to 2013 savings	Current year savings Adjustment					12				0.00%	0.00% 0.		0.00%	0.00% 0.00% 0.00% 0.00% 0.		0%
28 Toronto Comprehensive Adjustment to 2013 savings	Current year savings Adjustment					0				0.00%	0.00% 0.		0.00%	0.00% 0.00% 0.00% 0.00% 0.		0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Current year savings Adjustment					0				0.00%	0.00% 0.		0.00%	0.00% 0.00% 0.00% 0.00% 0.		0%
30 LDC Custom Programs Adjustment to 2013 savings	Current year savings Adjustment					0				0.00%	0.00% 0.		0.00%		00% 0.00% 0.00% 0.00%	0%
Other 31 Program Enabled Savings	Current year savings															0%
Adjustment to 2013 savings	Adjustment					0				0.00%	0.00% 0.	0% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.	00% 0.00% 0.00% 0.00%	

Time of Use Savings Adjustment to 2013 savings	Current year savings Adjustment										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.0	0% 0.00	0.009	6 0.00%	0.00%	0.00%	0%
LDC Pilots Adjustment to 2013 savings	Current year savings Adjustment										0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.0	0% 0.00	1% 0.009	6 0.00%	0.00%	0.00%	0%
	, againtern										0						0.00%	0.0070	0.00%	0.00%	0.0070	0.00%	0.0070 0	0.0070 0.0	0.00	0.007	0.0070	0.00%	0.0070	
Actual CDM Savings in 2013		0	0	0	0	2,455,954	0	0 0	0	0		0	0	0 584	0 0	0 0 0	0	0	0	0	0	0	0	0 0	0 0			0	0	
Forecast CDM Savings in 2013																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	
Distribution Rate in 2013 Lost Revenue in 2013 form 2011 programs Lost Revenue in 2013 form 2012 programs Lost Revenue in 2013 form 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013																	\$0.01420 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$4.72450 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$ \$0.00 \$ \$0.00 \$ \$0.00 \$	\$0.00 \$0. \$0.00 \$0.	.00 \$0.0 .00 \$0.0 .00 \$0.0 .00 \$0.0	00 \$0.00 00 \$0.00 00 \$0.00 00 <b>\$0.00</b>	0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2013 Savings Persisting in 2014																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	
2013 Savings Persisting in 2015																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	
2013 Savings Persisting in 2016																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	
2013 Savings Persisting in 2017																	590,525	678,575	2,549	191	0	0	0	0 0	) 0	0	0	0	0	
2013 Savings Persisting in 2018																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	
2013 Savings Persisting in 2019																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	
2013 Savings Persisting in 2020																	0	0	0	0	0	0	0	0 0	) 0	0	0	0	0	

Table 4-d. 2014 Lost Revenues Work Form		Return to Top Net Energy Savings (kWh)			Net Energy	Savings Persistence (	kWb)		Net Demand Savings (kW)	Net Peak Den	nand Savings Persistence (kW)				P	ate Allocations for LRAMVA			
Program	Results Status							Mor	inlier			123 Recidential	GS<50 kW T	GS>50 kW - GS>50 kW -	Street				Total
Consumer Program		2014	2015	2016 2017	2018	2019 2020	2021 2022	2023	2014	2015 2016 2017 2	2018 2019 2020 2021 2022 20	kWh	GS<50 kW T	Meter KW KW KW	Lighting	0 0 0	0 0	0 0 0	Total
1 Appliance Retirement Adjustment to 2014 savings	Current year savings Adjustment			42,40	10					6		100% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	100% 0.00%
2 Appliance Exchange Adjustment to 2014 savings	Current year savings Adjustment			12,15	02					7		100% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	<b>100%</b>
3 HVAC Incentives Adjustment to 2014 savings	Current year savings Adjustment			389,3	84					210		100% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2014 savings	Current year savings Adjustment			167,0	30					13		100% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	100% 0.00%
5 Bi-Annual Retailer Event Adjustment to 2014 savings	Current year savings Adjustment			648,2	95					43		100% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	100% 0.00%
<u>6</u> Retailer Co-op Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
7 Residential Demand Response Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
8 Residential Demand Response (IHD) Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
9 Residential New Construction Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
Business Program 10 Retrofit	Current year savings				_							_							0%
Adjustment to 2014 savings	Adjustment Current vear savings			27.51	3				0	8		0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0.00%
Adjustment to 2014 savings	Adjustment			27,01					2			0.00%	100.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0.00%
12 Building Commissioning Adjustment to 2014 savings	Current year savings Adjustment								3			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	
13 New Construction Adjustment to 2014 savings	Current year savings Adjustment							1	2			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	
14 Energy Audit Adjustment to 2014 savings	Current year savings Adjustment							1	2			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
15 Small Commercial Demand Response Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
16 Small Commercial Demand Response (IHD) Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	<b>0%</b> 0.00%
17 Demand Response 3 Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	<b>0%</b> 0.00%
Industrial Program 18 Process & System Upgrades Adjustment to 2014 savings	Current year savings Adjustment				_				2			0.00%	0.00%	0.00% 0.00%	0.00%			.00% 0.00% 0.00%	0%
19 Monitoring & Targeting	Current year savings								2			_							0%
Adjustment to 2014 savings	Adjustment Current year savings			92,80	07				2	0		0.00%	0.00%	0.00% 0.00%	0.00%			.00% 0.00% 0.00%	100%
Adjustment to 2014 savings 21 Retrofit	Adjustment Current year savings			1 765 1	270				2	222		0.00%	0.00%	95.00% 5.00% 65.00% 5.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0.00%
Adjustment to 2014 savings	Adjustment			1,703,4	510				2	322		0.00%	30.00%	65.00% 5.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0.00%
22 Demand Response 3 Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0%
Home Assistance Program 23 Home Assistance Program Adjustment to 2014 savings	Current year savings Adjustment			29,35	13					3		100% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	100%
Aboriginal Program 24 Home Assistance Program	Current year savings				-							_							0%
Adjustment to 2014 savings 25 Direct Install Lighting	Adjustment Current year savings											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0.00%
Adjustment to 2014 savings	Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Current year savings Adjustment							1	2			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	<b>0%</b> 0.00%
27 High Performance New Construction Adjustment to 2014 savings	Current year savings Adjustment								2			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0%
28 Toronto Comprehensive Adjustment to 2014 savings	Current year savings Adjustment											0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Current year savings Adjustment								0			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	0%
30 LDC Custom Programs Adjustment to 2014 savings	Current year savings Adjustment								0			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% C	.00% 0.00% 0.00%	<b>0%</b>
Other 31 Program Enabled Savings	Current year savings								0										0%
Adjustment to 2014 savings	Adjustment								D			0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00% 0.00	% 0.00% 0.00% 0	.00% 0.00% 0.00%	0.00%

Time of Use Savings Adjustment to 2014 savings	Current year savings Adjustment				0							0			0			33.33% 33.33%	33.33% 33.33%	33.33% 33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% (	0.00% 0.0	0.00%	100%
LDC Pilots	Current year savings											0																			0%
Adjustment to 2014 savings	Adjustment											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0.00%	%
Actual CDM Savings in 2014		0	0	0	3,174,884	0	0	0	0	0	0		0	0 0	612	0 0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0		0 0	
Forecast CDM Savings in 2014																		0	0	0	0	0	0	0	0	0	0	0	0	0 0	
Distribution Rate in 2014																		\$0.01430	\$0.01930	\$4.62450	\$4.75450	\$15.26930	\$0.00000	\$0.00000	\$0.00000	\$0.00000 :	\$0.00000 \$	0.00000 \$0	0.00000 \$0.0	00000 \$0.000	00
Lost Revenue in 2014 from 2011 programs																		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	0.00 \$0.00	\$0.00
Lost Revenue in 2014 from 2012 programs																		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	0.00 \$0.00	\$0.00
Lost Revenue in 2014 from 2013 programs																		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	0.00 \$0.00	\$0.00
Lost Revenue in 2014 from 2014 programs																		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	0.00 \$0.00	\$0.00
Total Lost Revenues in 2014																		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	0.00 \$0.00	\$0.00
Forecast Lost Revenues in 2014																		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0	.00 \$0.00	\$0.00
LRAMVA in 2014																															\$0.00
2014 Savings Persisting in 2015																		0	0	0	0	0	0	0	0	0	0	0	0	0 0	
2014 Savings Persisting in 2016																		0	0	0	0	0	0	0	0	0	0	0	0	0 0	
2014 Savings Persisting in 2017																		1,288,693	557.274	2.515	193	0	0	0	0	0	0	0	0	0 0	
2014 Savings Persisting in 2018																		.,200,000	0	0	0	0	0	ő	0	õ	0	0	0	0 0	
2014 Savings Persisting in 2019																		0	0	0	0	0	0	0	0	0	0	0	0	0 0	
2014 Savings Persisting in 2020																								-	~	-	-	-	-		

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Ontario Energy Board	LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form
Legend	User Inputs (Green) Auto Populated Cells (White) Instructions (Grey)
Instructions	<ol> <li>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 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 3. The work forms below include the monthy multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthy multipliers indicated in the OEB's updated LRAM policy related asvings to allocation percentages for most or allocate acids allocations percentages for advictation percentage for advictation percentage for advictation is savings adjustments. If a different allocation is proposed for savings is 5. The periestence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to object calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in</li> </ol>
Tables	Table 5-a. 2015 Lost Revenues         Table 5-1. 2015 Lost Revenues         Table 5-4. 2015 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form		Net Energy Savings				 			Net De	emand									
Program	Results Status	(kWh) 2015	2016 2		Energy Savings P 019 2020	2022	2023	2024	Monthly Saving Multiplier 20	s (kW)		2020 2021	e (kW) 2022 2023	2024 Resider	tial GS<50 k	GS>50 kW - Therr	Allocations for LRAMVA GS>50 kW - Interval Me	er Street Lighting	Total
Legacy Framework Residential Program												الأخذا الخذذ		kWł	kWh	Demand Meter kW	kW	kW	
1 Coupon Initiative Adjustment to 2015 savings	Current year savings Adjustment			6,959 ,422							14 0			100.0		0.00%	0.00%	0.00%	100%
2 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Current year savings Adjustment			3,181 ,429							42 0			100.0		0.00%	0.00%	0.00%	100%
3 Appliance Retirement Initiative Adjustment to 2015 savings	Current year savings Adjustment			3,525 0							3			100.0		0.00%	0.00%	0.00%	100%
4 HVAC Incentives Initiative Adjustment to 2015 savings	Current year savings Adjustment			0,464 5,483							237 9			100.0		0.00%	0.00%	0.00%	100%
Residential New Construction and Major Renovation Initiative Adjustment to 2015 savings	Current year savings Adjustment			0 0							0			100.00	% 6 0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program <u>6</u> Energy Audit Initiative	Current year savings		43	7,557					12		93					100.00%			100%
Adjustment to 2015 savings	Adjustment			9,444					12		6			0.00		100.00%	0.00%	0.00%	
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2015 savings	Current year savings Adjustment			65,867 7,642					12 12		587 60			0.00		47.60% 47.60%	0.00%	32.00% 32.00%	100%
Direct Install Lighting and Water Heating Initiative     Adjustment to 2015 savings	Current year savings Adjustment		32	6,075 0,041					12		69 -2			0.00	100% 5 100.00%	0.00%	0.00%	0.00%	100%
9 New Construction and Major Renovation Initiative Adjustment to 2015 savings	Current year savings Adjustment		34	4,950 0					12 12		7			0.00	6 0.00%	100.00% 100.00%	0.00%	0.00%	100%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings	Current year savings Adjustment			0 0					12 12		0			0.00	6 0.00%	100.00% 100.00%	0.00%	0.00%	100%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings	Current year savings Adjustment			0 0 0 0					12 12		0			0.00	6 0.00%	100.00% 100.00%	0.00%	0.00%	100%
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2015 savings	Current year savings Adjustment			0 0					12 12		0			0.00	6 0.00%	100.00% 100.00%	0.00%	0.00%	100%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2015 savings	Current year savings Adjustment		21	0					12 12		6			0.00	6 0.00%	100.00% 100.00%	0.00%	0.00%	100%
Low Income Initiative	Current year savings		85	5,116					12		8			100.0					100%
Adjustment to 2015 savings	Adjustment			0					12		0			100.0	% 0.00%	0.00%	0.00%	0.00%	ļ
15 Aboriginal Conservation Program Adjustment to 2015 savings	Current year savings Adjustment			0					12 12		0			0.00	6 0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2015 savings	Current year savings Adjustment			0					12 12		0			0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 12 Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Current year savings Adjustment								0					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2015 savings	Current year savings Adjustment								0					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	Current year savings Adjustment								0					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2015 savings	Current year savings Adjustment								0					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs																			
11 Save on Energy Coupon Program     Adjustment to 2015 savings	Current year savings Adjustment		15	4,373 3,781							10 4			100.0		0.00%	0.00%	0.00%	100%
22 Save on Energy Heating & Cooling Program Adjustment to 2015 savings	Current year savings Adjustment			3,511 ,838							27			100.0		0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program Adjustment to 2015 savings	Current year savings Adjustment			0 0							0			0.00	6 0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program Adjustment to 2015 savings	Current year savings Adjustment			0 0							0			0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2015 savings	Current year savings Adjustment								12 12					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program	Current year savings			0					12		0				30.00%	65.00%	5.00%		100%

Adjustment to 2015 savings	Adjustment		112,828				12	21			0.00%	30.00%	65.00%	5.00%	0.00%	1
27 Save on Energy Small Business Lighting Program Adjustment to 2015 savings	Current year savings Adjustment		0				12 12	0			0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy High Performance New Construction Program Adjustment to 2015 savings	Current year savings Adjustment		0				12 12	0			0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Current year savings Adjustment		0				12 12	0			0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	Current year savings Adjustment		0				12 12	0			0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2015 savings	Current year savings Adjustment		0				12 12	0			0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2015 savings	Current year savings Adjustment		0				12 12	0			0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs ac Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program -	Current year savings						0									09/
3E Terrersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2015 savings	Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2015 savings	Current year savings Adjustment						0 0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Current year savings						0									0%
Adjustment to 2015 savings	Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2015 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
44 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Current year savings						0									0%
Adjustment to 2015 savings	Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls     Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
4Z Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)     Adjustment to 2015 savings	Current year savings Adjustment						0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		0	0 9,776,166	0 0 0	0 0 0	0	0	0 1,205 0 0	0 0	0 0 0	0	0	0	0	0	
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2014 programs Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 Every Lost Revenues in 2015 LaRAMVA in 2015 2015 Savings Persisting in 2016											\$0.01440 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.01940 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$4.64540 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$4.77600 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$15.33770 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>
2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019											1,680,082 0 0	1,807,158 0 0	5,203 0 0	13 0 0	2,484 0 0	

2015 Savings Persisting in 2020 Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form		Return to top Not Energy Savings	t Energy Savings Persistence (kWh)	Net Demand	Net Peak Demand Savings Persistence (kW)		Rate Allocations for LRAMVA	
Program	Results Status	(KIII)	1020         2021         2022         2023         2024	2025 Monthly Savings (kW) Multiplier 2016	2017         2018         2019         2020         2021         2022         2023         2024         2024	5 Residential GS<50 kW GS	>50 kW - Thermal GS>50 kW - Interval Meter	Street Lighting Total
Legacy Framework Residential Program						kWh kWh	kW kW	kW
1 Coupon Initiative Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0			0 0	100.00% 100.00% 0.00%	0.00% 0.00%	100% 0.00%
2 Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Current year savings Adjustment	0			0 0	100.00% 100.00% 0.00%	0.00% 0.00%	0.00%
2 Appliance Retirement Initiative Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0			0	100.00% 100.00% 0.00%	0.00% 0.00%	100%
4 HVAC Incentives Initiative Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0			0	100.00% 100.00% 0.00%	0.00% 0.00%	100%
5 Residential New Construction and Major Renovation Initiative Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0			0	100.00% 100.00% 0.00%	0.00% 0.00%	100%
Commercial & Institutional Program						_	100.00%	
Energy Audit Initiative Adjustment to 2016 savings	Current year savings Adjustment	0		12 12	0 0	0.00% 0.00%	100.00% 0.00%	0.00%
Z Efficiency:Equipment Replacement Incentive Initiative Adjustment to 2016 savings	Current year savings Adjustment			12 12		100% 0.00% 100.00%	0.00% 0.00%	100% 0.00%
Direct Install Lighting and Water Heating Initiative Adjustment to 2016 savings	Current year savings Adjustment	0		12 12	0 0	100% 0.00% 100.00%	0.00% 0.00%	100%
<u>9</u> New Construction and Major Renovation Initiative Adjustment to 2016 savings	Current year savings Adjustment	0 0		12 12	0	0.00% 0.00%	100.00% 100.00% 0.00%	0.00%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0		3 3	0	0.00% 0.00%	100.00% 100.00% 0.00%	0.00%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	Current year savings	0		12	0		100.00%	100%
Adjustment to 2016 savings           12         Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Adjustment Current year savings	0		12		0.00% 0.00%	100.00% 0.00%	0.00%
Adjustment to 2016 savings	Adjustment			12		0.00% 0.00%	100.00% 0.00%	0.00%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2016 savings	Current year savings Adjustment	0		12 12	0 0	0.00% 0.00%	100.00% 100.00% 0.00%	100%
Low Income Program 14 Low Income Initiative	Current year savings	0		12	0	100.00%		100%
Adjustment to 2016 savings	Adjustment	0		12	0	100.00% 0.00%	0.00% 0.00%	0.00%
15 Aboriginal Conservation Program Adjustment to 2016 savings	Current year savings Adjustment	0		0 0	0 0	0.00% 0.00%	0.00% 0.00%	0%
16 Program Enabled Savings Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0		0 0	0 0 0	0.00% 0.00%	0.00% 0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC	Current year savings			12		100.00%		100%
Adjustment to 2016 savings	Adjustment			12		100.00% 0.00%	0.00% 0.00%	0.00%
18 Loblaws Pilot Adjustment to 2016 savings	Current year savings Adjustment			12 12		0.00% 0.00%	0.00% 0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2016 savings	Current year savings Adjustment			12 12		0.00% 0.00%	0.00% 0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2016 savings	Current year savings Adjustment			12 12		0.00% 0.00%	0.00% 0.00%	0%
Conservation First Framework Residential Province-Wide Programs								
21         Save on Energy Coupon Program           Adjustment to 2016 savings	Current year savings Adjustment	2,005,471 223,129			130 14 14 11 11 11 11 11 11 11 11 11 11 11	100.00% 100.00% 0.00%	0.00% 0.00%	100%
22 Save on Energy Heating & Cooling Program Adjustment to 2016 savings	Current year savings Adjustment	623,179 8,802			186	100.00% 100.00% 0.00%	0.00% 0.00%	100%
23 Save on Energy New Construction Program Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0			0	100.00% 100.00% 0.00%	0.00% 0.00%	100%
24 Save on Energy Home Assistance Program Adjustment to 2016 savings	Current year savings Adjustment	0 0 0 0			0	100.00% 100.00% 0.00%	0.00% 0.00%	100%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Current year savings	39,428		12	5	_	100.00%	100%
Adjustment to 2016 savings	Adjustment	33,420 13,143		12	2	0.00% 0.00%	100.00% 0.00%	0.00%
26 Save on Energy Retrofit Program Adjustment to 2016 savings	Current year savings Adjustment	2,273,860 153,789		12 12	319	30.00% 0.00% 30.00%	65.00%         5.00%           65.00%         5.00%	0.00%

27 Save on Energy Small Business Lighting Program	Current year savings		9,710						12	1					1	100.00%				100%
Adjustment to 2016 savings	Adjustment		2,276						12	0					0.00%	100.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2016 savings	Current year savings Adjustment		2,703 0						12 12	759 0					0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	100%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2016 savings	Current year savings Adjustment		0 0						3	0					0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	100%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2016 savings	Current year savings Adjustment		0 0						12 12	0					0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	100%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2016 savings	Current year savings Adjustment		0						12 12	0					0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	100%
32 Save on Energy Energy Manager Program Adjustment to 2016 savings	Current year savings Adjustment		0						12 12	0					0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	100%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
44 First Nation Conservation Local Program     Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Social Benchmarking Local Program Adjustment to 2016 savings	Current year savings Adjustment		0 0						0	0					100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	100%
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund Adjustments Fund	Current year savings								0											0%
37 EnWin Utilities Ltd Building Optimization Pilot	Adjustment Current year savings								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings 38 EnWin Utilities Ltd Re-Invest Pilot	Adjustment Current year savings								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings <u>39</u> Horizon Utilities Corporation - ECM Furnace Motor Pilot	Adjustment Current year savings								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings <u>40</u> Horizon Utilities Corporation - Social Benchmarking Pilot	Adjustment Current year savings								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings <u>11</u> Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Adjustment Current year savings								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings	Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	078
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2016 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>46</u> Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2016 savings	Current year savings Adjustment								0						0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2016 Forecast CDM Savings in 2016		0 5,	365,490 0	0	0	0	0 0	0	0	0 1,400	0	0 0 0	0 (	0 0 0	0	0	0	0	0	
Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2015 programs Total Lost Revenues in 2016 from 2016 Programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAWUM in 2016 2016 Savings Persisting in 2017															\$0.01110 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.01960 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$4.69230 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$4.82420 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$15.50610 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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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2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020	0	0	0	0	0
2016 Savings Persisting in 2019	0	0	0	0	0
2016 Savings Persisting in 2020	0	0	0	0	0
Note: LDC to make note of key assumptions included above	-				

Table 5-c. 2017 Lost Revenues Work Form		Return to top Net Energy Savings		Not Er	nergy Savings Persistend	o (kWb)			Net Demand	Net Peak Demand	Savinge Poreiet				Pato All	cations for LRAMVA		
Program	Results Status	(kWh) 2017	2018 2019	2020 202		2023 2024	2025 20	Monthly 26	Savings (kW) 2017 2018			2024 2025 2026	Residential	GS<50 kW		GS>50 kW - Interval Meter	Street Lighting	Total
Legacy Framework Residential Program			· · ·	,, , , , , , , , , , , , , , , , , , ,									kWh	kWh	kW	kW	kW	
1 Coupon Initiative Adjustment to 2017 savings	Current year savings Adjustment	2,646,605							182				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Current year savings Adjustment	0							0				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	100%
3 Appliance Retirement Initiative Adjustment to 2017 savings	Current year savings Adjustment	0							0				<b>100.00%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	100%
HVAC Incentives Initiative     Adjustment to 2017 savings	Current year savings Adjustment	0							0				<b>100.00%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	100%
5 Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Current year savings Adjustment	0							0				<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	100%
Commercial & Institutional Program <u>6</u> Energy Audit Initiative	0							12							100.00%			10001
Adjustment to 2017 savings	Current year savings Adjustment	0						12	0				0.00%	0.00%	100.00%	0.00%	0.00%	100%
Z Efficiency:Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Current year savings Adjustment							12 12					0.00%	<b>100%</b> 100.00%	0.00%	0.00%	0.00%	100%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Current year savings Adjustment	0						12	0				0.00%	<b>100%</b> 100.00%	0.00%	0.00%	0.00%	100%
9 New Construction and Major Renovation Initiative Adjustment to 2017 savings	Current year savings Adjustment	0						12	0				0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	100%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Current year savings Adjustment	0						3	0				0.00%	0.00%	<b>100.00%</b> 100.00%	0.00%	0.00%	100%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	Current year savings	0						12	0						100.00%			100%
Adjustment to 2017 savings           12         Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Adjustment Current year savings	0						12	0				0.00%	0.00%	100.00%	0.00%	0.00%	100%
Adjustment to 2017 savings 13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Adjustment	8.841						12	0				0.00%	0.00%	100.00%	0.00%	0.00%	100%
Adjustment to 2017 savings	Adjustment	0,041						12					0.00%	0.00%	100.00%	0.00%	0.00%	100 /8
Low Income Program 14 Low Income Initiative Adjustment to 2017 savings	Current year savings Adjustment	0						12	0				100.00%	0.00%	0.00%	0.00%	0.00%	100%
Other	rejutinent							12					100.0078	0.0070	0.0078	0.0070	0.0078	I
15 Aboriginal Conservation Program Adjustment to 2017 savings	Current year savings Adjustment	0						0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Current year savings Adjustment	0						0	0				0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC	Current year savings							0					100.00%					100%
Adjustment to 2017 savings	Adjustment							0					100.00%	0.00%	0.00%	0.00%	0.00%	
18 Loblaws Pilot Adjustment to 2017 savings	Current year savings Adjustment							0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2017 savings	Current year savings Adjustment							0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2017 savings	Current year savings Adjustment							0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs																		
21 Save on Energy Coupon Program Adjustment to 2017 savings	Current year savings Adjustment	2,810,606							195				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating & Cooling Program Adjustment to 2017 savings	Current year savings Adjustment	507,855							150				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program Adjustment to 2017 savings	Current year savings Adjustment	0							0				<b>100.00%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	100%
24 Save on Energy Home Assistance Program Adjustment to 2017 savings	Current year savings Adjustment	0							0				<b>100.00%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Current year savings	0						12	0						100.00%			100%
Adjustment to 2017 savings	Adjustment	0.000						12	000				0.00%	0.00%	100.00%	0.00%	0.00%	
26 Save on Energy Retrofit Program Adjustment to 2017 savings	Current year savings Adjustment	3,419,512						12 12	628				0.00%	<b>30.00%</b> 30.00%	65.00% 65.00%	5.00% 5.00%	0.00%	100%

2Z Save on Energy Small Business Lighting Program	Current year savings	0					12	0				]	100.00%				100%
Adjustment to 2017 savings 28 Save on Energy High Performance New Construction Program	Adjustment Current year savings	0					12	0				0.00%	100.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2017 savings	Adjustment						12					0.00%	0.00%	100.00%	0.00%	0.00%	
29 Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings	Current year savings Adjustment	0					3	0				0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	100%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Current year savings Adjustment	0					12 12	0				0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	100%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Current year savings Adjustment	0					12	0				0.00%	0.00%	<b>100.00%</b>	0.00%	0.00%	100%
22 Save on Energy Energy Manager Program Adjustment to 2017 savings	Current year savings Adjustment	653					12	0				0.00%	0.00%	100.00%	0.00%	0.00%	100%
Local & Regional Programs							12					0.00%	0.0076	100.0076	0.0078	0.0076	
33 Business Refrigeration Local Program Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2017 savings	Current year savings Adjustment	0					0	0				<b>100.00%</b>	0.00%	0.00%	0.00%	0.00%	100%
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program -										<b>T</b> T							
Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Current year savings						0					]					0%
Adjustment to 2017 savings	Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2017 savings	Current year savings Adjustment											0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the     Agricultural Sector     Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls     Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2017 savings	Current year savings Adjustment						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Current year savings						0					]					0%
Adjustment to 2017 savings <u>49</u> Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Adjustment Current year savings						0					0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	Adjustment Current year savings	51,633					0	6				0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2017 savings	Adjustment						12					100.00%	0.00%	0.00%	0.00%	0.00%	10070
Actual CDM Savings in 2017 Forecast CDM Savings in 2017		9,445,705	0 0	0 0	0 0	0 0	0	1,161 0	0 0 0	0	0 0 0 0	6,016,699 0	1,025,854 0	4,898 0	377 0	0	
Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Total Lost Revenue in 2017 from 2016 programs Total Lost Revenue in 2017 Forecast Lost Revenues in 2017 LRAMVA in 2017												\$0.00870 \$5,142.71 \$4,575.82 \$5,137.57 \$11,211.63 \$14,616.71 \$24,887.05 \$52,345.28 \$117,916.79 \$0.00	\$0.01980 \$16,586.48 \$18,631.47 \$13,435.79 \$11,034.03 \$35,781.73 \$14,657.56 \$20,311.90 \$130,438.96 \$0.00	\$4,74040 \$16,514.42 \$15,286.64 \$12,081.53 \$11,023.50 \$24,666.50 \$24,666.50 \$24,666.29 \$23,220.38 \$158,359.26 \$0.00	\$4.87350 \$866.23 \$1.205.55 \$229.10 \$342.94 \$61.41 \$877.23 \$1,836.33 \$6,718.80 \$0.00	\$15.61760 \$0.00 \$0.00 \$0.00 \$38,801.61 \$0.00 \$38,801.61 \$0.00	\$39,109.85 \$39,699.49 \$31,583.99 \$35,112.10 \$113,927.97 \$95,088.14 \$97,713.89 \$452,235.42 \$0.00 \$452,235.42

2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020	0	0	0	0	0
2017 Savings Persisting in 2019	0	0	0	0	0
2017 Savings Persisting in 2020	0	0	0	0	0
Note: LDC to make note of key assumptions included above					

Table 5-d. 2018 Lost Revenues Work Form	1	Return to top Net Energy Savings	11						Not Domond									
Program	Results Status	(kWh) 2018	2019 2020		Net Energy Savings Per 2022 2023	sistence (kWh) 2024	2025 2026 2027	Monthl Multipli	V Savings (kW) or 2018	2019 2		gs Persistence (kW) 23 2024 2025 202	26 2027 Resider		W GS>50 kW - Ther Demand Mete	r		Total
Legacy Framework Residential Program													kWi	kWh	kW	kW	kW	
1 Coupon Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
2 Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative     Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
<u>5</u> Residential New Construction and Major Renovation Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program																		
6 Energy Audit Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
8 Direct Install Lighting and Water Heating Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation Initiative Adjustment to 2018 savings	Current year savings Adjustment	-											0.00	6 0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Industrial Program																		
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Low Income Program			1	_							 							
14 Low Income Initiative Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Other <u>15</u> Aboriginal Conservation Program Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots																		
1Z Conservation Fund Pilot - EnerNOC Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework																		
Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2018 savinos	Current year savings Adjustment							_					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program Adjustment to 2018 savings	Current year savings Adjustment							_					0.00	6 0.00%	0.00%	0.00%	0.00%	0%
23 Save on Energy New Construction Program	Current year savings												0.00		0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings 24 Save on Energy Home Assistance Program	Adjustment Current year savings																	0%
Adjustment to 2018 savings	Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2018 savings	Current year savings Adjustment												0.00	6 0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program Adjustment to 2018 savings	Current year savings Adjustment												0.00		0.00%	0.00%	0.00%	0%
		-				-			-				5.00	0.0076	0.0078	0.0070	0.0070	I

																							1
2Z Save on Energy Small Business Lighting Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy High Performance New Construction Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refrigeration Local Program	Current year savings																	_					0%
Adjustment to 2018 savings	Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	
35 Social Benchmarking Local Program Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Current year savings																						0%
Adjustment to 2018 savings 32 EnWin Utilities Ltd Building Optimization Pilot	Adjustment Current year savings																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	Adjustment Current year savings																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	Adjustment Current year savings																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	Adjustment Current year savings																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2018 savings	Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>41</u> Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Alagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the     Agara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Current year savings																						0%
Adjustment to 2018 savings	Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>46</u> Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>47</u> Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2018 savings	Current year savings Adjustment																	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2018 Forecast CDM Savings in 2018		0	0	0	0	0	0	0	0	0	0	0	0	0 0	0 (	0 0	0 0	0	0	0	0	0	
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2014 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2019 programs Lost Revenue in 2018 from 2019 programs Lost Revenue in 2018 from 2019 programs Lost Revenue in 2018 from 2018 Total Lost Revenues in 2018 Lorast Lost Revenues in 2018 Lorast Lost Revenues in 2018 Lorast Lost Revenues in 2018																		\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$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 Savings Persisting in 2019 2018 Savings Persisting in 2020																		0 0	0	0 0	0	0 0	

#### Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form		Return to top Net Energy Savings					Net	Demand								_
Program	Results Status	Net Energy Savings (kWh) 2019 2020	2021 2022	Net Energy Savings Persisten 2023 2024	ce (KWh) 2025 2026	2027 2028	Multiplior	ISS (KW)	Net Peak Demand Savings		2028 Residential	GS-50 kW	OO FO WHI Thermal	tions for LRAMVA SS>50 kW - Interval Meter	Street Lighting	Total
Legacy Framework		2013 2020	2021 2022	2023 2024	2023 2020	2027 2020		2020 20	2022 2023 2024	2023 2020 2021 2	kWh	kWh	Demand Meter kW	kW	kW	Total
Residential Program Coupon Initiative Adjustment to 2019 savings	Current year savings Adjustment						-				0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Bi-Annual Retailer Event Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Appliance Retirement Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>5</u> Residential New Construction and Major Renovation Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
9 New Construction and Major Renovation Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program 14 Low Income Initiative Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 15 Aboriginal Conservation Program Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 12 Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
23 Save on Energy New Construction Program Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2019 savings	Current year savings Adjustment										0.00%	0.00%	0.00%	0.00%	0.00%	0%

26 Save on Energy Retrofit Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 Save on Energy Small Business Lighting Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy High Performance New Construction Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydrot Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot     Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2019 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Current year savings																			0%
Adjustment to 2019 savings <u>42</u> Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Adjustment Current year savings														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings 43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Adjustment Current year savings														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings 44 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Adjustment Current year savings														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings <u>45</u> Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Adjustment Current year savings														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Dearwise rysub Electricity Distribution Inc Direct Install - Tysubine     Adjustment to 2019 savings     46     Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Dearwise rysus Electricity Examples in the - one of mean matter - NTO Controls     Adjustment to 2019 savings     4z     Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Adjustment Current year savings														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings 48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 studine Species Landon Calculation (in the Carlings)     Adjustment to 2019 studine Species Landon Calculation     Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 solvings Actual CDM Savings in 2019	Adjustment	0	0	0 0	0	0	0	0 0	0	0	0 0	0 0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	
Forecast CDM Savings in 2019 Distribution Rate in 2019						-				-		-			0 \$0,00000	0	0 \$0,00000	0 \$0,00000	0 \$0,00000	
Lest Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2019 programs Total Lost Revenues in 2019 Forecast Lost Revenues in 2019 LCRAMVA in 2019															\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>

#### 2019 Savings Persisting in 2020 Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form		Return to tog         Net Energy Savings         Net Energy Savings Persistence (kWh)         Net Demand         Net Peak Demand Savings Persistence (kW)         Rate Allocations for LRAMVA
Program Legacy Framework	Results Status	With the second secon
Residential Program 1 Coupon Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the state of
2 Bi-Annual Retailer Event Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the constraint
Appliance Retirement Initiative     Adjustment to 2020 savings	Current year savings Adjustment	Image: Second secon
4 HVAC Incentives Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the
5 Residential New Construction and Major Renovation Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the
Commercial & Institutional Program 6 Energy Audi Initiative Adjustment to 2020 savings	Current year savings Adjustment	<u> </u>
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2020 savings	Current year savings Adjustment	Mode         Mode <t< td=""></t<>
8 Direct Install Lighting and Water Heating Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the state of
New Construction and Major Renovation Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Second
10 Existing Building Commissioning Incentive Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Contract of the contract
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2020 savings	Current year savings Adjustment	0% 
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2020 savings	Current year savings Adjustment	Marcolar
Low Income Program 14 Low Income Initiative Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the
Other 15 Aboriginal Conservation Program Adjustment to 2019 savings	Current year savings Adjustment	Image: Constraint of the state of
16 Program Enabled Savings Adjustment to 2019 savings	Current year savings Adjustment	
Conservation Fund Pilots 12 Conservation Fund Pilot - EnerNOC	Current year savings	
Adjustment to 2019 savings 18 Loblaws Pilot Adjustment to 2019 savings	Adjustment Current year savings Adjustment	
19 Conservation Fund Pilot - SEG Adjustment to 2019 savings	Current year savings Adjustment	
20 Social Benchmarking Pilot Adjustment to 2019 savings	Current year savings Adjustment	
Conservation First Framework Residential Province-Wide Programs	·	
21 Save on Energy Coupon Program Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the constr
22 Save on Energy Heating and Cooling Program Adjustment to 2020 savings	Current year savings Adjustment	Image: Normal state
23 Save on Energy New Construction Program Adjustment to 2020 savings	Current year savings Adjustment	Image: Note of the state o
24 Save on Energy Home Assistance Program Adjustment to 2020 savings	Current year savings Adjustment	Image: Constraint of the system of the sy
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Current year savings	0%

Adjustment to 2020 savings	Adjustment													<u> </u>	0.00%	0.00%	0.00%	0.00%	0.00%	1
26 Save on Energy Retrofit Program	Current year savings								-											0%
Adjustment to 2020 savings	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	
27 Save on Energy Small Business Lighting Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy High Performance New Construction Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2020 savinos	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Programs	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business Refrigeration Local Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program	Current year savings														0.00%					0%
Adjustment to 2020 savings	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Current year savings																			0%
Adjustment to 2020 savings	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Current year savings																			0%
Adjustment to 2020 savings	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
44 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agricultural Sector	Current year savings																			0%
Adjustment to 2020 savings	Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	10%
4Z Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)     Adjustment to 2020 savings	Current year savings Adjustment														0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2020		0	0 0	0	0	0 0	0	0	0	0	0 0	0 0	0 0 0	0 0	FALSE	FALSE	0	0	0	
Porecast CDM Savings in 2020 Distribution Rate in 2020 Distribution Rate in 2020		1		1	11			I			I				0 \$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	1
Lost Revenue in 2020 from 2011 programs Lost Revenue in 2020 from 2012 programs Lost Revenue in 2020 from 2013 programs Lost Revenue in 2020 from 2015 programs Lost Revenue in 2020 from 2015 programs Lost Revenue in 2020 from 2017 programs Lost Revenue in 2020 from 2017 programs Lost Revenue in 2020 from 2017 programs Lost Revenue in 2020 from 2018 programs Lost Revenue in 2020 from 2019 programs															\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Lost Revenue in 2020 from 2020 programs															\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Total Lost Revenues in 2020 Forecast Lost Revenues in 2020 LRAMVA in 2020	\$0.00 \$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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### **LRAMVA Work Form: Carrying Charges by Rate Class**

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

 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 1, the principal will auto-populate as monthly variances in Table 6.4, and are multiple by the interest rate for a determine the monthly variances on carrying drages for each rate class by year.
 The annual carrying charges table in Table 6.4 below practing the ware single of collected in table set. Table of a below prediction of the ware interest and ware single of collected in table of a below prediction.
 Dick 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. Instruct 3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

GS-59 KW - GS-50 KW - Street Lighting Month Period Quarter Rate Residential GS-50 KW Themal Demand GS-50 KW - Street Lighting Meter Interval Meter

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

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

Jan-11         2011           Feb-11         2011           Mar-11         2011           Apr-11         2011           May-11         2011           Jun-11         2011	Q1         0.12%           Q1         0.12%           Q1         0.12%           Q2         0.12%           Q2         0.12%           Q2         0.12%           Q2         0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Jul-11         2011           Aug-11         2011           Sep-11         2011           Oct-11         2011           Nov-11         2011           Dec-11         2011	Q3         0.12%           Q3         0.12%           Q3         0.12%           Q4         0.12%           Q4         0.12%           Q4         0.12%           Q4         0.12%           Q4         0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Total for 2011           Amount Cleared           Opening Balance for 2012           Jan-12         2011-2012           Feb-12         2011-2012           Mar-12         2011-2012	Q1 0.12% Q1 0.12% Q1 0.12% 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	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$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-12         2011-2012           May-12         2011-2012           Jun-12         2011-2012           Jul-12         2011-2012           Aug-12         2011-2012           Sep-12         2011-2012           Oct-12         2011-2012	Q2         0.12%           Q2         0.12%           Q3         0.12%           Q3         0.12%           Q3         0.12%           Q3         0.12%           Q4         0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$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-12         2011-2012           Dec-12         2011-2012           Total for 2012         Amount Cleared	Q4 0.12% Q4 0.12%	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>
Opening Balance for 2013           Jan-13         2011-2013           Feb-13         2011-2013           Mar-13         2011-2013           Apr-13         2011-2013           May-13         2011-2013           Jun-13         2011-2013           Jun-13         2011-2013	Q1         0.12%           Q1         0.12%           Q1         0.12%           Q2         0.12%           Q2         0.12%           Q2         0.12%           Q2         0.12%           Q3         0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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-13 2011-2013 Sep-13 2011-2013 Oct-13 2011-2013 Nov-13 2011-2013 Dec-13 2011-2013 Total for 2013	Q3         0.12%           Q3         0.12%           Q4         0.12%           Q4         0.12%           Q4         0.12%           Q4         0.12%           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 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Amount Cleared           Opening Balance for 2014           Jan-14         2011-2014           Feb-14         2011-2014           Mar-14         2011-2014           Apr-14         2011-2014	Q1 0.12% Q1 0.12% Q1 0.12% Q2 0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$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-14         2011-2014           Jun-14         2011-2014           Jul-14         2011-2014           Aug-14         2011-2014           Sep-14         2011-2014           Oct-14         2011-2014           Nov-14         2011-2014	Q2         0.12%           Q2         0.12%           Q3         0.12%           Q3         0.12%           Q3         0.12%           Q4         0.12%           Q4         0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$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-14         2011-2014           Total for 2014         Amount Cleared           Opening Balance for 2015         Jan-15           Jan-15         2011-2015           Feb-15         2011-2015	Q4 0.12%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$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-15         2011-2015           Apr-15         2011-2015           May-15         2011-2015           Jun-15         2011-2015           Jul-15         2011-2015           Aug-15         2011-2015	Q1         0.12%           Q2         0.09%           Q2         0.09%           Q2         0.09%           Q3         0.09%           Q3         0.09%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$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-15         2011-2015           Oct-15         2011-2015           Nov-15         2011-2015           Dec-15         2011-2015           Total for 2015         Amount Cleared           Opening Balance for 2016         Opening Balance for 2016	Q3 0.09% Q4 0.09% Q4 0.09% Q4 0.09%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$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-16 2011-2016 Feb-16 2011-2016 Mar-16 2011-2016 Apr-16 2011-2016 May-16 2011-2016 Jun-16 2011-2016	Q1         0.09%           Q1         0.09%           Q1         0.09%           Q2         0.09%           Q2         0.09%           Q2         0.09%           Q2         0.09%           Q2         0.09%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$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-16         2011-2016           Aug-16         2011-2016           Sep-16         2011-2016           Oct-16         2011-2016           Nov-16         2011-2016           Dec-16         2011-2016           Total for 2016         2011-2016	Q3         0.09%           Q3         0.09%           Q3         0.09%           Q4         0.09%           Q4         0.09%           Q4         0.09%           Q4         0.09%           Q4         0.09%           Q4         0.09%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Amount Cleared           Opening Balance for 2017           Jan-17         2011-2017           Feb-17         2011-2017           Mar-17         2011-2017           Mar-17         2011-2017           Apr-17         2011-2017	Q1 0.09% Q1 0.09% Q1 0.09% Q2 0.09%	\$0.00 \$0.00 \$9.01 \$18.02 \$27.02	\$0.00 \$0.00 \$9.96 \$19.93 \$29.89	\$0.00 \$0.00 \$12.10 \$24.19 \$36.29	\$0.00 \$0.00 \$0.51 \$1.03 \$1.54	\$0.00 \$0.00 \$2.96 \$5.93 \$8.89	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$34.55 \$69.09 \$103.64
May-17 2011-2017 Jun-17 2011-2017 Jul-17 2011-2017 Aug-17 2011-2017 Sep-17 2011-2017	Q2 0.09% Q2 0.09% Q3 0.09% Q3 0.09% Q3 0.09%	\$36.03 \$45.04 \$54.05 \$63.05 \$72.06	\$39.86 \$49.82 \$59.78 \$69.75 \$79.71	\$30,25 \$48.39 \$60.48 \$72.58 \$84.68 \$96.78	\$1.54 \$2.05 \$2.57 \$3.08 \$3.59 \$4.11	\$11.86 \$14.82 \$17.78 \$20.75 \$23.71	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$103.04 \$138.18 \$172.73 \$207.27 \$241.82 \$276.37
Oct-17         2011-2017           Nov-17         2011-2017           Dec-17         2011-2017           Total for 2017         Amount Cleared           Opening Balance for 2018         Opening National States	Q4 0.13% Q4 0.13% Q4 0.13%	\$110.55 \$122.83 \$135.11 \$692.76 \$692.76	\$122.29 \$135.87 \$149.46 \$766.33 \$766.33	\$148.46 \$164.96 \$181.45 \$930.36 \$930.36	\$6.30 \$7.00 \$7.70 \$39.47 \$39.47	\$36.38 \$40.42 \$44.46 \$227.96 \$227.96	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$	\$423.97 \$471.08 \$518.19 \$2,656.88
Jan-18 2011-2018 Feb-18 2011-2018 Mar-18 2011-2018 Apr-18 2011-2018 May-18 2011-2018 Jun-18 2011-2018	Q1         0.13%           Q1         0.13%           Q1         0.13%           Q2         0.16%           Q2         0.16%           Q2         0.16%           Q2         0.16%	\$147.40 \$147.40 \$147.40 \$185.72 \$185.72 \$185.72	\$163.05 \$163.05 \$163.05 \$205.44 \$205.44 \$205.44	\$197.95 \$197.95 \$197.95 \$249.42 \$249.42 \$249.42	\$8.40 \$8.40 \$10.58 \$10.58 \$10.58 \$10.58	\$48.50 \$48.50 \$61.11 \$61.11 \$61.11	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$565.29 \$565.29 \$565.29 \$712.27 \$712.27 \$712.27
Jul-18         2011-2018           Auq-18         2011-2018           Sep-18         2011-2018           Oct-18         2011-2018           Nov-18         2011-2018           Dec-18         2011-2018           Total for 2018         Total for 2018	Q3 0.16% Q3 0.16% Q3 0.16% Q4 0.18% Q4 0.18% Q4 0.18%	\$185.72 \$185.72 \$185.72 \$213.23 \$213.23 \$213.23 \$213.23 \$2,888.96	\$205.44 \$205.44 \$205.44 \$235.88 \$235.88 \$235.88 \$235.88 \$3,195.75	\$249.42 \$249.42 \$249.42 \$286.37 \$286.37 \$286.37 \$3,879.80	\$10.58 \$10.58 \$12.15 \$12.15 \$12.15 \$12.15 \$164.61	\$61.11 \$61.11 \$70.17 \$70.17 \$70.17 \$70.17 \$950.64	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00	\$712.27 \$712.27 \$712.27 \$817.79 \$817.79 \$817.79 \$817.79
Amount Cleared           Opening Balance for 2019           Jan-19         2011-2019           Feb-19         2011-2019           Mar-19         2011-2019           Apr-19         2011-2019	Q1 0.00% Q1 0.00% Q1 0.00% Q2 0.00%	\$2,888.96 \$0.00 \$0.00 \$0.00 \$0.00	\$3,195.75 \$0.00 \$0.00 \$0.00 \$0.00	\$3,879.80 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$164.61 \$0.00 \$0.00 \$0.00 \$0.00	\$950.64 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$1 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
May-19         2011-2019           Jun-19         2011-2019           Jul-19         2011-2019           Aug-19         2011-2019           Sep-19         2011-2019           Oct-19         2011-2019           Num-19         2011-2019           Oct-19         2011-2019           Num-10         2011-2019	Q2         0.00%           Q2         0.00%           Q3         0.00%           Q3         0.00%           Q3         0.00%           Q4         0.00%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Nov-19         2011-2019           Dec-19         2011-2019           Total for 2019	Q4 0.00% Q4 0.00% Q1 0.00% Q1 0.00%	\$0.00 \$0.00 \$2,888.96 \$2,888.96 \$0.00 \$0.00	\$0.00 \$0.00 \$3,195.75 \$3,195.75 \$0.00 \$0.00	\$0.00 \$0.00 \$3,879.80 \$3,879.80 \$0.00 \$0.00	\$0.00 \$0.00 \$164.61 \$164.61 \$0.00 \$0.00	\$0.00 \$0.00 \$950.64 \$950.64 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$1 \$0.00 \$1 \$0.00 \$0.00	\$0.00 \$0.00 11,079.77 11,079.77 \$0.00 \$0.00
Mar-20         2011-2020           Apr-20         2011-2020           May-20         2011-2020           Jun-20         2011-2020           Jul-20         2011-2020           Jul-20         2011-2020           Aug-20         2011-2020	Q1         0.00%           Q2         0.00%           Q2         0.00%           Q2         0.00%           Q3         0.00%           Q3         0.00%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$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           Oct-20         2011-2020           Nov-20         2011-2020           Dec-20         2011-2020           Total for 2020         Amount Cleared	Q3 0.00% Q4 0.00% Q4 0.00% Q4 0.00%	\$0.00 \$0.00 \$0.00 \$0.00 \$2,888.96	\$0.00 \$0.00 \$0.00 \$0.00 \$3,195.75	\$0.00 \$0.00 \$0.00 \$0.00 \$3,879.80	\$0.00 \$0.00 \$0.00 \$0.00 \$164.61	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$950.64</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Version 3.0 (2019)

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# Appendix 6: Account 1595 Workform

(Presented in PDF and Excel Format)

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## 1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	\$1,358,918	\$245,606	\$1,604,524	\$1,567,659	\$36,865		\$36,865	2.3%
Account 1589 - Global Adjustment			\$0		\$0		\$0	
Total Group 1 and Group 2 Balances	\$1,358,918	\$245,606	\$1,604,524	\$1,567,659	\$36,865	\$0	\$36,865	2.3%

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

#### Additional Notes and Comments

### **1595 Analysis Workform**

Step 1	Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)	
	Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$1,685,080	-\$31,186	-\$1,716,266	-\$1,666,105	-\$50,161		-\$50,161	2.9%	
	Account 1589 - Global Adjustment	\$720,868	\$71,998	\$792,866	\$558,692	\$234,174		\$234,174	29.5%	Calculated differences of greater than + or - 10% require further analysis
[	Total Group 1 and Group 2 Balances	-\$964,212	\$40,812	-\$923,400	-\$1,107,413	\$184,013	\$0	\$184,013	-19.9%	Calculated differences of greater than + or - 10% require further analysis

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

#### Select Rate Rider(s) Applicable for 1595 Recovery Period Step 2

RATE RIDER - GROUP 1 DVA ACCOUNTS (EXCLUDING GLOBAL ADJUSTMENT) RATE RIDER - GROUP 1 DVA ACCOUNTS (EXCLUDING GLOBAL ADJUSTMENT) - NON-RATE RIDER - RSVA - GLOBAL ADJUSTMENT RATE RIDER - RSVA - GROUP 2 ACCOUNTS (If a separate Group 2 rate rider was created) OTHER 1 OTHER 2 OTHER 3

RATE RIDER - RSVA - GLOBAL ADJUSTMENT	
Rate Rider Recovery Period (Months)	

#### 11

#### Data used to calculate rate rider (Data to agree with Rate Generator Model and OEB Decision as applicable for the vintage year) versus actuals

			Denominator Used in	Calculated Rate Rider	Projected Consumption	Billed Consumption	Forecasted versus		Calculated Variance	Billed Consumption	Billed Consumption	RRR Variance	RRR
Rate Class	Unit	Rate Class as Approved	Rider Calculation as	as Approved by OEB	over Recovery Period	(kWh/kW) that the rider		Calculated Variance (\$)	(%)	(kWh/kW) per RRR	(kWh/kW) applied to	(kWh/kW)	variance
		by OEB	Approved by OEB			was applied against	Variance (kWh/kW)		(,	filings***	Recovery Period	(,	(%)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	\$127,726	29,703,721	\$0.0043	29,703,721	20,930,688	8,773,033	\$37,724	29.5%	18,528,037	18,528,037	-2,402,651	-11.5%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	\$63,853	14,849,535	\$0.0043	14,849,535	10,463,705	4,385,830	\$18,859	29.5%	39,325,476	39,325,476	28,861,771	275.8%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	\$1,107,035	646,180	\$1.7132	646,180	455,330	190,850	\$326,964	29.5%	672,261	672,261	216,931	47.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	\$0								0	0	0	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	\$0								0	0	0	
STREET LIGHTING SERVICE CLASSIFICATION	kW	\$0								0	0	0	
microFIT SERVICE CLASSIFICATION	kWh	\$0								0	0	0	
TOTAL		\$1,298,614			I			\$383,547	29.5%				

\*\*\*Data to agree with RRR flings, as applicable. Please refer to RRR Fling 2.1.5.4 to populate data. Note that RRR data is used in this workform as a reasonability check to benchmark against billed consumption over the recovery period. There may be differences due to unbilled revenue accruals, recovery period dates, or other factors. However, any substantial deviations between billed consumption that the rider was applied against at billed consumption reported in RRR can be an indicator of rider misaliocations or errors in the data used in the workform.

Other 1 - Tay Service Area - GA	
Rate Rider Recovery Period (Months)	11

#### Data used to calculate rate rider (Data to agree with Rate Generator Model and OEB Decision as applicable for the vintage year) versus actuals

		Allocated Balance to	Denominator Used in	Calculated Rate Rider	r Projected Consumption	Billed Consumption	Forecasted versus			<b>Billed Consumption</b>		RRR Variance	RRR
Rate Class	Unit	Rate Class as Approved	Rider Calculation as		over Recovery Period	(kWh/kW) that the rider	billed Consumption	Calculated Variance (\$)	(%)	(kWh/kW) per RRR	(kWh/kW) applied to	(kWh/kW)	variance
		by OEB	Approved by OEB	as approved by eEB		was applied against	Variance (kWh/kW)		(76)	filings***	Recovery Period	,	(%)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(\$92,171)	3,922,170	(\$0.0235	3,922,170	2,763,752	1,158,418	(\$27,223)	29.5%	1,611,134	1,611,134	-1,152,618	-41.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	(\$19,016)	809,191	(\$0.0235	809,191	570,196	238,995	(\$5,616)	29.5%	3,419,607	3,419,607	2,849,411	499.7%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	(\$114,518)	11,704	(\$9.7845	11,704	8,247	3,457	(\$33,825)	29.5%	58,457	58,457	50,210	608.8%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh												
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW												
STREET LIGHTING SERVICE CLASSIFICATION	kW												
microFIT SERVICE CLASSIFICATION	kWh												
TOTAL		(\$225,705)						(\$66,664)	29.5%				

\*\*\*Data to agree with RRR filings, as applicable. Please refer to RRR Filing 2.1.5.4 to populate data. Note that RRR data is used in this workform as a reasonability check to benchmark against billed consumption over the recovery period. There may be differences due to unbilled revenue accruals, recovery period dates, or other factors. However, any substantial deviations between billed consumption that the rider was applied against and billed consumption reported in RRR can be an indicator of rider misallocations or errors in the data used in the workform.

Other 3 - Newmarket & Tay Service area	
Rate Rider Recovery Period (Months)	11

#### Data used to calculate rate rider (Data to agree with Rate Generator Model and OEB Decision as applicable for the vintage year) versus actuals

		Allocated Balance to De	Denominator Used in	Calculated Rate Rider	Projected Consumption	Billed Consumption	Forecasted versus		Calculated Variance	Billed Consumption Billed Consumption		RRR Variance	RRR
Rate Class	Unit	Rate Class as Approved		as Approved by OEB	over Recovery Period	(kWh/kW) that the rider	billed Consumption	Calculated Variance (\$)	(%)	(kWh/kW) per RRR	(kWh/kW) applied to	(kWh/kW)	variance
		by OEB	Approved by OEB	as Approved by OLD	over Recovery Ferrod	was applied against	Variance (kWh/kW)		(76)	filings***	Recovery Period	(KIII/KII)	(%)
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(\$30,198)	33,553,333	(\$0.0009	33,553,333	23,643,312	9,910,021	(\$8,919)	29.5%	20,139,171	20,139,171	-3,504,141	-14.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kW	(\$14,070)	15,633,333	(\$0.0009	15,633,333	11,016,008	4,617,325	(\$4,156)	29.5%	42,745,083	42,745,083	31,729,075	288.0%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	(\$235,775)	657,854	(\$0.3584	657,854	463,556	194,298	(\$69,636)	29.5%	730,718	730,718	267,162	57.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh												
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW												
STREET LIGHTING SERVICE CLASSIFICATION	kW												
microFIT SERVICE CLASSIFICATION	kWh												
TOTAL		(\$280,043)						(\$82,711)	29.5%				

\*\*\*Data to agree with RRR filings, as applicable. Please refer to RRR Filing 2.1.5.4 to populate data. Note that RRR data is used in this workform as a reasonability check to benchmark against billed consumption over the recovery period. There may be differences due to unbilled revenue accruals, recovery period dates, or other factors. However, any substantial deviations between billed consumption the refer against at billed consumption network of the refer as a placed against at billed consumption reported in RRR can be an indicator of network market and in the workform.

SUMMARY	
Total Calculated Account Balance	\$515,999,152
Total Account Residual Balance per Step 1 above	\$184,013
Unreconciled Differences****	\$515.815.139

\*\*\*\*Any unreconciled difference between amounts reported in the residual balances section in Step 1 and amounts calculated for the total of all applicable riders in Step 3 must be explained.

#### Additional Notes and Comments

Please note that this spreadsheet is for Disposition and Recover of Regulatory Balances (2009). First table represents only Newmarket rate zone. Actual total calculated account balance should be \$234, 172.

## 1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$263,764		-\$263,764	-\$252,448	-\$11,316		-\$11,316	
Account 1589 - Global Adjustment	\$0		\$0		\$0		\$0	
Total Group 1 and Group 2 Balances	-\$263,764	\$0	-\$263,764	-\$252,448	-\$11,316	\$0	-\$11,316	4.3%

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

#### Additional Notes and Comments

For Shared Tax Rate Rider for the period 2012, 2014, 2016, and 2017.

# 1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balan Approved for Disposition	e Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	\$1,01	3,173 \$0	\$1,013,173	\$1,035,181	-\$22,008	\$0	-\$22,008	-2.2%
Account 1589 - Global Adjustment	\$1,45	\$,977 \$0	\$1,456,977	\$1,412,160	\$44,817	\$0	\$44,817	3.1%
Total Group 1 and Group 2 Balances	\$2,47	0,150 \$0	\$2,470,150	\$2,447,341	\$22,809	\$0	\$22,809	0.9%

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

#### Additional Notes and Comments

Note this sheet in the workform is being utilized for 2010 for Newmarket rate zone only, rather than 2015.

# 1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	-\$457,858	\$0	-\$457,858	-\$475,827	\$17,969	\$0	\$17,969	-3.9%
Account 1589 - Global Adjustment	-\$98,831		-\$98,831	-\$100,550	\$1,719		\$1,719	-1.7%
Total Group 1 and Group 2 Balances	-\$556,689	\$0	-\$556,689	-\$576,377	\$19,688	\$0	\$19,688	-3.5%

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

#### Additional Notes and Comments

Note this sheet in the workform is being utilized for 2010 for Tay rate zone only, rather than 2016.

# Appendix 7: Account 1576 – Accounting Changes & Fixed Asset Continuity Schedule

(Board Appendix 2-EC & 2-BA) (Presented in PDF and Excel Format)

### Appendix 2-EC Account 1576 - Accounting Changes under CGAAP 2012 Changes in Accounting Policies under CGAAP

#### For applicants that made capitalization and depreciation expense accounting policy changes under CGAAP effective January 1, 2012

	Rebasing Year	2011	2012	2013	2014	2015	2016	2017	
Reporting Basis	CGAAP	IRM	IRM	IRM	IRM	IRM	IRM	IRM	
	Forecast	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
			\$	\$	\$	\$	\$	\$	
PP&E Values under former CGAAP									
Opening net PP&E - Note 1			51,625,726	52,120,129	52,165,032	50,542,211	58,826,636	57,274,425	
Net Additions - Note 4			4,050,759	4,336,894	-415,324	12,661,667	2,955,376	4,760,269	
Net Depreciation (amounts should be negative) - Note 4			-3,556,355	-4,291,992	-1,207,497	-4,367,243	-4,507,587	-4,309,215	
Closing net PP&E (1)			52,120,129	52,165,032	50,542,211	58,836,636	57,274,425	57,725,479	
PP&E Values under revised CGAAP (Starts from 2013)									
Opening net PP&E - Note 1			51,625,726	53,883,098	55,285,337	55,135,557	64,799,717	64,736,570	
Net Additions - Note 4			4,050,759	3,989,479	-470,121	12,491,420	2,955,376	4,760,269	
Net Depreciation (amounts should be negative) - Note 4			-1,793,386	-2,587,241	320,342	-2,827,260	-3,018,523	-2,811,200	
Closing net PP&E (2)			53,883,098	55,285,337	55,135,557	64,799,717	64,736,570	66,685,640	
Difference in Closing net PP&E, former CGAAP vs. revised CGAAP			-1,762,969.00	-3,120,305.00	-4,593,346.12	-5,963,081.44	-7,462,145.39	-8,960,160.27	

#### Effect on Deferral and Variance Account Rate Riders

Closing balance in Account 1576	-8,960,160.27	WACC	7.03%
Return on Rate Base Associated with Account 1576			
balance at WACC - Note 2	- 629,899.27		
Amount included in Deferral and Variance Account Rate Rider Calculation	-9,590,059.54	# of years of rate rider disposition period	1
2017 - 1576 Disposition for Rate Rider Calculation	-7,976,031.21		
Request for 2018 - 1576 Disposition for Rate Rider Calculation	-1,614,028.33		

#### Notes:

1 For an applicant that made the capitalization and depreciation expense accounting policy changes on January 1, 2013, the PP&E values as of January 1, 2013 under both former CGAAP and revised CGAAP should be the same.

2 Return on rate base associated with Account 1576 balance is calculated as:

the variance account opening balance as of 2015 rebasing year x WACC X # of years of rate rider disposition period

\* Please note that the calculation should be adjusted once WACC is updated and finalized in the rate application.

3 Account 1576 is cleared by including the total balance in the deferral and variance account rate rider calculation.

4 Net additions are additions net of disposals; Net depreciation is additions to depreciation net of disposals.

## Appendix 2-BA

## Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard CGAAP

Year 201

2012 CGAAF
------------

			Cost																		
CCA Class <sup>2</sup>		Description <sup>3</sup>		Opening Balance	Additions <sup>4</sup>		Disposals		Closing Balance			Opening Balance	Additions		Disposals		Closing Balanc		Net	Net Book Value	
12		Computer Software (Formally known as Account 1925)	\$	1,136,391	\$	136,843	-\$	388,690	\$	884,545	-\$	544,507	-\$	215,731	\$	388,690	-\$	371,548	\$	512,997	
CEC	1612	Land Rights (Formally known as Account 1906)	\$	510,698	\$	-	\$	-	\$	510,698	-\$	84,097	-\$	16,350	\$	-	-\$	100,447	\$	410,251	
N/A	1805	Land	\$	3,139,180	\$	1,836,821	-\$	1,366,610	\$	3,609,391	\$	; -	\$	-	\$	-	\$	-	\$	3,609,391	
47	1808	Buildings	\$	-	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	-	
13	1810	Leasehold Improvements	\$	-	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	-	
47	1815	Transformer Station Equipment >50 kV	\$	-	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	-	
47	1820	Distribution Station Equipment <50 kV	\$	8,558,910	\$	18,735	\$	-	\$	8,577,645	-\$	4,529,644	-\$	295,024	\$	-	-\$	4,824,668	\$	3,752,977	
47	1825	Storage Battery Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
47	1830	Poles, Towers & Fixtures	\$	14,368,216	\$	3,273,144	\$	-	\$	17,641,360	-\$	6,751,285	-\$	614,044	\$	-	-\$	7,365,329	\$	10,276,031	
47	1835	Overhead Conductors & Devices	\$	16,377,557	\$	1,770,398	\$	-	\$	18,147,955	-\$	8,036,059	-\$	662,493	\$	-	-\$	8,698,552	\$	9,449,404	
47	1840	Underground Conduit	\$	8,594,839	\$	285,515	\$	-	\$	8,880,354	-\$	3,998,650	-\$	242,956	\$	-	-\$	4,241,606	\$	4,638,748	
47	1845	Underground Conductors & Devices	\$	24,704,690	\$	1,003,796	\$	-	\$	25,708,485	-\$	12,876,028	-\$	1,018,211	\$	-	-\$	13,894,239	\$	11,814,247	
47	1850	Line Transformers	\$	17,161,916	\$	1,024,433	\$	-	\$	18,186,349	-\$	8,028,348	-\$	660,287	\$	-	-\$	8,688,635	\$	9,497,714	
47	1855	Services (Overhead & Underground)	\$	8,757,744	\$	869,100	\$	-	\$	9,626,844	-\$	1,827,774	-\$	363,121	\$	-	-\$	2,190,895	\$	7,435,949	
47	1860	Meters	\$	3,780,335	\$	12,557	-\$	11,594	\$	3,781,298	-\$	1,711,758	-\$	123,310	\$	6,857	-\$	1,828,211	\$	1,953,087	
47	1860	Meters (Smart Meters)	\$	6,933,229	\$	284,679	-\$	66,600	\$	7,151,308	-\$	1,522,216	-\$	452,567	\$	22,200	-\$	1,952,582	\$	5,198,726	
N/A	1905	Land	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
47	1908	Buildings & Fixtures	\$	277,610	\$	4,095	\$	-	\$	281,705	-\$	70,687	-\$	8,370	\$	-	-\$	79,057	\$	202,648	
13	1910	Leasehold Improvements	\$	948,396	\$	92,734	-\$	29,109	\$	1,012,021	-\$	377,465	-\$	194,535	\$	29,109	-\$	542,891	\$	469,130	
8	1915	Office Furniture & Equipment (10 years)	\$	351,420	\$	1,617	-\$	19,923	\$	333,113	-\$	156,527	-\$	32,662	\$	19,923	-\$	169,266	\$	163,848	
8	1915	Office Furniture & Equipment (5 years)	\$	-	\$	-			\$	-	\$						\$	-	\$	-	
10	1920	Computer Equipment - Hardware	\$	539,605	\$	69,710	-\$	207,285	\$	402,030	-\$	293,861	-\$	84,471	\$	207,285	-\$	171,046	\$	230,984	
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-	\$	-	
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
10		Transportation Equipment	\$	2,457,126	\$	512,447	\$	-	\$	2,969,573	-\$		-\$		\$	-	-\$	1,819,845	\$	1,149,728	
8	1935	Stores Equipment	\$	80,332	\$	-	-\$	14,126	\$	66,206	-\$	· · ·	-\$		\$	14,126	-\$	53,068	\$	13,137	
8	1940	Tools, Shop & Garage Equipment	\$	236,014	\$	45,085	-\$	29,594	\$	251,505	-\$		-\$	/	\$	29,594	-\$	118,682	\$	132,823	
8	1945	Measurement & Testing Equipment	\$	100,320	\$	-	-\$	3,007	\$	97,313	-\$	58,958	-\$	9,602	\$	3,007	-\$	65,552	\$	31,760	
8	1950	Power Operated Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
8	1955	Communications Equipment	\$	-	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-	\$	-	
8	1955	Communication Equipment (Smart Meters)	\$	-	\$	-	\$	-	\$	-	\$	; _	\$	_	\$	-	\$	-	\$	-	
8	1960	Miscellaneous Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
47	1970	Load Management Controls Customer Premises	\$	-	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	_	

47	1975	Load Management Controls Utility Premises	\$	-	\$	-	\$	-	\$	-	4	; -	\$	-	\$ -	\$	-	\$	-
47	1980	System Supervisor Equipment	\$	429,269	\$	-	-\$	147,541	\$	281,729	-5	311,009	-\$	20,048	\$ 147,541	-\$	183,516	\$	98,213
47	1985	Miscellaneous Fixed Assets	\$	0	\$	-	\$	-	\$	0	, ,	-	\$	-	\$ -	\$	-	\$	0
47	1990	Other Tangible Property	\$	-	\$	-	\$	-	\$	-	, ,	-	\$	-	\$ -	\$	-	\$	-
47	1995	Contributions & Grants	-\$	20,286,814	-\$	4,906,871	\$	-	-\$	25,193,685		5,411,562	\$	860,460	\$ -	\$	6,272,022	-\$	18,921,663
47	2440	Deferred Revenue <sup>5</sup>	\$	-	\$	-	\$	-	\$	-	5	; -			\$ -	\$	-	\$	-
			\$	-	\$	-	\$	-	\$	-		; -	\$	-	\$ -	\$	-	\$	-
		Sub-Total	\$	99,156,983	\$	6,334,838	-\$	2,284,079	\$	103,207,741	-\$	47,531,257	-\$	4,424,687	\$ 868,332	-\$	51,087,612	\$	52,120,129
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-						\$	-	\$	-
		Total PP&E	\$	99,156,983	\$	6,334,838	-\$	2,284,079	\$	103,207,741	4	6 47,531,257	-\$	4,424,687	\$ 868,332	-\$	51,087,612	\$	52,120,129
		Depreciation Expense adj. from gain	orl	oss on the re	tiren	nent of assets	s (po	ool of like ass	ets	), if applicable <sup>6</sup>	6								
		Total											-\$	4,424,687					

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation		
Transportation		
Stores Equipment		
Net Depreciation	-\$	4,424,687

#### Notes:

- 1 Tables in the format outlined above covering all fixed asset accounts should be submitted for the Test Year, Bridge Year and all relevant historical years. At a minimum, the applicant must provide data for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.
- 2 The "CCA Class" for fixed assets should agree with the CCA Class used for tax purposes in Tax Returns. Fixed Assets sub-components may be used where the underlying asset components are classified under multiple CCA Classes for tax purposes. If an applicant uses any different classes from those shown in the table, an explanation should be provided. (also see note 3).
- 3 The table may need to be customized for a utility's asset categories or for any new asset accounts announced or authorized by the Board.
- 4 The additions in column (E) must not include construction work in progress (CWIP).
- 5 Effective on the date of IFRS adoption, customer contributions will no longer be recorded in Account 1995 Contributions & Grants, but will be recorded in Account 2440, Deferred Revenues.
- 6 Where a distributor for general financial reporting purposes under IFRS has accounted for the amount of gain or loss on the retirement of assets in a pool of like assets as a charge or credit to income, for reporting and rate application filings, the distributor shall reclassify such gains and losses as depreciation expense, and disclose the amount separately.

## Appendix 2-BA

## Fixed Asset Continuity Schedule <sup>1</sup>

CGAAP Revised CGAAP with change in asset useful lives

Accounting Standard

Year 2012

			Cost																	
CCA Class <sup>2</sup>	OEB Account 3	Description <sup>3</sup>		Opening Balance	Additions <sup>4</sup>		Disposals			osing Balance		Opening Balance		Additions	Disposals		Clo	sing Balance	Net	Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$	1,136,391	\$	136,843	-\$	388,690	\$	884,545	-\$	544,507	-\$	215,731	\$	388,690	-\$	371,548	\$	512,997
CEC	1612	Land Rights (Formally known as Account 1906)	\$	510,698	\$	-	\$	-	\$	510,698	-\$	84,097	-\$	16,350	\$	-	-\$	100,447	\$	410,251
N/A	1805	Land	\$	3,139,180	\$	1,836,821	-\$	1,366,610	\$	3,609,391	\$	-	\$	-	\$	-	\$	-	\$	3,609,391
47	1808	Buildings	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
13	1810	Leasehold Improvements	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	8,558,910	\$	18,735	\$	-	\$	8,577,645	-\$	4,529,644	-\$	161,341	\$	-	-\$	4,690,985	\$	3,886,660
47	1825	Storage Battery Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	14,368,216	\$	3,273,144	\$	-	\$	17,641,360	-\$	6,751,285	-\$	215,423	\$	-	-\$	6,966,708	\$	10,674,652
47	1835	Overhead Conductors & Devices	\$	16,377,557	\$	1,770,398	\$	-	\$	18,147,955	-\$	8,036,059	-\$	222,906	\$	-	-\$	8,258,965	\$	9,888,990
47	1840	Underground Conduit	\$	8,594,839	\$	285,515	\$	-	\$	8,880,354	-\$	3,998,650	-\$	146,547	\$	-	-\$	4,145,197	\$	4,735,157
47	1845	Underground Conductors & Devices	\$	24,704,690	\$	1,003,796	\$	-	\$	25,708,485	-\$	12,876,028	-\$	425,829	\$	-	-\$	13,301,856	\$	12,406,629
47	1850	Line Transformers	\$	17,161,916	\$	1,024,433	\$	-	\$	18,186,349	-\$	8,028,348	-\$	356,960	\$	-	-\$	8,385,308	\$	9,801,041
47	1855	Services (Overhead & Underground)	\$	8,757,744	\$	869,100	\$	-	\$	9,626,844	-\$	1,827,774	-\$	160,383	\$	-	-\$	1,988,157	\$	7,638,687
47	1860	Meters	\$	3,780,335	\$	12,557	-\$	11,594	\$	3,781,298	-\$	1,711,758	-\$	127,980	\$	6,857	-\$	1,832,881	\$	1,948,417
47	1860	Meters (Smart Meters)	\$	6,933,229	\$	284,679	-\$	66,600	\$	7,151,308	-\$	1,522,216	-\$	469,708	\$	22,200	-\$	1,969,723	\$	5,181,585
N/A	1905	Land	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1908	Buildings & Fixtures	\$	277,610	\$	4,095	\$	-	\$	281,705	-\$	70,687	-\$	8,370	\$	-	-\$	79,057	\$	202,648
13	1910	Leasehold Improvements	\$	948,396	\$	92,734	-\$	29,109	\$	1,012,021	-\$	377,465	-\$	144,781	\$	29,109	-\$	493,137	\$	518,884
8	1915	Office Furniture & Equipment (10 years)	\$	351,420	\$	1,617	-\$	19,923	\$	333,113	-\$	156,527	-\$	32,954	\$	19,924	-\$	169,557	\$	163,556
8	1915	Office Furniture & Equipment (5 years)	Ş	-	\$	-			\$	-	\$	-					\$	-	\$	-
10	1920	Computer Equipment - Hardware	\$	539,605	\$	69,710	-\$	207,285	\$	402,030	-\$	293,861	-\$	84,471	\$	207,285	-\$	171,046	\$	230,984
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
10	1930	Transportation Equipment	\$	2,457,126	\$	512,447	\$	-	\$	2,969,573	-\$	1,576,976	-\$	183,556	\$	-	-\$	1,760,532	\$	1,209,041
8	1935	Stores Equipment	\$	80,332	\$	-	-\$	14,126	\$	66,206	-\$	61,132	-\$	6,063	\$	14,126	-\$	53,068	\$	13,137
8	1940	Tools, Shop & Garage Equipment	\$	236,014	\$	45,085	-\$	29,594	\$	251,505	-\$		-\$	22,435	\$	29,594	-\$	118,682	\$	132,823
8	1945	Measurement & Testing Equipment	\$	100,320	\$	-	-\$	3,007	\$	97,313	-\$	58,958	-\$	9,602	\$	3,007	-\$	65,552	\$	31,760
8	1950	Power Operated Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communications Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-	\$	-	\$	-	\$	_	\$	-	\$	-	\$	-	\$	-	\$	-

47	1975	Load Management Controls Utility Premises	\$	-	\$	-	\$	-	\$	-		\$-	\$	-	\$ -	\$	-	\$	-
47	1980	System Supervisor Equipment	\$	429,269	\$	-	-\$	147,541	\$	281,729	-	\$ 311,009	-\$	20,048	\$ 147,541	-\$	183,516	\$	98,213
47	1985	Miscellaneous Fixed Assets	\$	0	\$	-	\$	-	\$	0		\$-	\$	-	\$ -	\$	-	\$	0
47	1990	Other Tangible Property	\$	-	\$	-	\$	-	\$	-		\$-	\$	-	\$ -	\$	-	\$	-
47	1995	Contributions & Grants	-\$	20,286,814	-\$	4,906,871	\$	-	-\$	25,193,685		\$ 5,411,562	\$	369,717	\$ -	\$	5,781,279	-\$	19,412,406
47	2440	Deferred Revenue <sup>5</sup>	\$	-	\$	-	\$	-	\$	-		\$-			\$ -	\$	-	\$	-
			\$	-	\$	-	\$	-	\$	-		\$-	\$	-	\$ -	\$	-	\$	-
		Sub-Total	\$	99,156,983	\$	6,334,838	-\$	2,284,079	\$	103,207,741	-	\$ 47,531,257	-\$	2,661,719	\$ 868,333	-\$	49,324,643	\$	53,883,098
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-						\$	-	\$	-
		Total PP&E	\$	99,156,983	\$	6,334,838	-\$	2,284,079	\$	103,207,741	ľ	\$ 47,531,257	-\$	2,661,719	\$ 868,333	\$	49,324,643	\$	53,883,098
		Depreciation Expense adj. from gain	or I	oss on the re	tiren	nent of asset	s (p	ool of like ass	ets	), if applicable <sup>6</sup>	6								
		Total											-\$	2,661,719					

10	Transportation
8	Stores Equipment

Transportation Stores Equipment

Net Depreciation

-\$ 2,661,719

# Appendix 2-BA Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard CGAAP

Year 2013

						Co	ost						Ac	ccumulated Dep	prec	iation				
CCA Class <sup>2</sup>		Description <sup>3</sup>		Opening Balance	А	dditions <sup>4</sup>		Disposals	Clo	sing Balance		Opening Balance		Additions	_	Disposals	Clos	ing Balance	Net	Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$	884,545	\$	239,580	\$	-	\$	1,124,124	_ç	371,548	-\$	216,045	\$	-	-\$	587,593	\$	536,532
CEC	1612	Land Rights (Formally known as Account 1906)	\$	510,698	\$	6,475	\$	-	\$	517,173	-\$	5 100,447	-\$	16,368	\$	-	-\$	116,816	\$	400,357
N/A	1805	Land	\$	3,609,391	\$	608,753	\$	-	\$	4,218,144	ç	-	\$	-	\$	-	\$	-	\$	4,218,144
47	1808	Buildings	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
13	1810	Leasehold Improvements	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$	-	\$	-	\$	_	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
47		Distribution Station Equipment <50 kV	\$	8,577,645	\$	22,372	\$	-	\$	8,600,017	-ç		-\$		\$	-	-\$	5,118,582	\$	3,481,435
47	1825	Storage Battery Equipment	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	17,641,360	\$	1,582,040	\$	-	\$	19,223,400	-\$	7,365,329	-\$	774,496	\$		-\$	8,139,825	\$	11,093,575
47	1835	Overhead Conductors & Devices	\$	18,147,955	\$	1,500,753	\$	-	\$	19,648,708	-\$	8,698,552	-\$	618,589	\$	-	-\$	9,317,141	\$	10,331,567
47	1840	Underground Conduit	\$	8,880,354	\$	710,249	\$	-	\$	9,590,603	-\$	4,241,606	-\$	406,069	\$	-	-\$	4,647,674	\$	4,942,929
47	1845	Underground Conductors & Devices	\$	25,708,485	\$	975,290	\$	-	\$	26,683,775	-Ç	5 13,894,239	-\$	882,704	\$	-	-\$	14,786,942	\$	11,896,832
47	1850	Line Transformers	\$	18,186,349	\$	867,148	\$	-	\$	19,053,497	-\$	8,688,635	-\$	669,800	\$	-	-\$	9,358,435	\$	9,695,062
47	1855	Services (Overhead & Underground)	\$	9,626,844	\$	764,986	\$	-	\$	10,391,830	-\$	2,190,895	-\$	383,508	\$	-	-\$	2,574,403	\$	7,817,428
47	1860	Meters	\$	3,781,298	\$	62,536	\$	-	\$	3,843,834	-\$	1,828,211	-\$	141,398	\$	-	-\$	1,969,609	\$	1,874,225
47	1860	Meters (Smart Meters)	\$	7,151,308	\$	306,541	-\$	201,922	\$	7,255,927	-\$	1,952,582	-\$	470,702	\$	78,259	-\$	2,345,025	\$	4,910,902
N/A	1905	Land	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
47	1908	Buildings & Fixtures	\$	281,705	\$	9,825	\$	-	\$	291,530	-\$	5 79,057	-\$	8,597	\$	-	-\$	87,654	\$	203,876
13	1910	Leasehold Improvements	\$	1,012,021	\$	83,020	\$	-	\$	1,095,041	-\$	542,891	-\$	192,439	\$	-	-\$	735,329	\$	359,712
8	1915	Office Furniture & Equipment (10 years)	\$	333,113	\$	10,921	\$	_	\$	344,035	_ç	169,266	-\$	33,027	\$	-	-\$	202,292	\$	141,743
8	1915	Office Furniture & Equipment (5 years)	Ş	-	\$	-	\$	-	\$	-	ç				\$	-	\$	-	\$	-
10	1920	Computer Equipment - Hardware	\$	402,030	\$	72,199	\$	-	\$	474,229	-\$	5 171,046	-\$	77,379	\$	-	-\$	248,425	\$	225,804
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-	\$	-	\$	-	\$	-	ç		\$		\$	-	\$	-	\$	-
10	1930	Transportation Equipment	\$	2,969,573	\$	56,228	-\$	-,	\$	2,946,004	-\$		-\$	,	\$	79,798	-\$	1,995,405	\$	950,599
8	1935	Stores Equipment	\$	66,206	\$	29,587	\$		\$	95,793	-\$	,	-\$	,	\$	-	-\$	60,401	\$	35,391
8		Tools, Shop & Garage Equipment	\$	251,505	\$	15,101	\$	-	\$	266,606	-Ç	,	-\$	,	\$	-	-\$	,	\$	123,878
8	1945	Measurement & Testing Equipment	\$	97,313	\$	-	\$	-	\$	97,313	-\$	,	-\$	-,	\$	-	-\$	75,183	\$	22,129
8		Power Operated Equipment	\$	-	\$	-	\$	-	\$	-	ç		\$		\$	-	\$	-	\$	-
8	1955	Communications Equipment	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-	\$	-	\$	-	\$	-	ç		\$		\$	-	\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-	\$	-	\$	-	\$	-	ç	-	\$	-	\$	-	\$	-	\$	-

47	1975	Load Management Controls Utility Premises	\$	-	\$	-	\$	-	\$	-		\$ -	\$	-	\$ -	\$	-	\$	-
47	1980	System Supervisor Equipment	\$	281,729	\$	-	\$	-	\$	281,729	-	\$ 183,516	-\$	18,782	\$ -	-\$	202,298	\$	79,431
47	1985	Miscellaneous Fixed Assets	\$	0	\$	-	\$	-	\$	0		\$ -	\$	-	\$ -	\$	-	\$	0
47	1990	Other Tangible Property	\$	-	\$	-	\$	-	\$	-		\$ -	\$	-	\$ -	\$	-	\$	-
47	1995	Contributions & Grants	-\$	25,193,685	-\$	3,304,990	\$	-	-\$	28,498,675		\$ 6,272,022	\$	1,050,135	\$ -	\$	7,322,156	-\$	21,176,518
47	2440	Deferred Revenue <sup>5</sup>	\$	-			\$	-	\$	-		\$ -			\$ -				
			\$	-	\$	-	\$	-	\$	-		\$ -	\$	-	\$ -	\$	-	\$	-
		Sub-Total	\$	103,207,741	\$	4,618,614	-\$	281,720	\$	107,544,636	-	51,087,612	-\$	4,450,049	\$ 158,057	-\$	55,389,604	\$	52,165,032
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-						\$	-	\$	_
		Total PP&E	\$	103,207,741	\$	4,618,614	-\$	281,720	\$	107,544,636	-	51,087,612	-\$	4,450,049	\$ 158,057	\$	55,389,604	\$	52,165,032
		Depreciation Expense adj. from gain	or	loss on the re	tiren	nent of asset	s (p	ool of like ass	ets	), if applicable	6								
		Total											-\$	4,450,049					

1	10	Transportation
	8	Stores Equipment

Transportation Stores Equipment

Net Depreciation

-\$ 4,450,049

# Appendix 2-BA

# Fixed Asset Continuity Schedule <sup>1</sup>

Revised CGAAP with change in asset useful lives

Accounting Standard

Year 2013

CGAAP

					Co	ost				Γ		Ac	cumulated Dep	prec	iation				
CCA Class <sup>2</sup>		Description <sup>3</sup>	Opening Balance	A	dditions <sup>4</sup>		Disposals	Clo	sing Balance		Opening Balance		Additions		Disposals	Clos	sing Balance	Net	Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$ 884,545	\$	239,580	\$	-	\$	1,124,124	-\$	371,548	-\$	217,678	\$	-	-\$	589,226	\$	534,899
CEC	1612	Land Rights (Formally known as Account 1906)	\$ 510,698	\$	6,475	\$	-	\$	517,173	-\$		-\$	16,368	\$	-	-\$	116,816	\$	400,357
N/A	1805	Land	\$ 3,609,391	\$	608,752	\$	-	\$	4,218,143	\$	-	\$	-	\$	-	\$	-	\$	4,218,143
47	1808	Buildings	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
13	1810	Leasehold Improvements	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$ 8,577,645	\$	22,372	\$	-	\$	8,600,017	-\$	4,690,985	-\$	154,454	\$	-	-\$	4,845,439	\$	3,754,578
47	1825	Storage Battery Equipment	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$ 17,641,360	\$	1,424,246	\$	-	\$	19,065,606	-\$	6,966,708	-\$	262,427	\$	-	-\$	7,229,136	\$	11,836,470
47	1835	Overhead Conductors & Devices	\$ 18,147,955	\$	1,366,846	\$	-	\$	19,514,801	-\$	8,258,965	-\$	256,672	\$	-	-\$	8,515,637	\$	10,999,164
47	1840	Underground Conduit	\$ 8,880,354	\$	696,750	\$	-	\$	9,577,104	-\$	4,145,197	-\$	48,108	\$	-	-\$	4,193,305	\$	5,383,799
47	1845	Underground Conductors & Devices	\$ 25,708,485	\$	946,644	\$	-	\$	26,655,129	-\$	13,301,856	-\$	498,485	\$	-	-\$	13,800,341	\$	12,854,788
47	1850	Line Transformers	\$ 18,186,349	\$	862,366	\$	-	\$	19,048,715	-\$	8,385,308	-\$	382,115	\$	-	-\$	8,767,423	\$	10,281,292
47	1855	Services (Overhead & Underground)	\$ 9,626,844	\$	756,200	\$	-	\$	10,383,044	-\$	1,988,157	-\$	176,237	\$	-	-\$	2,164,394	\$	8,218,650
47	1860	Meters	\$ 3,781,298	\$	62,536	\$	-	\$	3,843,834	-\$	1,832,881	-\$	129,619	\$	-	-\$	1,962,500	\$	1,881,334
47	1860	Meters (Smart Meters)	\$ 7,151,308	\$	306,541	-\$	201,922	\$	7,255,927	-\$	1,969,723	-\$	492,083	\$	78,259	-\$	2,383,547	\$	4,872,380
N/A	1905	Land	\$ -	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	-
47	1908	Buildings & Fixtures	\$ 281,705	\$	9,825	\$	-	\$	291,530	-\$	79,057	-\$	8,597	\$	-	-\$	87,654	\$	203,876
13	1910	Leasehold Improvements	\$ 1,012,021	\$	83,020	\$	-	\$	1,095,041	-\$	493,137	-\$	163,036	\$	-	-\$	656,173	\$	438,868
8	1915	Office Furniture & Equipment (10 years)	\$ 333,113	\$	10,921	\$	-	\$	344,035	-\$	169,557	-\$	32,768	\$	_	-\$	202,326	\$	141,709
8	1915	Office Furniture & Equipment (5 years)	\$ -	\$	-	\$	-	\$	-	\$				\$	-	\$	-	\$	-
10	1920	Computer Equipment - Hardware	\$ 402,030	\$	72,199	\$	-	\$	474,229	-\$	171,046	-\$	77,379	\$	-	-\$	248,425	\$	225,804
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$ -	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$ -	\$	-	\$	-	\$	-	\$	; -	\$	-	\$	-	\$	-	\$	-
10	1930	Transportation Equipment	\$ 2,969,573	\$	56,228	-\$	79,798	\$	2,946,004	-\$	1,760,532	-\$	238,224	\$	79,798	-\$	1,918,958	\$	1,027,045
8	1935	Stores Equipment	\$ 66,206	\$	29,587	\$	-	\$	95,793	-\$	53,068	-\$	6,802	\$	-	-\$	59,871	\$	35,922
8	1940	Tools, Shop & Garage Equipment	\$ 251,505	\$	15,101	\$	-	\$	266,606	-\$	118,682	-\$	23,909	\$	-	-\$	142,591	\$	124,015
8	1945	Measurement & Testing Equipment	\$ 97,313	\$	-	\$	-	\$	97,313	-\$	65,552	-\$	9,400	\$	-	-\$	74,952	\$	22,360
8	1950	Power Operated Equipment	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communications Equipment	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
8	1960	Miscellaneous Equipment	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$ -	\$	-	\$	_	\$	-	\$	-	\$	_	\$	-	\$	-	\$	-

47	1975	Load Management Controls Utility Premises	\$	-	\$	-	\$	-	\$	-		\$-	\$	-	\$ -	\$	-	\$	-
47	1980	System Supervisor Equipment	\$	281,729	\$	-	\$	-	\$	281,729	-	\$ 183,516	-\$	17,822	\$ -	-\$	201,338	\$	80,391
47	1985	Miscellaneous Fixed Assets	\$	0	\$	-	\$	-	\$	0	Γ	\$-	\$	-	\$ -	\$	-	\$	0
47	1990	Other Tangible Property	\$	-	\$	-	\$	-	\$	-		\$-	\$	-	\$ -	\$	-	\$	-
47	1995	Contributions & Grants	-\$	25,193,685	-\$	3,304,990	\$		-\$	28,498,675		\$ 5,781,279	\$	466,887	\$ -	\$	6,248,166	-\$	22,250,509
47	2440	Deferred Revenue <sup>5</sup>	\$	-			\$	-	\$	-		\$-			\$ -				
			\$	-	\$	-	\$	-	\$	-		\$-	\$	-	\$ -	\$	-	\$	-
		Sub-Total	\$	103,207,741	\$	4,271,199	-\$	281,720	\$	107,197,220	-	\$ 49,324,643	-\$	2,745,298	\$ 158,057	-\$	51,911,884	\$	55,285,337
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-						\$	-	\$	-
		Total PP&E	\$	103,207,741	\$	4,271,199	-\$	281,720	\$	107,197,220	-	\$ 49,324,643	-\$	2,745,298	\$ 158,057	\$	51,911,884	\$	55,285,337
		Depreciation Expense adj. from gain	or I	oss on the re	tiren	nent of assets	s (p	ool of like asse	ets	), if applicable	6								
		Total											-\$	2,745,298					

10	Transportation
8	Stores Equipment

Transportation Stores Equipment Net Depreciation

-\$ 2,745,298

# Appendix 2-BA Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard CGAAP

Year 2014

						Co	ost						Ac	cumulated De	preciation			1	
CCA Class <sup>2</sup>		Description <sup>3</sup>		Opening Balance	А	Additions <sup>4</sup>	D	isposals	Clo	sing Balance		Opening Balance		Additions	Disposals	C	losing Balance	Net	Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$	1,124,124	\$	13,291			\$	1,137,416	-\$	587,593	-\$	223,367		-\$	810,959	\$	326,456
CEC	1612	Land Rights (Formally known as Account 1906)	\$	517,173					\$	517,173	-\$	,	-\$	15,729		-\$	,	\$	384,628
N/A	1805	Land	\$	4,218,144	\$	123,214			\$	4,341,358	\$	-				\$	-	\$	4,341,358
47	1808	Buildings	\$	-					\$	-	\$	-				\$	-	\$	-
13	1810	Leasehold Improvements	\$	-					\$	-	\$	-				\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$	-					\$	-	\$	-				\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	8,600,017	\$	21,370			\$	8,621,387	-\$	5,118,582	-\$	347,307		-\$	5,465,889	\$	3,155,498
47	1825	Storage Battery Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	19,223,400	\$	622,764	-\$	364,931	\$	19,481,233	-\$	8,139,825		,	\$ 364,9	31 -\$	8,528,778		10,962,455
47	1835	Overhead Conductors & Devices	\$	19,648,708	\$	1,084,072	-\$	450,889	\$	20,281,891	-\$	9,317,141	-\$	706,819	\$ 450,8	89 -\$	9,573,071	\$	10,708,820
47	1840	Underground Conduit	\$	9,590,603	\$	367,187	-\$	201,693	\$	9,756,097	-\$	4,647,674	-\$	528,837	\$ 201,6	93 -\$	4,974,818	\$	4,781,279
47	1845	Underground Conductors & Devices	\$	26,683,775	\$	523,897	-\$	637,472	\$	26,570,200	-\$	14,786,942	-\$	765,149	\$ 637,4	72 -\$	14,914,620	\$	11,655,581
47	1850	Line Transformers	\$	19,053,497	\$	549,135	-\$	754,639	\$	18,847,994	-\$	9,358,435	-\$	651,273	\$ 754,6	39 -\$	9,255,070	\$	9,592,924
47	1855	Services (Overhead & Underground)	\$	10,391,830	\$	330,919			\$	10,722,749	-\$	2,574,403	-\$	396,967		-\$	2,971,370		7,751,380
47	1860	Meters	\$	3,843,834	\$	45,307	-\$	466,082	\$	3,423,059	-\$	1,969,609	-\$	128,749	\$ 466,0	82 -\$	1,632,275	\$	1,790,783
47	1860	Meters (Smart Meters)	\$	7,255,927	\$	557,873	-\$	84,123	\$	7,729,678	-\$	2,345,025	-\$	503,863	\$ 35,8	70 -\$	2,813,019	\$	4,916,659
N/A	1905	Land	\$	-					\$	-	\$	-				\$	-	\$	-
47	1908	Buildings & Fixtures	\$	291,530	\$	5,618			\$	297,148	-\$	87,654	-\$	8,901		-\$	96,555	\$	200,593
13	1910	Leasehold Improvements	\$	1,095,041	\$	121,064	-\$	37,456	\$	1,178,649	-\$	735,329	-\$	180,193	\$ 37,4	56 -\$	878,066	\$	300,583
8	1915	Office Furniture & Equipment (10 years)	\$	344,035			-\$	95,619	\$	248,416	-\$	202,292	-\$	27,044	\$ 95,6	19 -\$	133,717	\$	114,699
8	1915	Office Furniture & Equipment (5 years)	Ş	-					\$	-	\$					\$		\$	-
10	1920	Computer Equipment - Hardware	\$	474,229	\$	95,429	-\$	87,221	\$	482,437	-\$	248,425	-\$	80,421	\$ 87,2	21 -\$	241,624	\$	240,813
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-					\$	-	\$	-				\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-					\$	-	\$	-				\$	-	\$	-
10	1930	Transportation Equipment	\$	2,946,004	\$	143,322	-\$	64,665	\$	3,024,661	-\$	, ,	-\$		\$ 64,6	65 -\$	2,103,653		921,008
8	1935	Stores Equipment	\$	95,793	\$	11,722			\$	107,515	-\$	60,401	-\$	9,104		-\$	69,505	\$	38,010
8	1940	Tools, Shop & Garage Equipment	\$	266,606	\$	35,025			\$	301,630	-\$	142,728	-\$	,		-\$	,	\$	134,720
8		Measurement & Testing Equipment	\$	97,313					\$	97,313	-\$	75,183	-\$	8,603		-\$	83,786	\$	13,527
8	1950	Power Operated Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
8	1955	Communications Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-					\$	-	\$	-				\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-					\$	-	\$	-				\$	-	\$	-

47	1975	Load Management Controls Utility Premises	\$	-					\$	-	ſ	\$-				\$	-	\$	-
47	1980	System Supervisor Equipment	\$	281,729					\$	281,729		\$ 202,298	-\$	25,532		-\$	227,830	\$	53,899
47	1985	Miscellaneous Fixed Assets	\$	0					\$	0		\$-				\$	-	\$	0
47	1990	Other Tangible Property	\$	-					\$	-	[	\$-				\$	-	\$	-
47	1995	Contributions & Grants	-\$	28,498,675	-\$	1,821,746			-\$	30,320,421	[	\$ 7,322,156	\$	1,154,804		\$	8,476,960	-\$	21,843,460
47	2440	Deferred Revenue <sup>5</sup>	\$	-					\$	-	[	\$-							
			\$	-					\$	-		\$-				\$	-	\$	-
		Sub-Total	\$ 1	07,544,636	\$	2,829,465	-\$	3,244,788	\$	107,129,312		\$ 55,389,604	-\$	4,404,032	\$ 3,196,535	-\$	56,597,101	\$	50,542,211
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-						\$	-	\$	-
		Total PP&E	\$ 1	07,544,636	\$	2,829,465	-\$	3,244,788	\$	107,129,312		\$ 55,389,604	-\$	4,404,032	\$ 3,196,535	-\$	56,597,101	\$	50,542,211
		Depreciation Expense adj. from gain	or lo	ss on the re	tirem	nent of assets	s (p	oool of like asse	ets	), if applicable	6								
		Total											-\$	4,404,032					

1	10	Transportation
	8	Stores Equipment

Transportation Stores Equipment

Net Depreciation

-\$ 4,404,032

# Appendix 2-BA

# Fixed Asset Continuity Schedule <sup>1</sup>

CGAAP Revised CGAAP with change in asset useful lives

Accounting Standard

Year 2014

						Co	ost				Γ		Ac	cumulated De	prec	iation				
CCA Class <sup>2</sup>		Description <sup>3</sup>		Opening Balance	А	dditions <sup>4</sup>	D	isposals	Clo	sing Balance		Opening Balance		Additions		Disposals	Clos	sing Balance	Net	Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$	1,124,124	\$	13,291			\$	1,137,416	-\$	589,226	-\$	223,367			-\$	812,592	\$	324,823
CEC	1612	Land Rights (Formally known as Account 1906)	\$	517,173					\$	517,173	-Ş	116,816	-\$	15,729			-\$	132,545	\$	384,628
N/A	1805	Land	\$	4,218,143	\$	123,214			\$	4,341,357	Ş	-					\$	-	\$	4,341,357
47	1808	Buildings	\$	-					\$	-	Ş	-					\$	-	\$	-
13	1810	Leasehold Improvements	\$	-					\$	-	Ş	-					\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$	-					\$	-	ç						\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	8,600,017	\$	21,370			\$	8,621,387	-\$	4,845,439	-\$	158,842			-\$	5,004,281	\$	3,617,105
47	1825	Storage Battery Equipment	\$	-					\$	-	Ş	-					\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	19,065,606	\$			364,931	\$	19,320,591	-Ş	5 7,229,136		,	\$	364,931	-\$	7,155,862	\$	12,164,729
47	1835	Overhead Conductors & Devices	\$	19,514,801	\$	1,078,406	-\$	450,889	\$	20,142,318	-Ş	8,515,637	-\$	272,220	\$	450,889	-\$	8,336,968	\$	11,805,350
47	1840	Underground Conduit	\$	9,577,104	\$	364,921	-\$	201,693	\$	9,740,332	-Ş	4,193,305	-\$	181,070	\$	201,693	-\$	4,172,682	\$	5,567,650
47	1845	Underground Conductors & Devices	\$	26,655,129	\$	518,225	-\$	637,472		26,535,882	-Ş	5 13,800,341	-\$	438,097	\$	637,472	-\$	13,600,966	\$	12,934,916
47	1850	Line Transformers	\$	19,048,715	\$	544,441	-\$	754,639	\$	18,838,518	-Ş	8,767,423	-\$	406,216	\$	754,639	-\$	8,418,999	\$	10,419,518
47	1855	Services (Overhead & Underground)	\$	10,383,044	\$	329,117			\$	10,712,161	-Ş	5 2,164,394	-\$	186,262			-\$	2,350,656	\$	8,361,505
47	1860	Meters	\$	3,843,834	\$	41,149	-\$	466,082	\$	3,418,901	-\$	1,962,500	-\$	128,749	\$	466,082	-\$	1,625,167	\$	1,793,734
47	1860	Meters (Smart Meters)	\$	7,255,927	\$	530,182	-\$	84,123	\$	7,701,987	-\$	2,383,547	-\$	503,863	\$	35,870	-\$	2,851,541	\$	4,850,446
N/A	1905	Land	\$	-					\$	-	Ş	-					\$	-	\$	-
47	1908	Buildings & Fixtures	\$	291,530	\$	5,618			\$	297,148	-\$	87,654	-\$	- /			-\$	96,555	\$	200,593
13	1910	Leasehold Improvements	\$	1,095,041	\$	121,064	-\$	37,456	\$	1,178,649	-Ş	656,173	-\$	180,193	\$	37,456	-\$	798,910	\$	379,739
8	1915	Office Furniture & Equipment (10 years)	\$	344,035			-\$	95,619	\$	248,416	-ç	202,326	-\$	27,044	\$	95,619	-\$	133,751	\$	114,665
8	1915	Office Furniture & Equipment (5 years)	Ş	-					\$	-	ç						\$	-	\$	-
10	1920	Computer Equipment - Hardware	\$	474,229	\$	95,429	-\$	87,221	\$	482,437	-\$	248,425	-\$	80,421	\$	87,221	-\$	241,624	\$	240,813
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-					\$	-	ç						\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-					\$	-	ç						\$	-	\$	-
10	1930	Transportation Equipment	\$	2,946,004	\$	- / -	-\$	64,665	\$	3,024,661	-\$		-\$		\$	64,665	-\$		\$	937,294
8	1935	Stores Equipment	\$	95,793	\$	11,722			\$	107,515	-\$		-\$				-\$	68,974	\$	38,541
8	1940	Tools, Shop & Garage Equipment	\$	266,606	\$	35,025			\$	301,630	-\$	,	-\$	,			-\$	/	\$	134,857
8		Measurement & Testing Equipment	\$	97,313					\$	97,313	-\$	1	-\$	8,603			-\$	83,555	\$	13,757
8	1950	Power Operated Equipment	\$	-					\$	-	Ş						\$	-	\$	-
8		Communications Equipment	\$	-					\$	-	Ş	-					\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-					\$	-	ç						\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-					\$	-	Ş	-					\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-					\$	-	ç	- i					\$	-	\$	-

47	1975	Load Management Controls Utility Premises	\$ -					\$	-		\$ -				\$	-	\$	-
47	1980	System Supervisor Equipment	\$ 281,729					\$	281,729	-	\$ 201,338	-\$	17,822		-\$	219,159	\$	62,569
47	1985	Miscellaneous Fixed Assets	\$ 0					\$	0		\$-				\$	-	\$	0
47	1990	Other Tangible Property	\$-					\$	-		\$-				\$	-	\$	-
47	1995	Contributions & Grants	-\$ 28,498,675	-\$	1,821,746			-\$	30,320,421		\$ 6,248,166	\$	519,222		\$	6,767,388	-\$	23,553,033
47	2440	Deferred Revenue <sup>5</sup>	\$-					\$	-		\$-							
			\$-					\$	-		\$ -				\$	-	\$	-
		Sub-Total	\$ 107,197,220	\$	2,774,668	-\$	3,244,788	\$	106,727,099	-	51,911,884	-\$	2,876,194	\$ 3,196,535	-\$	51,591,542	\$	55,135,557
		Less Socialized Renewable Energy Generation Investments (input as negative)						\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)						\$	-						\$	-	\$	-
		Total PP&E	\$ 107,197,220	\$	2,774,668	-\$	3,244,788	\$	106,727,099	-	\$ 51,911,884	-\$	2,876,194	\$ 3,196,535	-\$	51,591,542	\$	55,135,557
		Depreciation Expense adj. from gain	or loss on the r	etire	ment of assets	s (p	ool of like asse	ets	), if applicable	6								
		Total										-\$	2,876,194					

1	10	Transportation
	8	Stores Equipment

Transportation Stores Equipment **Net Depreciation** 

-\$ 2,876,194

# Appendix 2-BA Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard CGAAP

Year 2015

					Co	ost						Ac	cumulated De	preciation			٦	
CCA Class <sup>2</sup>		Description <sup>3</sup>	Opening Balance	4	Additions <sup>4</sup>		Disposals	Clo	sing Balance		Opening Balance		Additions	Disposa	ls	Closing Balanc	e Ne	t Book Value
12		Computer Software (Formally known as Account 1925)	\$ 1,137,416	\$	66,235			\$	1,203,650	-\$	810,959	-\$	214,518			-\$ 1,025,477	\$	178,173
CEC	1612	Land Rights (Formally known as Account 1906)	\$ 517,173					\$	517,173	-\$	,	-\$	15,729			-\$ 148,274		368,899
N/A	1805	Land	\$ 4,341,358	\$	1,667,782	-\$	105,109	\$	5,904,032	\$	-					\$-	\$	5,904,032
47	1808	Buildings	\$ -					\$	-	\$	-					\$-	\$	-
13	1810	Leasehold Improvements	\$ -					\$	-	\$	-					\$-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$ -					\$	-	\$	-					\$-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$ 8,621,387	\$	8,217,609			\$	16,838,995	-\$	5,465,889	-\$	306,416			-\$ 5,772,305	\$	11,066,690
47	1825	Storage Battery Equipment	\$ -					\$	-	\$	-					\$-	\$	-
47	1830	Poles, Towers & Fixtures	\$ 19,481,233	\$	769,734			\$	20,250,967	-\$		-\$	,			-\$ 9,302,167	\$	10,948,800
47	1835	Overhead Conductors & Devices	\$ 20,281,891	\$	809,243			\$	21,091,134	-\$	9,573,071	-\$	735,151			-\$ 10,308,222	\$	10,782,911
47	1840	Underground Conduit	\$ 9,756,097	\$	410,140			\$	10,166,237	-\$	4,974,818	-\$	375,102			-\$ 5,349,920	\$	4,816,317
47	1845	Underground Conductors & Devices	\$ 26,570,200	\$	699,572			\$	27,269,773	-\$	5 14,914,620	-\$	920,079			-\$ 15,834,699	\$	11,435,074
47	1850	Line Transformers	\$ 18,847,994	\$	1,163,921			\$	20,011,915	-\$	9,255,070	-\$	706,782			-\$ 9,961,852	\$	10,050,063
47	1855	Services (Overhead & Underground)	\$ 10,722,749	\$	522,441			\$	11,245,191	-\$	2,971,370	-\$	431,399		·	-\$ 3,402,769	\$	7,842,422
47	1860	Meters	\$ 3,423,059	\$	79,212			\$	3,502,271	-\$	1,632,275	-\$	126,376			-\$ 1,758,652	\$	1,743,619
47	1860	Meters (Smart Meters)	\$ 7,729,678	\$	243,871	-\$	230,248	\$	7,743,301	-\$	2,813,019	-\$	516,731	\$ 47	,634	-\$ 3,282,116	\$	4,461,185
N/A	1905	Land	\$ -					\$	-	\$	-					\$-	\$	-
47	1908	Buildings & Fixtures	\$ 297,148					\$	297,148	-\$	96,555	-\$	9,084			-\$ 105,639	\$	191,509
13	1910	Leasehold Improvements	\$ 1,178,649	\$	129,821			\$	1,308,470	-\$	878,066	-\$	109,642			-\$ 987,709	\$	320,761
8	1915	Office Furniture & Equipment (10 years)	\$ 248,416	\$	598	-\$	341	\$	248,673	-\$	133,717	-\$	24,771	\$	341	-\$ 158,147	\$	90,526
8	1915	Office Furniture & Equipment (5 years)	\$ -					\$	-	\$						\$-	\$	-
10	1920	Computer Equipment - Hardware	\$ 482,437	\$	20,703			\$	503,139	-\$	241,624	-\$	89,101			-\$ 330,726	\$	172,414
45		Computer EquipHardware(Post Mar. 22/04)	\$ -					\$	-	\$	-					\$-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$ -					\$	-	\$						\$-	\$	-
10	1930	Transportation Equipment	\$ 3,024,661	\$	35,831	-\$	32,310	\$	3,028,182	-\$	2,103,653	-\$	257,460			-\$ 2,361,113	\$	667,070
8	1935	Stores Equipment	\$ 107,515	\$	973			\$	108,488	-\$	69,505	-\$	,			-\$ 74,592	\$	33,896
8	1940	Tools, Shop & Garage Equipment	\$ 301,630	\$	17,926	-\$	200	\$	319,357	-\$	166,911	-\$	23,771	\$	200	-\$ 190,482	\$	128,875
8	1945	Measurement & Testing Equipment	\$ 97,313	\$	996			\$	98,309	-\$	83,786	-\$	6,828			-\$ 90,614	\$	7,695
8	1950	Power Operated Equipment	\$ -					\$	-	\$	-					\$-	\$	-
8	1955	Communications Equipment	\$ -					\$	-	\$	; -					\$-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$ -					\$	-	\$	-					\$ -	\$	-
8	1960	Miscellaneous Equipment	\$ -					\$	-	\$	-					\$-	\$	-
47	1970	Load Management Controls Customer Premises	\$ _					\$	-	\$	-					\$-	\$	_

47	1975	Load Management Controls Utility Premises	\$	-				\$	-	Γ	\$-				\$	-	\$	-
47	1980	System Supervisor Equipment	\$ 281	729				\$	281,729	-	\$ 227,830	-\$	12,747		-\$	240,577	\$	41,152
47	1985	Miscellaneous Fixed Assets	\$	0				\$	0		\$-				\$	-	\$	0
47	1990	Other Tangible Property	\$	-				\$	-		\$-				\$	-	\$	-
47	1995	Contributions & Grants	-\$ 30,320,	421	-\$ 1,826,732	2		-\$	32,147,153		\$ 8,476,960	\$	1,244,746		\$	9,721,706	-\$	22,425,446
47	2440	Deferred Revenue <sup>5</sup>	\$	-				\$	-		\$-							
			\$	-				\$	-		\$-				\$	-	\$	-
		Sub-Total	\$ 107,129	312	\$ 13,029,875	; -\$	368,208	\$	119,790,979	-	\$ 56,597,101	-\$	4,415,418	\$ 48,175	-\$	60,964,343	\$	58,826,636
		Less Socialized Renewable Energy Generation Investments (input as negative)						\$	-						\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)						\$	-						\$	-	\$	-
		Total PP&E	\$ 107,129	312	\$ 13,029,875	; -\$	368,208	\$	119,790,979	-	\$ 56,597,101	-\$	4,415,418	\$ 48,175	-\$	60,964,343	\$	58,826,636
		Depreciation Expense adj. from gain	or loss on t	ne ret	tirement of asse	ts (	pool of like asse	ets	), if applicable	6								
		Total										-\$	4,415,418					

10	Transportation
8	Stores Equipment

Transportation Stores Equipment

Net Depreciation

-\$ 4,415,418

# Appendix 2-BA

# Fixed Asset Continuity Schedule <sup>1</sup>

CGAAP Revised CGAAP with change in asset useful lives

Accounting Standard

Year 2015

						C	ost						Accumulated De	preciation				1	
CCA Class <sup>2</sup>	OEB Account 3	Description <sup>3</sup>		Opening Balance	А	Additions <sup>4</sup>		Disposals	Clo	sing Balance		Opening Balance	Additions	Disposa	als	Clos	ing Balance	Net	: Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$	1,137,416	\$	66,235			\$	1,203,650	-\$	812,592	-\$ 214,518			-\$	1,027,110	\$	176,540
CEC		Land Rights (Formally known as Account 1906)	\$	517,173					\$	517,173	-\$	132,545	-\$ 15,729			-\$	148,274	\$	368,899
N/A	1805	Land	\$	4,341,357	\$	1,667,782	-\$	105,109	\$	5,904,031	\$	-				\$	-	\$	5,904,031
47		Buildings	\$	-					\$	-	\$	-				\$	-	\$	-
13		Leasehold Improvements	\$	-					\$	-	\$	-				\$	-	\$	-
47		Transformer Station Equipment >50 kV	\$	-					\$	-	\$	-				\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$	8,621,387	\$	8,217,609			\$	16,838,995	-\$	5,004,281	-\$ 176,764			-\$	5,181,045	\$	11,657,950
47		Storage Battery Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	19,320,591	\$	739,250			\$	20,059,841	-\$	7,155,862	-\$ 305,852			-\$	7,461,714	\$	12,598,126
47		Overhead Conductors & Devices	\$	20,142,318	\$	756,177			\$	20,898,496	-\$	8,336,968	-\$ 296,879			-\$	8,633,847	\$	12,264,649
47	1840	Underground Conduit	\$	9,740,332	\$	392,166			\$	10,132,498	-\$	4,172,682	-\$ 182,535			-\$	4,355,218	\$	5,777,280
47	1845	Underground Conductors & Devices	\$	26,535,882	\$	673,928			\$	27,209,809	-\$	13,600,966	-\$ 464,474			-\$	14,065,441	\$	13,144,369
47	1850	Line Transformers	\$	18,838,518	\$	1,137,041			\$	19,975,559	-\$	8,418,999	-\$ 432,210			-\$	8,851,209	\$	11,124,350
47	1855	Services (Overhead & Underground)	\$	10,712,161	\$	506,243			\$	11,218,404	-\$	2,350,656	-\$ 194,865			-\$	2,545,521	\$	8,672,883
47	1860	Meters	\$	3,418,901	\$	79,212			\$	3,498,113	-\$	1,625,167	-\$ 129,333			-\$	1,754,500	\$	1,743,613
47	1860	Meters (Smart Meters)	\$	7,701,987	\$	243,871	-\$	230,248	\$	7,715,610	-\$	2,851,541	-\$ 516,731	\$ 4	7,634	-\$	3,320,638	\$	4,394,971
N/A	1905	Land	\$	-					\$	-	\$	-				\$	-	\$	-
47	1908	Buildings & Fixtures	\$	297,148					\$	297,148	-\$	96,555	-\$ 9,084			-\$	105,639	\$	191,509
13	1910	Leasehold Improvements	\$	1,178,649	\$	129,821			\$	1,308,470	-\$	798,910	-\$ 186,357			-\$	985,267	\$	323,203
8	1915	Office Furniture & Equipment (10 years)	\$	248,416	\$	598	-\$	341	\$	248,673	-\$	133,751	-\$ 24,771	\$	341	-\$	158,180	\$	90,493
8		Office Furniture & Equipment (5 years)	Ş	-					\$	-	\$	-				\$	-	\$	-
10		Computer Equipment - Hardware	\$	482,437	\$	20,703			\$	503,139	-\$	241,624	-\$ 89,101			-\$	330,726	\$	172,414
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-					\$	-	\$	-				\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-					\$	-	\$	-				\$	-	\$	-
10		Transportation Equipment	\$	3,024,661	\$	35,831	-\$	32,310	\$	3,028,182	-\$	2,087,367	-\$ 178,356	\$ 32	2,310	-\$	2,233,413	\$	794,769
8		Stores Equipment	\$	107,515	\$	973			\$	108,488	-\$	68,974	-\$ 5,087			-\$	74,061	\$	34,427
8	1940	Tools, Shop & Garage Equipment	\$	301,630	\$	17,926	-\$	200	\$	319,357	-\$	166,774	-\$ 23,771	\$	200	-\$	190,345	\$	129,012
8		Measurement & Testing Equipment	\$	97,313	\$	996			\$	98,309	-\$	83,555	-\$ 6,828			-\$	90,383	\$	7,926
8		Power Operated Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
8		Communications Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-					\$	-	\$	-				\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-					\$	-	\$	-				\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-					\$	-	\$	-				\$	-	\$	-

47	1975	Load Management Controls Utility Premises	\$	-					\$	-	Γ	\$-				\$	-	\$	-
47	1980	System Supervisor Equipment	\$ 2	281,729					\$	281,729	-	\$ 219,159	-\$	12,747		-\$	231,906	\$	49,822
47	1985	Miscellaneous Fixed Assets	\$	0					\$	0		\$-				\$	-	\$	0
47	1990	Other Tangible Property	\$	-					\$	-		\$-				\$	-	\$	-
47	1995	Contributions & Grants	-\$ 30,3	320,421	-\$	1,826,732			-\$	32,147,153		\$ 6,767,388	\$	558,247		\$	7,325,635	-\$	24,821,517
47	2440	Deferred Revenue <sup>5</sup>	\$	-					\$	-		\$-							
			\$	-					\$	-		\$-				\$	-	\$	-
		Sub-Total	\$ 106,7	727,099	\$	12,859,628	-\$	368,208	\$	119,218,520	-	\$ 51,591,542	-\$	2,907,745	\$ 80,485	-\$	54,418,802	\$	64,799,717
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-		\$-				\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-		\$ -				\$	_	\$	-
		Total PP&E	\$ 106,7	727,099	\$	12,859,628	-\$	368,208	\$	119,218,520	-	\$ 51,591,542	-\$	2,907,745	\$ 80,485	-\$	54,418,802	\$	64,799,717
		Depreciation Expense adj. from gain	or loss o	on the ret	irem	nent of assets	s (po	ol of like asse	ets	), if applicable	6								
		Total											-\$	2,907,745					

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation	
Transportation	
Stores Equipment	
Net Depreciation	-\$

2,907,745

# Appendix 2-BA Fixed Asset Continuity Schedule <sup>1</sup>

#### Accounting Standard CGAAP Year

2016

					Co	ost						Ac	cumulated De	prec	ation				
CCA Class <sup>2</sup>	OEB Account 3	Description <sup>3</sup>	Opening Balance	4	Additions <sup>4</sup>	0	Disposals	Clo	sing Balance		Opening Balance		Additions		Disposals	Clo	sing Balance	Ne	t Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$ 1,203,650	\$	62,151	\$	-	\$	1,265,801	-\$	1,025,477	-\$	154,828	\$	-	-\$	1,180,305	\$	85,496
CEC	1612	Land Rights (Formally known as Account 1906)	\$ 517,173	\$	-	\$	-	\$	517,173	-\$	148,274	-\$	15,729	\$	-	-\$	164,004	\$	353,170
N/A	1805	Land	\$ 5,904,032	\$	105,732	-\$	465,591	\$	5,544,173	\$	-	\$	-	\$	-	\$	-	\$	5,544,173
47	1808	Buildings	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
13	1810	Leasehold Improvements	\$ -					\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$ -					\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$ 16,838,995	\$	98,298	\$	-	\$	16,937,294	-\$	5,772,305	-\$	537,648	\$	-	-\$	6,309,953	\$	10,627,341
47	1825	Storage Battery Equipment	\$ -					\$	-	\$	-			\$	-	\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$ 20,250,967	\$	5,267,334	\$	-	\$	25,518,302	-\$	9,302,167	-\$	531,650	\$	-	-\$	9,833,817	\$	15,684,485
47	1835	Overhead Conductors & Devices	\$ 21,091,134	\$	1,433,503	\$	-	\$	22,524,637	-\$	10,308,222	-\$	1,080,908	\$	-	-\$	11,389,130	\$	11,135,506
47	1840	Underground Conduit	\$ 10,166,237	\$	664,373	\$	-	\$	10,830,610	-\$	5,349,920	-\$	183,766	\$	-	-\$	5,533,686	\$	5,296,924
47	1845	Underground Conductors & Devices	\$ 27,269,773	\$	558,459	\$	-	\$	27,828,231	-\$	15,834,699	-\$	1,068,214	\$	-	-\$	16,902,912	\$	10,925,319
47	1850	Line Transformers	\$ 20,011,915	\$	530,989	\$	-	\$	20,542,904	-\$	9,961,852	-\$	695,135	\$	-	-\$	10,656,987	\$	9,885,917
47	1855	Services (Overhead & Underground)	\$ 11,245,191	\$	536,933	\$	-	\$	11,782,124	-\$	3,402,769	-\$	460,871	\$	-	-\$	3,863,640	\$	7,918,484

47	1860	Meters	Ś	3,502,271	Ś	18,600	Ś	-	Ś	3,520,871	-5	5 1,758,652	-\$	123,096	Ś	-	-\$	1,881,748	\$	1,639,123
47	1860	Meters (Smart Meters)	\$	7,743,301	\$	301,497	-\$		\$	7,954,225	-9		-\$	536,860	\$	50,422	-\$	3,768,555		4,185,670
N/A	1905	Land	\$	-			Ĺ		\$	-		1 1	\$	-	\$	-	\$	-	\$	-
47	1908	Buildings & Fixtures	\$	297,148			T		\$	297,148	-9	105,639	-\$	9,084	\$	-	-\$	114,722	\$	182,425
13	1910	Leasehold Improvements	\$	1,308,470	\$	19,316	T		\$	1,327,786	-9		-\$	91,030	\$	-	-\$	1,078,738		249,048
8	1915	Office Furniture & Equipment (10 years)	\$	248,673	\$	32,463			\$	281,136	-9	5 158,147	-\$	24,615	\$	-	-\$	182,762	\$	98,374
8	1915	Office Furniture & Equipment (5 years)	\$	-					\$	-	\$	5 -	\$	-	\$	-	\$	-	\$	-
10	1920	Computer Equipment - Hardware	\$	503,139	\$	35,799			\$	538,938	-5	330,726	-\$	80,607	\$	-	-\$	411,332	\$	127,606
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-					\$	-	4	-	\$	-	\$	-	\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-					\$	-	4	5 -	\$	-	\$	-	\$	-	\$	-
10	1930	Transportation Equipment	\$	3,028,182	\$	272,889			\$	3,301,071	-5	2,361,113	-\$	247,890	\$	-	-\$	2,609,002	\$	692,068
8	1935	Stores Equipment	\$	108,488					\$	108,488	-5	5 74,592	-\$	4,819	\$	-	-\$	79,410	\$	29,078
8	1940	Tools, Shop & Garage Equipment	\$	319,357	\$	11,656			\$	331,013	-5	5 190,482	-\$	24,402	\$	-	-\$	214,884	\$	116,128
8	1945	Measurement & Testing Equipment	\$	98,309					\$	98,309	-5	90,614	-\$	5,637	\$	-	-\$	96,251	\$	2,058
8	1950	Power Operated Equipment	\$	-					\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communications Equipment	\$	-					\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-					\$	-	4	-	\$	-	\$	-	\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-					\$	-		-	\$	-	\$	-	\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-					\$	-	ç	-	\$	-	\$	-	\$	-	\$	-
47	1975	Load Management Controls Utility Premises	\$	-					\$	-	ç	5 -	\$	-	\$	-	\$	-	\$	-
47	1980	System Supervisor Equipment	\$	281,729					\$	281,729	-5	\$ 240,577	-\$	12,457	\$	-	-\$	253,033	\$	28,695
47	1985	Miscellaneous Fixed Assets	\$	0					\$	0	\$	-	\$	-	\$	-	\$	-	\$	0
47	1990	Other Tangible Property	\$	-					\$	-		-	\$	-	\$	-	\$	-	\$	-
47	1995	Contributions & Grants	-\$	32,147,153	-\$	6,438,453			-\$	38,585,605		9,721,706	\$	1,331,235	\$	-	\$	11,052,942	-\$	27,532,663
47	2440	Deferred Revenue <sup>5</sup>	\$	-					\$	-	Ş	-	\$	-	\$	-	\$	-	\$	-
			\$	-					\$	-	Ş	-	\$	-			\$	-	\$	-
		Sub-Total	\$	119,790,979	\$	3,511,539	-\$	556,163	\$	122,746,355	-5	60,964,343	-\$	4,558,008	\$	50,422	-\$	65,471,930	\$	57,274,425
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-							\$	-	\$	-
		Less Other Non Rate-Regulated Utility Assets (input as negative)							\$	-							\$	-	\$	-
		Total PP&E	\$	119,790,979	\$	3,511,539	-\$	556,163	\$	122,746,355		60,964,343	-\$	4,558,008	\$	50,422	\$	65,471,930	\$	57,274,425
		Depreciation Expense adj. from gain	or I	oss on the re	tiren	nent of asset	s (	pool of like ass	ets	s), if applicable	6									
		Total											-\$	4,558,008						

10	Transportation
8	Stores Equipment

Transportation Stores Equipment **Net Depreciation** 

-\$ 4,558,008

Appendix 2-BA

# Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard CGAAP Revised CGAAP with change in asset useful lives Year 2016

						Co	ost	t					Ac	cumulated De	preciation				
CCA	OEB Account			Onening								Onening							
Class <sup>2</sup>	3	Description <sup>3</sup>		Opening Balance	A	dditions <sup>4</sup>		Disposals	Clo	osing Balance		Opening Balance		Additions	Disposals	Clos	sing Balance	Net	Book Value
12	1011	Computer Software (Formally known as Account 1925)	\$	1,203,650	\$	62,151	\$	-	\$	1,265,801	-	\$ 1,027,110	-\$	154,828		-\$	1,181,938	\$	83,863
CEC		Land Rights (Formally known as Account 1906)	\$	517,173	\$	-	\$	-	\$	517,173	-	\$ 148,274	-\$	15,729		-\$	164,004	\$	353,170
N/A		Land	\$	5,904,031	\$	105,732	-\$	,	\$	5,544,172		\$ -	\$	-		\$	-	\$	5,544,172
47		Buildings	\$	-	\$	-	\$	-	\$	-	_	\$-	\$	-		\$	-	\$	-
13	1810	Leasehold Improvements	\$	-					\$	-	_	\$-	\$	-		\$	-	\$	-
47	1815	Transformer Station Equipment >50 kV	\$	-					\$	-		\$-	\$	-		\$	-	\$	-
47		Distribution Station Equipment <50 kV	\$	16,838,995	\$	98,298	\$	-	\$	16,937,294	_	\$ 5,181,045	-\$	365,464		-\$	5,546,509	\$	11,390,785
47		Storage Battery Equipment	\$	-					\$	-	_	\$-	\$	-		\$	-	\$	-
47		Poles, Towers & Fixtures	\$	20,059,841	\$	5,267,334	\$		\$	25,327,175	_	\$ 7,461,714	-\$	,		-\$	7,736,123	\$	17,591,051
47		Overhead Conductors & Devices	\$	20,898,496	\$	1,433,503	\$		\$	22,331,999	-	\$ 8,633,847	-\$			-\$	9,030,125	\$	13,301,873
47		Underground Conduit	\$	10,132,498	\$	664,373	\$		\$	10,796,871	-	\$ 4,355,218	-\$	,		-\$	4,549,080	\$	6,247,791
47		Underground Conductors & Devices	\$	27,209,809	\$	558,459	\$		\$	27,768,268	_	\$ 14,065,441	-\$	,		-\$	14,542,406	\$	13,225,862
47		Line Transformers	\$	19,975,559	\$	530,989	\$		\$	20,506,548	_	\$ 8,851,209	-\$			-\$	9,304,535	\$	11,202,013
47		Services (Overhead & Underground)	\$	11,218,404	\$	536,933	\$		\$	11,755,337		\$ 2,545,521	-\$			-\$	2,750,137	\$	9,005,200
47		Meters	\$	3,498,113	\$	18,600	\$		\$	3,516,713	_	\$ 1,754,500	-\$			-\$	1,877,596	\$	1,639,117
47		Meters (Smart Meters)	\$	7,715,610	Ş	301,497	-\$	90,573	\$	7,926,534	_	\$ 3,320,638	-\$	536,860	\$ 50,422	-\$	3,807,077	\$	4,119,457
N/A		Land	\$	-					\$	-		\$ -	\$	-		\$	-	\$	-
47		Buildings & Fixtures	\$	297,148					\$	297,148	_	\$ 105,639	-\$			-\$	114,722	\$	182,425
13		Leasehold Improvements	\$	1,308,470	Ş	19,316			\$	1,327,786	-	\$ 985,267	-\$	99,086		-\$	1,084,353	\$	243,433
8	1915	Office Furniture & Equipment (10 years)	\$	248,673	\$	32,463			\$	281,136	-	\$ 158,180	-\$	24,615		-\$	182,796	\$	98,340
8		Office Furniture & Equipment (5 years)	Ş	-					\$	-		\$-	\$	-		\$	-	\$	-
10		Computer Equipment - Hardware	\$	503,139	\$	35,799			\$	538,938	-	\$ 330,726	-\$	80,607		-\$	411,332	\$	127,606
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-					\$	-		\$-	\$	-		\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-					\$	-	_	\$-	\$	-		\$	-	\$	-
10	1930	Transportation Equipment	\$	3,028,182	\$	272,889			\$	3,301,071	_	\$ 2,233,413	-\$			-\$	2,445,761	\$	855,309
8		Stores Equipment	\$	108,488					\$	108,488	_	\$ 74,061	-\$	,		-\$	78,879	\$	29,609
8	1940	Tools, Shop & Garage Equipment	\$	319,357	Ş	11,656			\$	331,013		\$ 190,345	-\$	,		-\$	214,747	\$	116,265
8		Measurement & Testing Equipment	\$	98,309					\$	98,309	-	\$ 90,383	-\$	,		-\$	96,020	\$	2,289
8		Power Operated Equipment	\$	-					\$	-		\$-	\$			\$	-	\$	-
8		Communications Equipment	\$	-			_		\$	-	F	\$-	\$	-		\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-					\$	-		\$-	\$	-		\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-			L		\$	-	F	\$-	\$	-		\$	-	\$	-
47	1970	Load Management Controls Customer Premises	\$	-					\$	-		\$-	\$	-		\$	-	\$	-
47		Load Management Controls Utility Premises	\$	-					\$	-		\$-	\$	-		\$	-	\$	-
47		System Supervisor Equipment	\$	281,729					\$	281,729	_	\$ 231,906	-\$	12,457		-\$	244,363	\$	37,366
47		Miscellaneous Fixed Assets	\$	0					\$	0	_	\$-	\$	-		\$	-	\$	0
47		Other Tangible Property	\$	-					\$	-		\$-	\$	-		\$	-	\$	-
47		Contributions & Grants	-\$	32,147,153	-\$	6,438,453			-\$	38,585,605	Ľ	\$ 7,325,635	\$	599,543		\$	7,925,178	-\$	30,660,427
47	2440	Deferred Revenue <sup>5</sup>	\$	-					\$	-	_	\$-	\$	-		\$	-	\$	-

	\$-					\$	-	Ş	-	\$	-		\$	-	\$ -
Sub-Total	\$ 119,218,520	\$	3,511,539	-\$ 55	6,163	\$	122,173,896	-9	54,418,802	-\$	3,068,945	\$ 50,422	-\$	57,437,325	\$ 64,736,570
Less Socialized Renewable Energy															
Generation Investments (input as															
negative)						\$	-	-\$	54,418,802				\$	-	\$ -
Less Other Non Rate-Regulated															
Utility Assets (input as negative)						\$	-	ç	-				\$	-	\$ -
Total PP&E	\$ 119,218,520	\$	3,511,539	-\$55	6,163	\$	122,173,896	-	108,837,605	-\$	3,068,945	\$ 50,422	-\$	57,437,325	\$ 64,736,570
Depreciation Expense adj. from gain	or loss on the re	tireme	nt of assets	s (pool of li	ke asse	ets)	), if applicable <sup>6</sup>								
Total										-\$	3,068,945				

10	Transportation
8	Stores Equipment

Less: Fully Allocated Depreciation		
Transportation		
Stores Equipment		
Net Depreciation	-\$	3,068,945

# Appendix 2-BA Fixed Asset Continuity Schedule <sup>1</sup>

CGAAP 2017 Accounting Standard Year

					Co	ost					Ac	cumulated De	preciation				
CCA Class <sup>2</sup>	OEB Account 3	Description <sup>3</sup>	Opening Balance	A	Additions <sup>4</sup>	Disposals	Clo	osing Balance		Opening Balance		Additions	Disposals	Clo	sing Balance	Net	Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$ 1,265,801	\$	738,043		\$	2,003,844	-!	\$ 1,180,305	-\$	161,615		-\$	1,341,920	\$	661,925
CEC	1612	Land Rights (Formally known as Account 1906)	\$ 517,173	\$	-		\$	517,173	-!	\$ 164,004	-\$	15,721		-\$	179,725	\$	337,449
N/A	1805	Land	\$ 5,544,173	\$	12,302		\$	5,556,475	:	\$ -				\$	-	\$	5,556,475
47	1808	Buildings	\$ -	\$	-		\$	-	•	\$ -				\$	-	\$	-
13	1810	Leasehold Improvements	\$ -	\$	4,033		\$	4,033	•	\$ -				\$	-	\$	4,033
47	1815	Transformer Station Equipment >50 kV	\$ -	\$	-		\$	-	:	\$ -				\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	\$ 16,937,294	\$	-		\$	16,937,294	-!	\$ 6,309,953	-\$	539,014		-\$	6,848,967	\$	10,088,327
47	1825	Storage Battery Equipment	\$ -	\$	-		\$	-	:	\$ -				\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$ 25,518,302	\$	1,759,419		\$	27,277,720	-!	\$ 9,833,817	-\$	688,734		-\$	10,522,551	\$	16,755,169
47	1835	Overhead Conductors & Devices	\$ 22,524,637	\$	1,460,619		\$	23,985,256	-!	\$ 11,389,130	-\$	1,102,226		-\$	12,491,356	\$	11,493,899
47	1840	Underground Conduit	\$ 10,830,610	\$	202,965		\$	11,033,575	-!	5,533,686	-\$	215,774		-\$	5,749,460	\$	5,284,115
47	1845	Underground Conductors & Devices	\$ 27,828,231	\$	414,007		\$	28,242,238	-!	\$ 16,902,912	-\$	1,024,550		-\$	17,927,462	\$	10,314,776
47	1850	Line Transformers	\$ 20,542,904	\$	225,343		\$	20,768,247	-!	\$ 10,656,987	-\$	682,276		-\$	11,339,263	\$	9,428,985
47	1855	Services (Overhead & Underground)	\$ 11,782,124	\$	69,577		\$	11,851,700	-!	\$ 3,863,640	-\$	462,517		-\$	4,326,157	\$	7,525,543
47	1860	Meters	\$ 3,520,871	\$	10,033		\$	3,530,905	-!	\$ 1,881,748	-\$	123,718		-\$	2,005,466	\$	1,525,438
47	1860	Meters (Smart Meters)	\$ 7,954,225	\$	328,176		\$	8,282,401	-!	3,768,555	-\$	511,672		-\$	4,280,227	\$	4,002,174
N/A	1905	Land	\$ -	\$	-		\$	-	:	\$ -	\$	-		\$	-	\$	-
47	1908	Buildings & Fixtures	\$ 297,148	\$	-		\$	297,148	-!	\$ 114,722	-\$	9,071		-\$	123,793	\$	173,355
13	1910	Leasehold Improvements	\$ 1,327,786	\$	539,344		\$	1,867,130	-!	\$ 1,078,738	-\$	98,907		-\$	1,177,645	\$	689,485
8	1915	Office Furniture & Equipment (10 years)	\$ 281,136	\$	122,623		\$	403,758	-!	\$ 182,762	-\$	29,019		-\$	211,781	\$	191,978

		Less Other Non Rate-Regulated Utility Assets (input as negative)							Ś	-						Ś	-	\$	-
		Less Socialized Renewable Energy Generation Investments (input as negative)							\$	-						\$	-	\$	-
		Sub-Total	\$	122,746,355	\$	4,760,269	\$	-	\$	127,506,624	-\$	65,471,930	-\$	4,309,215	\$ -	-\$	69,781,145	\$	57,725,479
47	2440		Ś	-			-		ې Ś	-		-				Ś		\$	
47	2440	Deferred Revenue <sup>5</sup>	-> ¢	38,383,003	->	1,405,507	+		ې \$	59,991,112	<u> </u>	11,052,942	Ş	1,579,820		ې غ	12,032,701	-ə \$	27,356,351
47	1990	Contributions & Grants	ې د	- 38,585,605	ې د	- 1,405,507	-		ې \$	- 39,991,112	ş		Ś	1,579,820		ş S	- 12,632,761	Ф -\$	27,358,351
47	1985	Other Tangible Property	Ş	0	Ş	-	-		ې \$	0	\$ \$	-				Ş	-	۵ ۶	0
47 47	1980 1985	System Supervisor Equipment Miscellaneous Fixed Assets	\$ \$	281,729	Ş	-	-		ې \$	281,729	-\$	253,033	-\$	13,233		-\$ \$	266,266	Ф \$	15,463
47	1975	Load Management Controls Utility Premises	\$	-	\$	-			\$ \$	-	\$	-	ć	42.222		\$	-	\$ \$	-
47	1970	Load Management Controls Customer Premises	\$	-	\$	-			\$	-	\$	-				\$	-	\$	-
8	1960	Miscellaneous Equipment	\$	-	\$	-			\$	-	\$	-				\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	\$	-	\$	-			\$	-	\$	-				\$	-	\$	-
8	1955	Communications Equipment	\$	-	\$	-			\$	-	\$	-				\$	-	\$	-
8	1950	Power Operated Equipment	\$	-	\$	-		:	\$	-	\$	-				\$	-	\$	-
8	1945	Measurement & Testing Equipment	\$	98,309	\$	27,943		:	\$	126,252	-\$	96,251	-\$	3,173		-\$	99,424	\$	26,828
8	1940	Tools, Shop & Garage Equipment	\$	331,013	\$	9,837			\$	340,850	-\$	214,884	-\$	23,570		-\$	238,455	\$	102,395
8	1935	Stores Equipment	\$	108,488	\$	-	1		\$	108,488	-\$	79,410	-\$	4,578		-\$	83,988	\$	24,500
10	1930	Transportation Equipment	\$	3,301,071	\$	106,896	1		\$	3,407,967	-\$	2,609,002	-\$	119,132		-\$	2,728,135	\$	679,832
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	Ś	-	Ś	-			Ś	-	Ś	-				Ś	-	\$	-
45	1920	Computer EquipHardware(Post Mar. 22/04)	Ś	-	Ś	-			Ś	-	Ś	-		·		Ś	-	\$	_
10	1920	Computer Equipment - Hardware	\$	538,938	\$	134,616	1		\$	673,554	-\$	411,332	-\$	60,535		-\$	471,867	\$	201,687
8	1915	Office Furniture & Equipment (5 years)	\$	-	\$	-			\$	-	\$	-	<u> </u>			\$	-	\$	

10	Transportation
8	Stores Equipment

Transportation Stores Equipment Net Depreciation

-\$ 4,309,215

#### Appendix 2-BA

Fixed Asset Continuity Schedule <sup>1</sup>

Accounting Standard Revised CGAAP with change in asset useful lives CGAAP Year

2017

				Co	ost				Accumulated De	preciation		
	OEB						ſ					
CCA	Account		Opening					Opening				
Class <sup>2</sup>	3	Description <sup>3</sup>	Balance	Additions <sup>4</sup>	Disposals	Closing Balance		Balance	Additions	Disposals	Closing Balance	Net Book Value
12	1611	Computer Software (Formally known as Account 1925)	\$ 1,265,093	\$ 738,043		\$ 2,003,136		-\$ 1,181,938	-\$ 161,615		-\$ 1,343,553	\$ 659,584

		Land Dights (Farmally known as	r															
CEC	1612	Land Rights (Formally known as Account 1906)	\$	517,190	\$	-		\$	517,190	-\$	164,004	-\$	15,721		-\$	179,725	\$	337,466
N/A	1805	Land	\$	5,544,172	\$	12,302		\$	5,556,474	\$	-	Ċ	- /		\$	-	\$	5,556,474
47	1808	Buildings	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
13	1810	Leasehold Improvements	\$	-	\$	4,033		\$	4,033	\$	-				\$	-	\$	4,033
47	1815	Transformer Station Equipment >50 kV	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
47	1820	Distribution Station Equipment <50 kV	Ş	16,936,887	\$	-		\$	16,936,887	-\$	5,546,509	-\$	367,108		-\$	5,913,617	\$	11,023,271
47	1825	Storage Battery Equipment	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
47	1830	Poles, Towers & Fixtures	\$	25,331,027	\$	1,759,419		\$	27,090,446	-\$	7,736,123	-\$	433,532		-\$	8,169,655	\$	18,920,791
47	1835	Overhead Conductors & Devices	\$	22,336,760	\$	1,460,619		\$	23,797,379	-\$	9,030,125	-\$	348,950		-\$	9,379,076	\$	14,418,304
47	1840	Underground Conduit	\$	10,789,256	\$	202,965		\$	10,992,221	-\$	4,549,080	-\$	215,683		-\$	4,764,763	\$	6,227,458
47	1845	Underground Conductors & Devices	\$	27,747,078	\$	414,007		\$	28,161,084	-\$	14,542,406	-\$	484,170		-\$	15,026,576	\$	13,134,509
47	1850	Line Transformers	\$	20,508,692	\$	225,343		\$	20,734,036	-\$	9,304,535	-\$	463,407		-\$	9,767,941	\$	10,966,094
47	1855	Services (Overhead & Underground)	\$	11,754,936	\$	69,577		\$	11,824,512	-\$	2,750,137	-\$	212,782		-\$	2,962,919	\$	8,861,593
47	1860	Meters	\$	3,521,663	\$	10,033		\$	3,531,697	-\$	1,877,596	-\$	123,718		-\$	2,001,314		1,530,383
47	1860	Meters (Smart Meters)	\$	7,926,036	\$	328,176		\$	8,254,212	-\$	3,807,077	-\$	511,672		-\$	4,318,749	\$	3,935,463
N/A	1905	Land	\$	-	\$	-		\$	-	\$	-	\$	-		\$	-	\$	-
47	1908	Buildings & Fixtures	\$	297,183	\$	-		\$	297,183	-\$	114,722	-\$	9,071		-\$	123,793	\$	173,390
13	1910	Leasehold Improvements	\$	1,327,887	\$	539,344		\$	1,867,231	-\$	1,084,353	-\$	84,298		-\$	1,168,650	\$	698,581
8	1915	Office Furniture & Equipment (10 years)	\$	279,317	\$	122,623		\$	401,940	-\$	182,796	-\$	29,019		-\$	211,814	\$	190,125
8	1915	Office Furniture & Equipment (5 years)	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
10	1920	Computer Equipment - Hardware	\$	528,497	\$	134,616		\$	663,113	-\$	411,332	-\$	60,535		-\$	471,867	\$	191,246
45	1920	Computer EquipHardware(Post Mar. 22/04)	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
45.1	1920	Computer EquipHardware(Post Mar. 19/07)	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
10	1930	Transportation Equipment	\$	3,332,257	\$	106,896		\$	3,439,153	-\$	2,445,761	-\$	213,599		-\$	2,659,361	\$	779,792
8	1935	Stores Equipment	\$	108,974	\$	-		\$	108,974	-\$	78,879	-\$	4,578		-\$	83,457	\$	25,517
8	1940	Tools, Shop & Garage Equipment	\$	331,157	\$	9,837		\$	340,994	-\$	214,747	-\$	24,070		-\$	238,818	\$	102,177
8	1945	Measurement & Testing Equipment	\$	98,520	\$	27,943		\$	126,464	-\$	96,020	-\$	3,173		-\$	99,193	\$	27,271
8	1950	Power Operated Equipment	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
8	1955	Communications Equipment	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
8	1955	Communication Equipment (Smart Meters)	Ś	_	¢			Ś	_	ć	_				¢	_	\$	_
8	1960	Meters) Miscellaneous Equipment	ې \$		ې د			ې \$	-	ې \$	-				ې Ś	-	э \$	
47	1900	Load Management Controls Customer Premises	ې \$		\$	_		\$	-	\$	-				ې \$		\$ \$	
47	1975	Load Management Controls Utility Premises	\$	-	\$	-		\$	-	\$	-				\$	-	\$	-
47	1980	System Supervisor Equipment	\$	287,373	\$	-		\$	287,373	-\$	244,363	-\$	13,233		-\$	257,596	\$	29,778
47	1985	Miscellaneous Fixed Assets	\$	0	\$	-		\$	0	\$	-		-,		\$	-	\$	0
47	1990	Other Tangible Property	\$	-	\$	-		\$	-	\$	-				\$	-	\$	
47	1995	Contributions & Grants	-\$	38,595,170	-\$	1,405,507		.\$	40,000,677	\$	7,925,178	\$	724,599		\$	8,649,777	-\$	31,350,900
47	2440	Deferred Revenue <sup>5</sup>	\$	-		,		\$	-	\$	-	Ĺ			\$	-	\$	-
			\$	-				\$	-	\$	-				\$	-	\$	-
		Sub-Total	\$	122,174,787	\$	4,760,269	\$-	\$	126,935,056	-\$	57,437,325	-\$	3,055,332	\$ -	-\$	60,492,657	\$	66,442,398
		Less Socialized Renewable Energy Generation Investments (input as						Ś							ć		\$	
		negative) Less Other Non Rate-Regulated	<u> </u>					Ş	-	-\$	57,437,325	-			Ş	-	φ	-
		Utility Assets (input as negative)						Ś	-	Ś					Ś	-	\$	-
		e	1					٣		Ý					Y		Ψ	

Total PP&E	\$ 122,174,787	\$ 4,760,269	\$-	\$ 126,935,056	-\$ 114,874,650	-\$	3,055,332	\$ \$	60,492,657	\$ 66,442,398
Depreciation Expense adj. from gain	or loss on the re	tirement of asset	s (pool of like as	sets), if applicable <sup>6</sup>	i					
Total						-\$	3,055,332			

10	Transportation
8	Stores Equipment

Less:	Fully	Allocated	Depreciation
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-\$ -\$ Transportation Stores Equipment

Net Depreciation

244,132	
2,811,200	

# Customer Class: RESIDENTIAL SERVICE CLASSIFICATION

RPP / Non-RPP:Consumption750KWhDemand-kWCurrent Loss Factor1.0383

Proposed/Approved Loss Factor 1.0383

		С	urrent OEB-Ap	pro	ved			Proposed				Impa	ct
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	24.36	1	\$	24.36	\$	27.52	1	\$	27.52	\$	3.16	12.97%
Distribution Volumetric Rate	\$	0.0038	750	\$	2.85	\$	-	750	\$	-	\$	(2.85)	-100.00%
Fixed Rate Riders	-\$	1.76	1	-\$	1.76	\$	-	1	\$	-	\$	1.76	-100.00%
Volumetric Rate Riders	\$	0.0010	750	\$	0.75	\$	0.0005	750	\$	0.38	\$	(0.38)	-50.00%
Sub-Total A (excluding pass through)				\$	26.20				\$	27.90	\$	1.70	6.47%
Line Losses on Cost of Power	\$	0.0820	29	\$	2.36	\$	0.0820	29	\$	2.36	\$	-	0.00%
Rate Rider for Disposition of Account 1576	-\$	1.7600	1	-\$	1.76	-\$	1.7369	1	-\$	1.74	\$	0.02	-1.31%
Total Deferral/Variance Account Rate Riders	\$	-	750	\$	-	-\$	0.0040	750	-\$	3.00	\$	(3.00)	
CBR Class B Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
GA Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Low Voltage Service Charge	\$	-	750	\$	-			750	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	27.37				\$	26.08	-\$	1.28	-4.68%
Total A)				<u> </u>	21.51				•	20.00		1.20	-4.00 /8
RTSR - Network	\$	0.0079	779	\$	6.15	\$	0.0128	779	\$	9.97	\$	3.82	62.03%
RTSR - Connection and/or Line and	\$	0.0075	779	\$	5.84	\$	0.0121	779	\$	9.42	\$	3.58	61.33%
Transformation Connection				Ť		•			•	-	•		
Sub-Total C - Delivery (including Sub-Total B)				\$	39.36				\$	45.47	\$	6.12	15.54%
Wholesale Market Service Charge (WMSC)	\$	0.0036	779	\$	2.80	¢	0.0036	779	\$	2.80	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$		779	\$	0.23	-		779	\$	0.23	\$	_	0.00%
Standard Supply Service Charge	\$		1	Ψ \$	0.25	₽ \$	0.25	1	\$ \$	0.25	φ \$	_	0.00%
TOU - Off Peak	\$		488	φ \$	31.69	- C.	0.0650	488	\$ \$	31.69	φ \$	_	0.00%
TOU - Mid Peak	\$		128	↓ \$	11.99	-	0.0940	128	↓ \$	11.99	\$	_	0.00%
TOU - On Peak	•	0.1320	135	φ \$	17.82		0.1320	120	\$ \$	17.82		_	0.00%
	4	0.1520	100	Ψ	17.02	φ	0.1520	100	Ψ	17.02	Ψ		0.0076
Total Bill on TOU (before Taxes)				\$	104.14				\$	110.25	\$	6.12	5.87%
HST		13%		₽ \$	13.54		13%		₽ \$	14.33		0.12	5.87%
8% Rebate		8%		ֆ \$	(8.33)		8%		φ \$	(8.82)		(0.49)	5.07 /6
Total Bill on TOU		070		φ \$	(0.33) <b>109.34</b>		0,0		φ \$	115.77		(0.49) 6.42	5.87%
		_		φ	103.34	-			φ	113.77	φ	0.42	5.07 %

Customer Class:	GENERAL	SERVICE LESS THAN 50	KW SERVICE CLASSIFICATION
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0383		
Proposed/Approved Loss Factor	1.0383		

	Current OEB-Approved				ved			Proposed				Impa	ct
	Ra	te	Volume		Charge		Rate	Volume	Charge				
	(\$	5)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 3	0.73	1	\$	30.73	\$	30.91	1	\$	30.91	\$	0.18	0.59%
Distribution Volumetric Rate	\$ 0.0	0201	2000	\$	40.20	\$	0.0202	2000	\$	40.40	\$	0.20	0.50%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$ 0.0	0067	2000	-\$	13.40	\$	0.0015	2000	\$	3.00	\$	16.40	-122.39%
Sub-Total A (excluding pass through)				\$	57.53				\$	74.31	\$	16.78	29.17%
Line Losses on Cost of Power	\$ 0.0	0820	77	\$	6.28	\$	0.0820	77	\$	6.28	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	\$	-	2,000	\$	-	-\$	0.0041	2,000	-\$	8.20	\$	(8.20)	
Rate Rider for Disposition of Account 1576	-\$ 0.0	0120	2,000	-\$	24.00	-\$	0.0026	2,000	-\$	5.15	\$	18.85	-78.54%
CBR Class B Rate Riders	\$	-	2,000	\$	-	\$		2,000	\$	-	\$	-	
GA Rate Riders	\$	-	2,000	\$	-	\$		2,000	\$	-	\$	-	
Low Voltage Service Charge	\$	-	2,000	\$	-			2,000	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Additional Volumetric Rate Riders			2,000	\$	-	\$		2,000	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	40.38				\$	67.81	\$	27.43	67.93%
Total A)				· ·							· ·	-	
RTSR - Network	\$ 0.0	0072	2,077	\$	14.95	\$	0.0116	2,077	\$	24.09	\$	9.14	61.11%
RTSR - Connection and/or Line and	\$ 0.0	0067	2,077	\$	13.91	\$	0.0108	2,077	\$	22.43	\$	8.51	61.19%
Transformation Connection Sub-Total C - Delivery (including Sub-Total	<u> </u>					<u> </u>					· ·		
B)				\$	69.25				\$	114.33	\$	45.08	65.10%
Wholesale Market Service Charge (WMSC)	\$ 0.0	0036	2,077	\$	7.48	\$	0.0036	2,077	\$	7.48	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0	0003	2,077	\$	0.62	\$	0.0003	2,077	\$	0.62	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$ 0.0	0650	1,300	\$	84.50	\$	0.0650	1,300	\$	84.50	\$	-	0.00%
TOU - Mid Peak	\$ 0.0	0940	340	\$	31.96	\$	0.0940	340	\$	31.96	\$	-	0.00%
TOU - On Peak	\$ 0.1	1320	360	\$	47.52	\$	0.1320	360	\$	47.52	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	241.57				\$	286.66	\$	45.08	18.66%
HST		13%		\$	31.40		13%		\$	37.27	\$	5.86	18.66%
8% Rebate		8%		\$	(19.33)		8%		\$	(22.93)	\$	(3.61)	

Total Bill on TOU		\$ 253.65		\$ 300.99	\$ 47.34	18.66%

#### Customer Class: GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

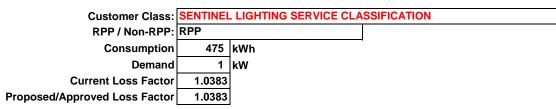
RPP / Non-RPP: Non-RPP (Other) Consumption 237,500 kWh Demand 500 kW Current Loss Factor 1.0383 Proposed/Approved Loss Factor 1.0383

		C	urrent OEB-Ap	pro	ved			Proposed				Impa	ct
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	139.37	1	\$	139.37	\$	140.21	1	\$	140.21	\$	0.84	0.60%
Distribution Volumetric Rate	\$	4.8078	500	\$	2,403.90	\$	4.8366	500	\$	2,418.30	\$	14.40	0.60%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$	3.9859	500	-\$	1,992.95	\$	0.2273	500	\$	113.65	\$	2,106.60	-105.70%
Sub-Total A (excluding pass through)				\$	550.32				\$	2,672.16	\$	2,121.84	385.56%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	1	-	\$	-	\$	-	
Total Deferral/Variance Account Rate Riders	\$	-	500	\$	-	-\$	1.5284	500	-\$	764.20	-\$	764.20	
Rate Rider for Disposition of Account 1576	-\$	4.5352	500	-\$	2,267.60	-\$	0.9548	500	-\$	477.40	\$	1,790.20	-78.95%
CBR Class B Rate Riders	\$	-	500	\$	-	\$	-	500	\$	-	\$	-	
GA Rate Riders	\$	-	237,500	\$	-	\$	0.0057	237,500	\$	1,353.75	\$	1,353.75	
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-				-\$	1,717.28				\$	2,784.31	\$	4,501.59	-262.14%
Total A)				•					•	2,704.51			
RTSR - Network	\$	2.8974	500	\$	1,448.70	\$		500	\$	-	-\$	1,448.70	-100.00%
RTSR - Connection and/or Line and	\$	2.6417	500	\$	1,320.85	\$		500	\$	-	-\$	1,320.85	-100.00%
Transformation Connection	· ·										· ·	,	
Sub-Total C - Delivery (including Sub-Total B)				\$	1,052.27				\$	2,784.31	\$	1,732.04	164.60%
Wholesale Market Service Charge (WMSC)	\$	0.0036	246,596	\$	887.75	\$	0.0036	246,596	\$	887.75	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0003	246,596	\$	73.98	\$	0.0003	246,596	\$	73.98	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	246,596	\$	27,150.25	\$	0.1101	246,596	\$	27,150.25	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	29,164.49				\$	30,896.54	\$	1,732.04	5.94%
HST		13%		\$	3,791.38		13%		\$	4,016.55		225.17	5.94%
Total Bill on Average IESO Wholesale Market Price				\$	32,955.88				\$	34,913.08	\$	1,957.21	5.94%

Customer Class:	UNMETER	RED SCATTERED LOAD SI	ERVICE CLASSIFICATION
RPP / Non-RPP:	RPP		
Consumption	200	kWh	
Demand	-	kW	
Current Loss Factor	1.0383		
Proposed/Approved Loss Factor	1.0383	]	

		С	urrent OEB-Ap	pro	ved			Proposed				Impa	ct
	I	Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	17.75		\$	-	\$	17.86	0	\$	-	\$	-	
Distribution Volumetric Rate	\$	0.0204	200	\$	4.08	\$	0.0205	200	\$	4.10	\$	0.02	0.49%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$	0.0132	200	-\$	2.64	\$	-	200	\$	-	\$	2.64	-100.00%
Sub-Total A (excluding pass through)				\$	1.44				\$	4.10	\$	2.66	184.72%
Line Losses on Cost of Power	\$	0.0820	8	\$	0.63	\$	0.0820	8	\$	0.63	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	\$	-	200	\$	-	-\$	0.0041	200	-\$	0.82	-\$	0.82	
Rate Rider for Disposition of Account 1576	-\$	0.0132	200	-\$	2.64	-\$	0.0026	200	-\$	0.51	\$	2.13	-80.49%
CBR Class B Rate Riders	\$	-	200	\$	-	\$	-	200	\$	-	\$	-	
GA Rate Riders	\$	-	200	\$	-	\$	-	200	\$	-	\$	-	
Low Voltage Service Charge	\$	-	200	\$	-			200	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			200	\$	-	\$	-	200	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				-\$	0.57				\$	3.39	\$	3.97	-693.24%
Total A)				-⊅	0.57				φ	3.39	φ	3.97	-093.24%
RTSR - Network	\$	0.0071	208	\$	1.47	\$		208	\$	-	-\$	1.47	-100.00%
RTSR - Connection and/or Line and	\$	0.0067	208	\$	1.39	\$	-	208	\$	-	-\$	1.39	-100.00%
Transformation Connection	-		200	Ť		·		200	Ŷ		Ŷ		
Sub-Total C - Delivery (including Sub-Total B)				\$	2.29				\$	3.39	\$	1.10	47.93%
Wholesale Market Service Charge (WMSC)	\$	0.0036	208	\$	0.75	\$	0.0036	208	\$	0.75	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)		0.0003	208	\$	0.06	- C	0.0003	208	\$	0.06		_	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	_	0.00%
TOU - Off Peak		0.0650	130	\$	8.45	- C	0.0650	130	\$	8.45	\$	-	0.00%
TOU - Mid Peak	\$	0.0940	34	\$	3.20	\$	0.0940	34	\$	3.20	\$	-	0.00%
TOU - On Peak		0.1320	36	\$	4.75		0.1320	36	\$	4.75		-	0.00%
	, ,				-	•							
Total Bill on TOU (before Taxes)				\$	19.75				\$	20.85	\$	1.10	5.57%
HST		13%		\$	2.57		13%		\$	2.71	\$	0.14	5.57%

Total Bill on TOU		\$ 22.32		\$ 23.56	\$ 1.24	-0.13%



	C	urrent OEB-Ap	pro	ved		Proposed				Impa	ct
	Rate	Volume		Charge	Rate	Volume		Charge			
	(\$)			(\$)	(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 3.27		\$	-	\$ 3.29	0	\$	-	\$	-	
Distribution Volumetric Rate	\$12.5269	1	\$	12.53	\$12.6021	1	\$	12.60	\$	0.08	0.60%
Fixed Rate Riders	\$-	1	\$	-	\$ -	1	\$	-	\$	-	
Volumetric Rate Riders	-\$ 4.1248	1	-\$	4.12	\$-	1	\$	-	\$	4.12	-100.00%
Sub-Total A (excluding pass through)			\$	8.40			\$	12.60	\$	4.20	49.99%
Line Losses on Cost of Power	\$ 0.0820	18	\$	1.49	\$ 0.0820	18	\$	1.49	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	\$-	1	\$	-	\$ -	1	\$	-	\$	-	
Rate Rider for Disposition of Account 1576	-\$ 4.1248	475	-\$	1,959.28	-\$ 0.0026	1	-\$	0.00	\$	1,959.28	-100.00%
CBR Class B Rate Riders	\$-	1	\$	-	\$-	1	\$	-	\$	-	
GA Rate Riders	\$-	475	\$	-	\$ -	475	\$	-	\$	-	
Low Voltage Service Charge	\$-	1	\$	-		1	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$-	1	\$	-	\$-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$-	1	\$	-	\$-	1	\$	-	\$	-	
Additional Volumetric Rate Riders		1	\$	-	\$-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-			\$	(1,949.39)			\$	14.09	\$	1,963.48	-100.72%
Total A)			•				•	14.03	•	•	
RTSR - Network	\$ 2.1860	1	\$	2.19	\$-	1	\$	-	\$	(2.19)	-100.00%
RTSR - Connection and/or Line and	\$ 2.0843	1	\$	2.08	\$-	1	\$	-	\$	(2.08)	-100.00%
Transformation Connection	·						<u> </u>			. ,	
Sub-Total C - Delivery (including Sub-Total B)			\$	(1,945.12)			\$	14.09	\$	1,959.21	-100.72%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	493	\$	1.78	\$ 0.0036	493	\$	1.78	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	493	\$	0.15	\$ 0.0003	493	\$	0.15	\$	-	0.00%
Standard Supply Service Charge	\$ 0.25	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	\$ 0.0940	81	\$	7.59	\$ 0.0940	81	\$	7.59	\$	-	0.00%
TOU - On Peak	\$ 0.1320	86	\$	11.29	\$ 0.1320	86	\$	11.29	\$	-	0.00%
	,		Ť		,		Ť		Ŧ		
Total Bill on TOU (before Taxes)			\$	(1,904.00)			\$	55.21	\$	1,959.21	-102.90%

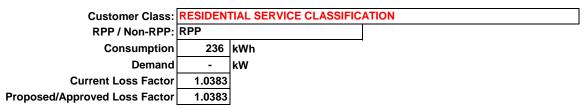
HST	13%	\$	(247.52)	13%	\$	7.18	\$ 254.70	-102.90%
Total Bill on TOU		-\$	2,151.52		\$	62.39	\$ 2,213.90	-0.13%

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION

RPP / Non-RPP: Non-RPP (Other) Consumption 474,500 kWh Demand 1,000 kW Current Loss Factor 1.0383 Proposed/Approved Loss Factor 1.0383

	С	urrent OEB-Ap	pro	ved		Proposed			Impact		
	Rate	Volume		Charge	Rate	Volume		Charge			
	(\$)			(\$)	(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 3.21		\$	-	\$ 3.23	0	\$	-	\$	-	
Distribution Volumetric Rate	\$15.9651	1000	\$	15,965.10	\$16.0609	1000	\$	16,060.90	\$	95.80	0.60%
Fixed Rate Riders	\$-	1	\$	-	\$ -	1	\$	-	\$	-	
Volumetric Rate Riders	\$ 5.0933	1000	\$	5,093.30	\$ 5.5969	1000	\$	5,596.90	\$	503.60	9.89%
Sub-Total A (excluding pass through)			\$	21,058.40			\$	21,657.80	\$	599.40	2.85%
Line Losses on Cost of Power	\$-	-	\$	-	\$ -	-	\$	-	\$	-	
Total Deferral/Variance Account Rate Riders	\$-	1,000	\$	-	-\$ 1.5386	1,000	-\$	1,538.60	-\$	1,538.60	
Rate Rider for Disposition of Account 1576	-\$ 5.1838	1,000	-\$	5,183.80	-\$ 0.9563	1,000	-\$	956.34	\$	4,227.46	-81.55%
CBR Class B Rate Riders	\$-	1,000	\$	-	\$ -	1,000	\$	-	\$	-	
GA Rate Riders	\$-	474,500	\$	-	\$ 0.0057	474,500	\$	2,704.65	\$	2,704.65	
Low Voltage Service Charge	\$-	1,000	\$	-		1,000	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	\$-	1	\$	-	\$-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$-	1	\$	-	\$-	1	\$	-	\$	-	
Additional Volumetric Rate Riders		1,000	\$	-	\$-	1,000	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-			\$	15,874.60			\$	21,867.51	\$	5,992.91	37.75%
Total A)								•	·	,	
RTSR - Network	\$ 2.2062	1,000	\$	2,206.20	\$ 3.5610	1,000	\$	3,561.00	\$	1,354.80	61.41%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.0399	1,000	\$	2,039.90	\$ 3.2937	1,000	\$	3,293.70	\$	1,253.80	61.46%
Sub-Total C - Delivery (including Sub-Total B)			\$	20,120.70			\$	28,722.21	\$	8,601.51	42.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	492,673	\$	1,773.62	\$ 0.0036	492,673	\$	1,773.62	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	492,673	\$	147.80	\$ 0.0003	492,673	\$	147.80	\$	_	0.00%
Standard Supply Service Charge	\$ 0.25	102,070	\$	0.25	\$ 0.25	102,070	\$	0.25	\$	_	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	492,673	\$	54,243.34	\$ 0.1101	492,673	-	54,243.34	Ψ	_	0.00%
	ψ UIIIUI	102,010	Ť	51,210.04	ψ UIIIUI	102,010	Ŷ	5 1,2 10:04	Ŷ		0.0070
Total Bill on Average IESO Wholesale Market Price			\$	76,285.71			\$	84,887.23	\$	8.601.51	11.28%
HST	13%		\$	9,917.14	13%					1,118.20	11.28%

Total Bill on Average IESO Wholesale Market Price		\$ 86,202.85		\$ 95,922.57	\$ 4,942.68	5.37	



	Current OEB-Approved				Proposed					Impact			
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$	24.36	1	\$	24.36	\$	27.52	1	\$	27.52	\$	3.16	12.97%
Distribution Volumetric Rate	\$	0.0038	236	\$	0.90	\$	-	236	\$	-	-\$	0.90	-100.00%
Fixed Rate Riders	-\$	1.76	1	-\$	1.76	\$	-	1	\$	-	\$	1.76	-100.00%
Volumetric Rate Riders	\$	0.0010	236	\$	0.24	\$	0.0005	236	\$	0.12	-\$	0.12	-50.00%
Sub-Total A (excluding pass through)				\$	23.73				\$	27.64	\$	3.91	16.45%
Line Losses on Cost of Power	\$	0.0820	9	\$	0.74	\$	0.0820	9	\$	0.74	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	\$	-	236	\$	-	-\$	0.0040	236	-\$	0.94	-\$	0.94	
Rate Rider for Disposition of Account 1576	-\$	1.7600	1	-\$	1.76	-\$	1.7369	1	-\$	1.74	\$	0.02	-1.31%
CBR Class B Rate Riders	\$	-	236	\$	-	\$	-	236	\$	-	\$	-	
GA Rate Riders	\$	-	236	\$	-	\$	-	236	\$	-	\$	-	
Low Voltage Service Charge	\$	-	236	\$	-			236	\$	-	\$	-	
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			236	\$	-	\$	-	236	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	23.28				\$	26.27	\$	2.98	12.82%
Total A)													
RTSR - Network	\$	0.0079	245	\$	1.94	\$	0.0128	245	\$	3.14	\$	1.20	62.03%
RTSR - Connection and/or Line and Transformation Connection	\$	0.0075	245	\$	1.84	\$	0.0121	245	\$	2.96	\$	1.13	61.33%
Sub-Total C - Delivery (including Sub-Total B)				\$	27.06				\$	32.37	\$	5.31	19.63%
Wholesale Market Service Charge (WMSC)	\$	0.0036	245	\$	0.88	\$	0.0036	245	\$	0.88	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0003	245	\$	0.07	\$	0.0003	245	\$	0.07	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	153	\$	9.97	\$	0.0650	153	\$	9.97	\$	-	0.00%
TOU - Mid Peak	\$	0.0940	40	\$	3.77	- C.	0.0940	40	\$	3.77	\$	-	0.00%
TOU - On Peak	\$	0.1320	42	\$	5.61	\$	0.1320	42	\$	5.61	\$	-	0.00%
Non-RPP Retailer Avg. Price	\$	0.1101	236	\$	25.98	\$	0.1101	236	\$	25.98	\$	-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	236	· ·	25.98	\$	0.1101	236	\$	25.98	\$	-	0.00%

Total Bill on TOU (before Taxes)		\$	47.61		\$	52.92	\$ 5.31	11.16%
HST	13%	\$	6.19	13%	\$	6.88	\$ 0.69	11.16%
8% Rebate	8%	\$	(3.81)	8%	\$	(4.23)	\$ (0.42)	
Total Bill on TOU		\$	49.99		\$	55.57	\$ 5.58	11.16%





Newmarket-Tay Power Distribution Ltd.

Newmarket – Tay Power Distribution Ltd.

# 2019 Electricity Distribution Rate

# Application

For rate zone NT Power – Midland

Board File Number EB-2018-0055

Date of Filing 11-9-2018

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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, 2019.

- 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 license (ED-2007-0624).
- 2. NT Power applies for an order or orders under the Price Cap IR Index methodology approving just and reasonable rates and other charges effective May 1, 2019; 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 Midland rate zone's current rates, were effective May 1, 2018, reference EB-2017-0060. 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 has selected the Price Cap IR Index for the Midland rate zone to set rates for 2019. The Price Cap IR Index is based on inflation less the Board's assigned stretch factor assessment of a distributor's efficiency.

The scope of this section is to provide the information and rate adjustment request pertaining to the Midland rate zone of NT Power 2019 IRM Rate Application.

# Rate Adjustment Requests

# Lost Revenue Adjustment Mechanism Variance Account

NT Power is seeking a Rate Rider Recovery for the Lost Revenue Adjustment Mechanism Variance Account 1568 ("LRAMVA") to be effective May 1, 2019. The amount requested is the principal and accumulated carrying charges from 2013 to 2017 for a one-year disposition period.

# **Deferral and Variance Accounts**

NT Power has completed Tab 3 – 2017 Continuity Schedule and confirms the entries representing Group 1 Deferral and Variance Account balances as of December 31, 2017 are accurate. NT Power proposes to dispose of the balance of the Group 1 Deferral and Variance Accounts for a one-year period.

# **Distribution Rates**

NT Power applies for a Decision Order approving the proposed distribution rates and other charges set out in this Application as just and reasonable rates and charges pursuant to Section 78 of the Board Act, to be effective May 1, 2019.

If the Board is unable to provide a Decision and Order in this Application for implementation by May 1, 2019, NT Power requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the implementation date of the approved 2019 distribution rates; and If the effective date does not coincide with the Board's implementation date for 2019 distribution rates and charges, NT Power requests permission to recover the incremental revenue from the effective date to the implementation date.

# Proposed Rates and Charges

NT Power has calculated and presented 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*.

		Consumption		Bill In	npact
Rate Classes/ Categories	Units	(kWh)	\$		%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	750	\$	1.30	1.1%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	2,000	\$	(1.08)	-0.4%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	210,000	\$	1,021.05	3.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	275	\$	0.06	0.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	46,300	\$	184.35	2.3%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	750	\$	4.02	2.7%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	281	\$	3.02	4.8%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	281	\$	4.23	5.6%

# Proposed Bill Impacts

# MicroFIT Generator Service Charge

NT Power is applying to continue the current monthly service charge of \$5.40 as approved by the Board in its 2018 IRM Application (EB-2017-0060).

# 2. Contact Information

# Primary Contact

Michelle Reesor, BBA, MBA Regulatory Analyst Newmarket-Tay Power Distribution Ltd. 590 Steven Court Newmarket, ON L3Y 6Z2 mreesor@nmhydro.ca Phone: (905) 953-8548 X2265 Fax: (705) 895-8931

# Secondary Contact

Christine Bell, B. Com Vice-President Finance – Midland-Tay Area Newmarket-Tay Power Distribution Ltd. 16984 Highway #12 P.O. Box 820 Midland, ON L4R 4P4 cbell@midlandpuc.on.ca Phone: (705) 526-9362 X219 Fax: (905) 526-7890

# 3. Rate Generator Model and Supplementary Workforms

NT Power has utilized the Board's 2019 IRM Rate Generator model, Global Adjustment Analysis Workform, Generic LRAMVA Workform, and Account 1595 Analysis Workform work form in the preparation of this filing. NT Power confirms the accuracy of the 2017 billing determinants and Trial Balance for the prepopulated models.

# 4. 2018 Current Tariff Sheet

Appendix 1 contains the approved 2018 Tariff Sheet dated March 22, 2018 from EB-2017-0060. The rates and charges within the tariff sheet provide the basis for the starting point from which the 2019 rates and charges are calculated using the Board's 2019 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 customers within the defined service area consisting of the Town of Midland, as defined by its license (ED-2007-0624).

# **Distributor's Profile**

NT Power is a local electricity distribution company with approximately 7,300 customers/connections in the Town of Midland that comprises the Midland rate zone. NT Power's Midland rate zone's electrical system has a total service area of 20 square kilometres.

NT Power's distribution service area within the Town of Midland is confined with the legal boundary limits of the Town of Midland except as described below:

The parcel of land surrounded by the northern Town boundary and the centerline of the roads, beginning at a point on Old Penetanguishene Road southerly to a point at Harbourview Drive (if extended), easterly along Harbourview to Fuller Street, then northerly along Fuller Street to Gawley Drive, then easterly along Gawley Drive to the shoreline of Georgian Bay. The parcel of land described above laying east of Fuller Street was formerly known as Sunnyside and the parcel of land described above laying west of Fuller Street was formerly known as Portage Park.

Pursuant to the Decision and Order of the Ontario Energy Board dated April 27, 2017 (EB-2017-0019), the customers located at the following physical addresses are excluded from NT Power's service area as a result of the Long Term Load Transfer agreement:

- 1. 9792 Highway 93, Midland, Ontario, L4R 4L9
- 2. 9782 Highway 93, Midland, Ontario, L4R 4L9
- 3. 253 Fuller Avenue, Midland, Ontario, L4R 5H6
- 4. 1 Balm Beach Road, Midland, Ontario, L4R 4K4

In addition, the following customer located at the physical address below is included in NT Power's service area as a result of the Long Term Load Transfer agreement:

1. 1014 Brebeuf Road, Tiny, Ontario, L4R 4K4

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 ("MPUC"). NT Power correspondence confirmed the closing of transaction was effective 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 September 17, 2018. As described in EB-2017-0269, NT Power was granted a 10 year deferral period. This will be implemented by maintaining two separate rate zones NT Power- Newmarket - Tay and NT Power- Midland until the rates are re-based.

# 7. Publication Notice

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

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

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

In addition, NT Power proposes to serve a copy of the application to the interveners on it's last Cost of Service application (EB-2012-0147).

### 8. Accuracy of Billing Determinants

Statement: NT Power has filed the 2019 Price Cap Incentive Rate-Setting Application consistent with *Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications* ("Chapter 3"), last revised July 12, 2018.

NT Power confirms the accuracy of the 2018 Board Approved Tariff of Rates and Charges, and the accuracy of the billing determinants prepopulated in 'Tab 2' and, respectively, in 'Tab 4' of the 2019 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 9<sup>th</sup> day of November, 2018.

All of which is respectfully submitted,

Newmarket – Tay Power Distribution Ltd.

Paul Ferguson, President

# 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.

Paul Ferguson, President

# 3.2 Elements of the Price Cap IR Index Plan

# 3.2.1 Annual Adjustment Mechanism

In accordance with Chapter 3, NT Power is a Price Cap IR Index applicant resulting in the assignment of a 0.45% stretch factor. NT Power has chosen the Board's Price Cap IR Index established by the Board in its *October 18, 2012 Renewed Regulatory Framework for Electricity Report.* 

The 2019 Rate Generator Model for the Midland rate zone is stretch factor group four.

NT Power's rate-setting parameters are:

Annual price escalator: 1.2% Stretch factor: 0.45% Price cap index: 0.75%.

### 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

The Board's Decision on Midland's Cost of Service rebasing application (EB-2012-0147) did not prescribe any phase-in period to adjust its revenue-to cost ratios.

#### 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. This will be implemented over a period of four years, beginning in 2016.

NT Power's transition to a fully-fixed monthly service charge for the residential class started on January 1, 2016.

In this Application, NT Power is seeking approval for the year of transition to continue implementing this policy effective May 1, 2019. In proposing a transition to a fully-fixed monthly service charge, NT Power has followed the approach set out in 'Tab 16. Rev2Cost\_GDPIP' of the 2019 IRM Rate Generator Model.

#### Residential Rate Design – Exceptions and Mitigation

To support the initial transition to fully fixed distribution rates, the Board designed two tests to determine when mitigation should be proposed: a threshold test for the change in the fixed charge and an overall bill impact test.

 Threshold test for change: when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility is to evaluate the total bill impact for a residential customer at the distributor's 10<sup>th</sup> consumption percentile.

NT Power's 10<sup>th</sup> consumption percentile of residential customer consumes 281 kWh of electricity per month. Ten percent of NT Power's residential customers consume 281 kWh or less in an average month, and 88% consume more than 295 kWh in an average month. This was determined by querying monthly consumption records for all residential bills issued each month in the calendar year and sorting by consumption threshold. On a

cumulative basis, the number of residential accounts in each consumption threshold reaches the 10<sup>th</sup> percentile at 281 kWh per month, as shown in the table below.

Average Residential			Cumulative	
Monthly Consumption	Quantity of		Number of	Cumulative
Threshold	Accounts	Percent	Accounts	Percentage
0-100 kWh	47	0.9%	47	0.9%
>100 - 115 kWh	17	0.3%	64	1.2%
>115 - 130 kWh	22	0.4%	86	1.6%
>130 - 145 kWh	23	0.4%	109	2.0%
>145 - 160 kWh	36	0.7%	145	2.6%
>160 - 175 kWh	28	0.5%	173	3.1%
>175 - 190 kWh	39	0.7%	212	3.9%
>190 - 205 kWh	49	0.9%	261	4.7%
>205 - 220 kWh	45	0.8%	306	5.6%
>220 - 235 kWh	57	1.0%	363	6.6%
>235 - 250 kWh	53	1.0%	416	7.6%
>250 - 265 kWh	63	1.1%	479	8.7%
>265 - 280 kWh	65	1.2%	544	9.9%
>280 - 295 kWh	81	1.5%	625	11.4%
>295 + kWh	4,870	88.6%	5,495	100.0%
Total	5,495	100%		

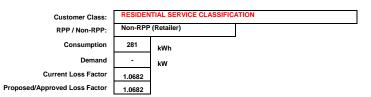
#### 2017 Residential Accounts by Consumption Threshold

Overall Bill Impact Test: The bill impact for the 10<sup>th</sup> residential consumption percentile with 281 kWh monthly consumption impact is \$4.23 or 5.55% for non-RPP retailer customers and \$3.02 or 4.85% for RPP customers. As the total bill impact of the elements proposed in this application does not exceed 10% for RPP customers a mitigation plan is not required.

Customer Class:	RESIDEN	ITIAL SERVIO	CE CLASSIF	ICATION					
RPP / Non-RPP:	RPP								
Consumption	281	kWh							
Demand	-	kW							
Current Loss Factor	1.0682	, KII							
Proposed/Approved Loss Factor	1.0682								
		1							
		c	urrent OEB-	Approved			Proposed		Impact
		Rate	Volume	Charge	Rate	Volume	Charge		
		(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge		\$ 26.99	1	\$26.99	\$30.85	1	\$ 30.85	\$ 3.86	14.30%
Distribution Volumetric Rate		\$0.0054	281	\$ 1.52	\$ -	281	\$-	\$(1.52)	-100.00%
Fixed Rate Riders		\$ -	1	\$ -	\$ -	1	\$-	\$-	
Volumetric Rate Riders		\$ -	281	\$ -	\$0.0018	281	\$ 0.51	\$ 0.51	
Sub-Total A (excluding pass through)				\$28.51			\$ 31.36	\$ 2.85	9.99%
Line Losses on Cost of Power		\$0.0820	19	\$ 1.57	\$0.0820	19	\$ 1.57	\$-	0.00%
Total Deferral/Variance Account Rate Riders		\$0.0005	281	\$ 0.14	\$0.0006	281	\$ 0.17	\$ 0.03	20.00%
CBR Class B Rate Riders		\$ -	281	\$ -	\$ -	281	\$-	<b>\$</b> -	
GA Rate Riders		\$ -	281	\$ -	\$ -	281	\$-	\$-	
Low Voltage Service Charge		\$0.0020	281	\$ 0.56	\$0.0020	281	\$ 0.56	\$-	0.00%
Smart Meter Entity Charge (if applicable)		\$ 0.57	1	\$ 0.57	\$0.57	1	\$ 0.57	<b>\$</b> -	0.00%
Additional Fixed Rate Riders		\$-	1	\$ -	\$-	1	\$-	\$-	
Additional Volumetric Rate Riders			281	\$ -	\$ -	281	\$-	\$-	
Sub-Total B - Distribution (includes Sub-Total A)				<b>604.05</b>			<b>*</b> • • • • •	<b>*</b> • • • •	0.400/
				\$31.35			\$ 34.23	\$ 2.88	9.18%

#### EB-2018-0055 2019 IRM Rate Application NT Power Midland Rate Zone

							i i i i i i i i i i i i i i i i i i i	
RTSR - Network	\$0.0066	300	\$ 1.98	\$0.0066	300	\$ 1.98	\$-	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$0.0052	300	\$ 1.56	\$0.0052	300	\$ 1.56	<b>\$</b> -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$34.89			\$ 37.77	\$ 2.88	8.24%
Wholesale Market Service Charge (WMSC)	\$0.0036	300	\$ 1.08	\$0.0036	300	\$ 1.08	<b>\$</b> -	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0003	300	\$ 0.09	\$0.0003	300	\$ 0.09	<b>\$</b> -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$0.25	1	\$ 0.25	\$-	0.00%
TOU - Off Peak	\$0.0650	183	\$11.87	\$0.0650	183	\$ 11.87	\$-	0.00%
TOU - Mid Peak	\$0.0940	48	\$ 4.49	\$0.0940	48	\$ 4.49	\$-	0.00%
TOU - On Peak	\$0.1320	51	\$ 6.68	\$0.1320	51	\$ 6.68	\$-	0.00%
Total Bill on TOU (before Taxes)			\$59.35			\$ 62.23	\$ 2.88	4.85%
HST	13%		\$ 7.72	13%		\$ 8.09	\$ 0.37	4.85%
8% Rebate	8%		\$(4.75)	8%		\$ (4.98)	\$(0.23)	
Total Bill on TOU			\$62.32			\$ 65.34	\$ 3.02	4.85%



	Curre	nt OEB-Appr	oved		Proposed		Impact	
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.99	1	\$26.99	\$30.85	1	\$ 30.85	\$ 3.86	14.30%
Distribution Volumetric Rate	\$0.0054	281	\$ 1.52	\$ -	281	\$-	\$(1.52)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$-	\$-	
Volumetric Rate Riders	\$ -	281	\$ -	\$0.0018	281	\$ 0.51	\$ 0.51	
Sub-Total A (excluding pass through)			\$28.51			\$ 31.36	\$ 2.85	9.99%
Line Losses on Cost of Power	\$0.1101	19	\$ 2.11	\$0.1101	19	\$ 2.11	\$-	0.00%
Total Deferral/Variance Account Rate Riders	AD 0005	004	<b>0</b> 044		004	<b>0</b> 0 4 7	<b>A</b> A AA	00.000/
	\$0.0005	281	\$ 0.14	\$0.0006	281	\$ 0.17	\$ 0.03	20.00%
CBR Class B Rate Riders	\$ -	281	\$ -	\$ -	281	\$-	\$-	
GA Rate Riders	-\$ 0.0002	281	\$(0.06)	\$0.0029	281	\$ 0.81	\$ 0.87	-1550.00%
Low Voltage Service Charge	\$0.0020	281	\$ 0.56	\$0.0020	281	\$ 0.56	\$-	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$0.57	1	\$ 0.57	\$-	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$-	\$-	
Additional Volumetric Rate Riders		281	\$ -	\$ -	281	\$-	\$-	
Sub-Total B - Distribution (includes Sub-Total A)								
			\$31.83			\$ 35.58	\$ 3.75	11.77%
RTSR - Network	\$0.0066	300	\$ 1.98	\$0.0066	300	\$ 1.98	\$-	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$0.0052	300	\$ 1.56	\$0.0052	300	\$ 1.56	\$-	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$35.38			\$ 39.12	\$ 3.75	10.59%
Wholesale Market Service Charge (WMSC)	\$0.0036	300	\$ 1.08	\$0.0036	300	\$ 1.08	\$-	0.00%
	\$0.0036	300	φ 1.00	\$0.0036	300	φ 1.0o	φ-	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0003	300	\$ 0.09	\$0.0003	300	\$ 0.09	\$-	0.00%
	<i><b>Q</b></i>	000	\$ 0.00	<b>V</b> III VIII	000	φ 0.00	Ŷ	0.0070
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$0.1101	281	\$30.94	\$0.1101	281	\$ 30.94	\$-	0.00%
Total Bill on Non-RPP Avg. Price			\$67.48			\$ 71.23	\$ 3.75	5.55%
HST	13%		\$ 8.77	13%		\$ 9.26	\$ 0.49	5.55%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$76.26			\$ 80.49	\$ 4.23	5.55%

#### 3.2.4 Electricity Distribution Retail Transmission Service Rates

NT Power seeks changes to its Retail Transmission Service Rates as detailed in 2019 IRM Rate Generator Model ('Tabs 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's proposes the RTSR rates below based on the 2019 IRM Rate Generator Model:

Rate Class	Unit	Current RTSR Network	Adjusted RTSR Network	Current RTSR Connection	Adjusted RTSR Connection
<b>Residential Service Classification</b>	\$/kWh	0.0066	0.0066	0.0052	0.0052
General Service Less Than 50 kW Service Classification	\$/kWh	0.0059	0.0059	0.0048	0.0048
General Service 50 To 4,999 kW Service Classification	\$/kW	2.4232	2.4187	1.8941	1.8945
Unmetered Scattered Load Service Classification	\$/kWh	0.0059	0.0059	0.0048	0.0048
Street Lighting Service Classification	\$/kW	1.8277	1.8243	1.4643	1.4646

#### Proposed RTSR

NT Power is a partially embedded distributor in its Midland service area whose host is HONI.

In the Board's most recent Decision and Rate Order (EB-2017-0359), new Uniform

Transmission Rates were effective and are as follows:

#### Uniform Transmission Rates

Uniform Transmission Rates					
Network Service Rate	\$3.61 kW				
Line Connection Rate	\$0.95 kW				
Transformation Connection Service Rate	\$2.34 kW				

#### Other Rates and Charges

NT Power seeks continuation of the other rates and charges approved in EB-2017-0060 specifically the Allowances, Specific Service Charges, Retail Service Charges, and Loss Factors.

# 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 Report 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, 2017 to determine if the threshold has been exceeded.

NT Power has elected to dispose of its deferral and variance account balances as it exceeds the threshold test with a total claim per kWh of \$0.0020. The total amount requested for disposition of Group 1 Accounts is \$368,261. The claim excludes an Account 1568- LRAM Variance Account balance of \$359,009.

NT Power is proposing a rate rider recovery period of one-year for the Group 1 Account balances.

NT Power has completed the Board Staff's 2019 IRM Rate Generator model 'Tab 3 – Continuity Schedule' and has projected interest to April 30, 2019 on the December 31, 2017 balances. Actual interest has been calculated based on the Board's prescribed rates. Projected interest for the period is based on quarter 4, 2018 last Board prescribed rate of 2.17%.

Statement: NT Power confirms the accuracy of the billing determinants used in 'Tab 4' of the 2019 IRM Rate Generator model.

#### Adjustments to Deferral and Variance Accounts

Account 1580 – RSVA Wholesale Market Service Charge (WMS) shows a credit variance of \$10,013 in cell BV23. The RRR 2.1.7 December 31, 2017 balance filing for Account 1580 – RSVA Wholesale Market Service Charge (WMS) inadvertently included the RSVA WMS and the RSVA WMS Sub-account CBR Class B balances. The RSVA WMS is a credit balance of \$347,447 and the RSVA WMS-CBR Class B account is a credit balance of \$10,013. This

grouping of two accounts explains the variance noted between the RRR filing balance and the 2017 balance.

In addition, the RSVA WMS Sub-account CBR Class B amount entered in the 2.1.7 RRR Trial Balance Filing – Sub-Accounts tab was inadvertently entered as a debit balance of \$10,013. The correct amount is a credit balance of (\$10,013). This error explains the variance of \$20,025 noted between the RRR filing balance and the 2017 balance.

The variance listed for the Disposition and Recovery/Refund of Regulatory Balances (2012) credit balance of \$2,644 is the shared tax change amount resulting from the 2010 IRM Application (EB-2009-0236). The tax sharing refund amount was not material and the Board directed NT Power to record the tax sharing refund in an Account 1595 variance sub-account for disposition during the next Cost of Service Application. This explains the variance noted between the RRR filing balance and the 2017 balance.

The variance listed for the Disposition and Recovery/Refund of Regulatory Balances (2016) debit balance of \$997 is again the shared tax change amount resulting from the 2016 IRM Application (EB-2015-0088). The tax sharing refund amount was not material and the Board directed NT Power to record the tax sharing refund in an Account 1595 variance sub-account for disposition during the next Cost of Service application. This explains the variance noted between the RRR filing balance and the 2017 balance.

The variance listed for the Disposition and Recovery/Refund of Regulatory Balances (2017) debit balance of \$1,018 is again the shared tax change amount resulting from the 2016 IRM Application (EB-2016-0092). The tax sharing refund amount was not material and the Board directed NT Power to record the tax sharing refund in an Account 1595 variance sub-account for disposition during the next Cost of Service Application. This explains the variance noted between the RRR filing balance and the 2017 balance.

The variance listed for the LRAM Variance Account 1568 is the result of the principal and interest adjustments included in the 2017 continuity schedule. A principal adjustment of \$321,063 and an interest adjustment of \$10,284 were included as the 2017 balances were based on estimated 2016 LRAM data. The LRAM data has been updated to include the 2017 IESO Final Annual Verified Results.

#### 3.2.5.1 Wholesale Market Participants

#### Deferral/Variance Accounts

In accordance with the Chapter 3, a wholesale market participant refers ("WMP") 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.

NT Power's Midland rate zone currently has one WMP customer in the General Service greater than 50 kW class. NT Power WMP is classified as a General Service 50 to 4,999 kW customer. NT Power does not invoice the WMP for the Wholesale Market Service Charge, Power or Global Adjustment. The Wholesale Market Service Charge, Power and Global Adjustment are settled directly with the IESO.

#### 3.2.5.2 Global Adjustment

NT Power has completed the Global Adjustment Analysis Workform ("GA Workform") for the period January 1, 2017 to December 31, 2017 to assist in assessing the reasonability of balances in Account 1589 (Appendix 4). NT Power had seven active Class A customers for the 2017 year.

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

- NT Power bills all non-RPP customers on the 1<sup>st</sup> estimate of the GA provided by the IESO.
- NT Power bills all customers on a calendar month basis.
- NT Power confirms where a billing spans more than one month, 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.
- NT Power 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 for non-RPP Class B customers in each rate class.

The data provided in Note 4 of the GA Workform reflects actual consumption by calendar month. NT Power's 2017 GA Workform calculates the total unresolved GA differences of \$48,378 or 0.531% in 2017. The year 2017 is within the +/- 1% range of total annual IESO GA

#### Settlement Process

NT Power determines RPP eligibility for small business customers annually (General Service less than 50 kW) 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 to settle the previous month. The settlement figures are communicated 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. Ontario Fair Hydro Plan Eligible RPP Consumer Discount Settlement Amount charge type ("CT") 1142
- Ontario Fair Hydro Plan Eligible non- RPP Consumer Discount Settlement Amount CT 1143
- 3. Global Adjustment (GA) CT 147 and 148
- 4. Feed-In-Tariff (FIT) Program CT 1412
- 5. Ontario Electricity Support Program (OESP) CT 1420 and 1470
- 6. Ontario Rebate Electricity Consumers CT 9982

NT Power runs a query from its billing system to provide the following data required for the settlement submission:

- 1. Actual customer consumption from the prior month
- 2. WAP on the actual consumption from the prior month
- 3. RPP/TOU dollars on the actual consumption from the prior month

The actual customer consumption data queried is separated by bill code between RPP and non-RPP customers. This query is used to calculate all of the submissions noted above. Monthly submissions are based on actual data from the prior month. An annual true-up is performed to align the settlement submissions with the fiscal year.

NT Power bills customers based on the first monthly GA estimate. The monthly IESO submission calculates the difference between the final GA rate posted by the IESO and the first monthly estimate GA billed on actual consumption data from the previous month.

NT Power bills customers on a calendar month basis. Therefore, little if any proration for each calendar month is required in the reconciliation process. The reconciliation amount is submitted to the IESO on an annual basis and is accrued in the financial statements of the fiscal year.

#### 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.

#### NT Power's Response

NT Power follows 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).

#### NT Power's Response

In order to determine the initial RPP related GA for monthly settlement, NT Power runs a report from its billing system that calculates the total kWh's billed for the month for all Class B customers. A query is then run on the report to identify the total consumption (kWh's) billed for the month for all RPP customers.

Actual customer consumption, RPP charges, WAP and first estimate GA is generated through a billing system query. This query is used to determine RPP and non-RPP customers. The difference between the WAP and final GA rate less the Class B customer RPP rate charges is the amount included in the monthly settlement submission for CT 1142.

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.

#### NT Power's Response

Monthly true-ups only include billing corrections. If a correction is required on a bill the amount is included in the next monthly settlement submission.

The monthly submission of settlement forms submitted by day 4 after the month end are based on actual consumption and rates from the prior month. For example, the settlement submission for September, 2017 is based on actual billed consumption and rates (RPP rates, WAP and Final GA rate) for August, 2017.

Therefore, an annual true-up is conducted at year end to align the settlement submissions to the correct fiscal year. The annual true-up amounts are booked to the financial statements of the settlement year. For example, true-up's related to 2017 amounts are included in the December 31, 2017 financial statements.

c. Has CT 1142 been trued up for with the IESO for all of 2017?

#### NT Power's Response

Yes, NT Power confirms CT 1142 has been trued up with the IESO for all of 2017.

d. Which months from 2017 were trued up in 2018?

#### NT Power's Response

See response to (c) above.

e. Have all of the 2017 related true-up been reflected in the applicant's DVA Continuity Schedule in this proceeding?

#### NT Power's Response

Yes, NT Power confirms the 2017 related true-up has been reflected in the DVA continuity schedule in this proceeding. Also see (b) above.

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

#### NT Power's Response

The closing principal balances as of December 31, 2017 adjusted for disposition during 2018 in column BO of the continuity schedule is \$222,585 for GA 1589. This is total of the amounts included in the 2017 GA Analysis Workform of \$222,585. The amount in the same column for 1588 is \$74,216.

#### 3. Questions on CT 148

 Please describe the process for the initial recording of CT 148 in the accounts (i.e. 1588 and 1589).

#### NT Power's Response

In order to determine the initial RPP related GA for monthly settlement, NT Power runs a report from the billing system that calculates the total kWh's billed for the month for all Class B customers. A query is then run on the report to identify the total consumption (kWh's) billed for the month for all RPP customers. 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.

#### NT Power's Response

Monthly true-ups only include billing corrections. If a correction is required on a bill the amount is included in the next monthly settlement submission.

The monthly submission of settlement forms submitted by day 4 after the month end are based on actual consumption and rates from the prior month. For example, the settlement submission for September, 2017 was based on actual billed consumption and rates (RPP rates, WAP and Final GA rate) for August, 2017.

An annual true-up is conducted at year end to align the RPP and non-RPP costs relating to the Class B GA which are reflected in Account 1588 and 1589 to the correct fiscal year. The annual true-up amounts are booked to the financial statements of the settlement year. For example, true ups related to 2017 amounts are included in the December 31, 2017 financial statements.

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?

In order to determine the split of the RPP and non-RPP portion of CT 148 for the Class B Global Adjustment, NT Power runs a query from our billing system that calculates the total monthly kWh's billed for all Class B customers. NT Power then sorts the data by customer class to calculate the total monthly kWh's billed for RPP customers only. The RPP customer consumption amount is subtracted from the total consumption report to calculate the non-RP 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.

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?

#### NT Power's Response

An annual true-up is conducted at year end to align the RPP and non-RPP costs relating to CT148 (Class B GA) which are reflected in Account 1588 and 1589 to the correct fiscal year. The annual true-up amounts are booked to the financial statements of the settlement year. (ie: True ups related to 2017 amounts are included in the December 31, 2017 financial statements).

e. Please indicate which months from 2017 were trued up in 2018 for CT 148 proportions between RPP and non-RPP.

#### NT Power's Response

NT Power performed a true-up for 2017. The true-up aligns the settlement periods to the correct fiscal year, as the monthly settlement submissions are based on prior month actual data. The annual true-up amounts are booked to the financial statements of the settlement year. (ie: True ups related to 2017 amounts are included in the December 31, 2017 financial statements).

Yes.

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

#### NT Power's Response

As noted above in 2f) the closing principal balances as of December 31, 2017 adjusted for disposition during 2018 in column BO of the continuity schedule is \$222,585 for GA 1589. This is total of the amounts included in the 2017 GA Analysis Workform of \$222,585. The amount in the same column for 1588 is \$74,216.

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?

#### NT Power's Response

No, NT Power did not receive approval for disposition in its 2018 rate proceeding.

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.).

No principal adjustments or dispositions were approved.

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

#### NT Power's Response

No principal adjustments or dispositions were approved.

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.

#### NT Power's Response

Not applicable.

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.

#### NT Power's Response

Not applicable.

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.

Yes, these adjustments are reflected in the GL transactions in the normal course of business.

#### 3.2.5.3 Commodity Accounts 1588 and 1589

#### **RPP Settlement True- Ups**

Actual customer consumption, RPP charges, WAP and first estimate GA is generated through a billing system query. This query is used to determine RPP and non-RPP customers. The difference between the WAP and final GA rate less the Class B customer RPP rate charges is the amount included in the monthly settlement submission for CT 1142.

The RPP and non-RPP consumption amount percentages for Class B customers are then applied to the monthly charges (CT 148 Class B Global Adjustment Settlement Amount) in order to determine 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.

NP Power performs an annual true-up at year end to align the RPP and non-RPP costs relating to CT 148 (Class B GA) which are reflected in Account 1588 and 1589 to the correct fiscal year. The annual true-up amounts are booked to the financial statements of the settlement year. For example, true ups related to 2017 amounts are included in the December 31, 2017 financial statements.

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

NT Power records power purchases, GA purchases and the RPP versus Market Price Claim in applicable Cost of Power (Account 4705) and GA (Account 4707) accounts. IESO CT 1142 is recorded to Account 4705. IESO CT 148 is recorded in Account 4707. At true-up of Account 4707 is performed at year end based on the actual RPP/non-RPP consumption for the fiscal year. The annual true-up amounts are booked to the financial statements of the settlement year.

NT Power bills on a calendar month basis and bills non-RPP customers on the 1<sup>st</sup> estimate of GA provided by the IESO. NT Power records Cost of Power revenues billed in the sale of electricity accounts and has corresponding sub-accounts for GA revenues billed.

The difference between Cost of Power revenue and expenses are recorded in RSVAPower and the difference between GA revenues and expenses are recorded in RSVAGA.

NT Power confirms it does not use the actual GA price to bill non-RPP Class B consumers. NT Power uses the 1<sup>st</sup> estimate GA as previously noted. Non-RPP Class B consumers are included in the allocation of the balance of RSVA<sub>GA</sub> and the calculation of the resulting rate riders

#### Certification of Evidence- Commodity Accounts 1588 and 1589

NT Power confirms sound processes and internal controls are in place for the preparation, review, verification and oversight of the deferral and variance account balances being disposed.

# 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 2017, NT Power had seven Class A customers for the duration of the year. Tab 6.2 CBR B of Appendix 3 has a total CBR Class B allocated to current Class B customers of (\$1,738) therefore no rate rider was generated.

# 3.2.6 LRAM Variance Account (LRAMVA)

Reference Appendix 5 LRAMVA Model.

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; 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 is seeking disposition for the 2013 to 2017 LRAMVA balance which includes the CDM savings persistence from 2011 to 2015 programs. The LRAMVA balance identified for disposition as part of this Application is \$331,347 (\$321,063 principal and \$10,284 interest).

#### Statement Confirming LRAMVA was based on Verified Savings Results

NT Power confirms that the LRAMVA calculation was based on data sourced from the NT Power's Final Verified Annual CDM Report and Persistence Savings Reports issued by the IESO, as per Excel file submission.

Appendix 5 presents the LRAMVA model that includes:

- 2011 to 2014 Verified Persistence
- 2015 Verified Results
- 2016 Verified Results
- 2017 Verified Results

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 LRAMVA balances identified for disposition:

Customer Class	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	\$153,709	\$4,745	\$158,454
GS<50 kW	-\$49,430	-\$3,110	-\$52,539
GS>50 kW	\$215,671	\$8,602	\$224,273
Street Lighting	\$1,113	\$47	\$1,159
Total	\$321,063	\$10,284	\$331,347

#### LRAMVA Claim

Statement: NT Power is requesting a period of one year for LRAMVA recovery.

#### Details for the forecast CDM savings included LRAMVA calculation

NT Power has followed both the new Board LRAMVA model and 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* (CDM – EE-20120003), NT Power has used the Board's approved volumetric rates. Carrying charges were applied on a monthly basis.

NT Power's LRAMVA threshold was zero for the years 2011 and 2012 as demonstrated by the LRAMVA model. In NT Power's 2013 Cost of Service Application (EB-2012-0147) the following LRAMVA threshold was agreed upon:

Customer Classes	LRAMVA kWh	Allocation per Class	Total LRAMVA kWh Allocated per Class	Total LRAMVA kW Allocated per Class
Residential		15%	494,885	0
GS<50 kW		78%	2,573,404	0
GS>50 kW		7%	230,947	576
Street Lighting		0%	-	0
USL		0%	-	0
	3,299,236	100%	3,299,236	576

#### LRAMVA Allocation per Customer Class

The recovery of the LRAMVA principal and interest is requested to be recovered over one year in order to mitigate rate increases.

In 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 the verified actual CDM savings and carrying charges of within the LRAMVA claim of \$331,347 (\$321,063 principal and \$10,284 interest).

The Board's approved distribution rates are presented below:

#### **Distribution Volumetric Rates**

	Billing Unit	EB-2012-0147		EB-2	2013-0151		
Rate Year		2013		2013			2014
Period 1 (# months)		4		4 4		4	
Period 2 (# months)			8		8		
Residential	kWh	\$	0.0200	\$	0.0203		
GS<50	kWh	\$	0.0158	\$	0.0160		
GS>50	kW	\$	3.0849	\$	3.1235		
Street Lighting	kW	\$	8.4572	\$	8.5629		

EB-2018-0055 2019 IRM Rate Application NT Power Midland Rate Zone

	Billing Unit	EB-2014-0093	EB-2015-0088	EB-2016-0092	EB-2017-0060
Rate Year		2015	2016	2017	2018
Period 1 (# months)		4	4	4	4
Period 2 (# months)		8	8	8	8
Residential	kWh	\$ 0.0205	\$ 0.0157	\$ 0.0107	\$ 0.0054
GS<50	kWh	\$ 0.0162	\$ 0.0165	\$ 0.0167	\$ 0.0168
GS>50	kW	\$ 3.1594	\$ 3.2115	\$ 3.2581	\$ 3.2825
Street Lighting	kW	\$ 8.6614	\$ 8.8043	\$ 8.9320	\$ 8.9990

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 LRAM allocations are directed 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 analyzes 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 (GS>50kW) rate classes, based on the actual customer kW savings for the year in question.

A summary of the rate class allocations was filed in 'Tab 3-a.' of the LRAMVA work form. NT Power populated 'Tab 4. 2011-2014 CDM' and 'Tab 5. 2015-2020' with 2011 to 2016 net energy savings and persistence. The 2011 to 2017 Board approved distribution rates were filed in 'Tab 3. Distribution Rates'; therefore, the LRAMVA model calculates the 2011 to 2017 net energy savings and persistence using the Board-approved distribution volumetric rates.

#### Final Verified CDM Savings

The actual CDM savings are presented in the following table:

Description	Residential	GS<50 kW	GS>50	Street Lighting
2013 Actuals	\$6,172	\$17,223	\$15,203	<i>\$0</i>
2013 Forecast	-\$9,848	-\$40,402	-\$1,760	\$ <i>0</i>
2014 Actuals	\$11,498	\$24,187	\$25,847	\$282
2014 Forecast	-\$9,997	-\$40,917	-\$1,792	\$0
2015 Actuals	\$30,049	\$37,389	\$54,793	\$273
2015 Forecast	-\$10,096	-\$41,432	-\$1,813	\$0
2016 Actuals	\$68,289	\$38,648	\$55,567	\$277
2016 Forecast	-\$8,562	-\$42,204	-\$1,840	\$0
2017 Actuals	\$82,339	\$40,797	\$73,333	\$281
2017 Forecast	-\$6,137	-\$42,719	-\$1,868	\$0
Carrying Charges	\$4,745	-\$3,110	\$8,602	\$47
Total LRAMVA Balance	\$158,454	-\$52,539	\$224,273	\$1,159

#### Final Verified CDM Savings

#### Additional Documentation or Data Statement

Statement: No additional documentation or data was provided in support of projects that was not included in the LDC's Final CDM Annual Report from the IESO.

#### Board Approved Programs Before 2014

NT Power does not have Board approved CDM programs, therefore, a separate third-party review is not required.

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

Customer Classes	Unit	LRAMVA Rate Riders
Residential	\$/kWh	\$0.0018
GS<50 kW	\$/kWh	-\$0.0008
GS>50 kW	\$/kW	\$0.4009
Street Lighting	\$/kW	\$0.0000

#### 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 20, 2017, 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 2018 IRM Rate Generator Model ('Tab 8. STS-Tax Change' and 'Tab 9. Shared Tax-Rate Rider'), to calculate the annual tax changes that are to be allocated to the customer rate classes. NT Power would request approval to allocate the 2019 tax change sharing amount of \$1,017 to Account 1595 as the customer classes do not generate a rate rider to the fourth decimal place as required.

NT Power Midland rate zone has no changes to the service charges or loss factors approved in the 2013 Cost of Service Application (EB-2012-0147).

#### 3.2.8 Z- Factor Claims

Z factor criteria is defined as an event that incurred 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

## 3.3.5 Off-Ramp Provisions

NT Power has had no issues, conditions or excessive under or over earning as defined by the Board that would require it to depart from a Price Cap IR Index method.

# 3.4 Specific Exclusions from Price Cap IR Applications

### Appendix A: Application of Recoveries in Account 1595

NT Power has completed the tax sharing calculations in 'Tab. 9 Shared Tax' of the 2018 IRM Rate Generator model, in accordance with Chapter 3, applying the determined 50/50 sharing of the impact on NT Power's tax rates approved by the Board. As the 2019 IRM Rate Generator model did not generate a rate rider, the entire 50/50 sharing amount will be transferred to Account 1595.

#### 1595 Analysis Workform

In 2019, 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 OEB Staff to assess the residual balances in Account 1595 Sub-accounts for each vintage year are reasonable. NT Power completed the 1595 Analysis workform for 2016 in Appendix 6. In 2016, NT Power had a total residual balance of \$17,396 with a collection/ returns variance of 2.4%, below the +/- 10% unresolved difference threshold.

Appendix 1: NT Power's Current Tariff Sheet

# **Incentive Regulation Model for 2019 Filers**

Please wait as macro imports and formats your current tariff schedule

# Midland Power Utility Corporation TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0060

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#### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to an account where energy is supplied to customers residing in residential dwelling units. Energy is generally supplied as a single phase, 3-wire, 60-Hertz, having a nominal voltage of 120/240 Volts and having only one Delivery Point per dwelling. For the purposes of calculating customer connection fees, the Basic Connection for Residential customers is defined as 100 amp 120/240 volt overhead service. A residential building is supplied at one service voltage per land parcel. Street Townhouses and Condominiums requiring centralization bulk metering are covered under General Service Classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge	\$	26.99
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0054
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# **Incentive Regulation Model for 2019 Filers GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification refers to the supply of electrical energy to General Service Buildings requiring a connection with a connected load less than 50 kW, and, Townhouses and Condominiums that require centralized bulk metering. General Service buildings are defined as buildings that are used for purposes other than single-family dwellings. A General Service building is supplied at one 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 Debt Retirement Charge, the Global Adjustment and the HST.

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

Service Charge	\$	22.79
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0168
Low Voltage Service Rate	\$/kWh	0.0018
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# **Incentive Regulation Model for 2019 Filers**

#### **GENERAL SERVICE 50 TO 4.999 KW SERVICE CLASSIFICATION**

This classification refers to the supply of electrical energy to General Service customers requiring a connection with a connected load equal to or greater than 50 kW and less than 5,000 kW. A General Service building is supplied at one service voltage per land parcel. Depending on the location of the building, primary supplies to transformers and Customer owned Sub-Stations will be one of the following as determined by the Distributor:

- 2,400/4,160 volts 3 Phase 4Wire
- 4,800/8,320 volts 3 Phase 4 Wire
- 7,200/12,400 volts 3 Phase 4 Wire
- 8,000/13,800 volts 3 Phase 4 Wire
- 16,000/27,600 volts 3 Phase 4 Wire
- 44,000 Volts 3 Phase 3 Wire

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.

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

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

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

Service Charge	¢	64.44
5	\$	64.41
Distribution Volumetric Rate	\$/kW	3.2825
Low Voltage Service Rate	\$/kW	0.7282
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4023)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.6335
Retail Transmission Rate - Network Service Rate	\$/kW	2.4232
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8941
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Incentive Regulation Model for 2019 Filers

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge (per customer)	\$	10.54
Distribution Volumetric Rate	\$/kWh	0.0113
Low Voltage Service Rate	\$/kWh	0.0018
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

\$/kWh

\$

0.0003

0.25

# **Incentive Regulation Model for 2019 Filers** STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

Service Charge (per connection)	\$	3.90
Distribution Volumetric Rate	\$/kW	8.9990
Low Voltage Service Rate	\$/kW	0.5629
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.2217
Retail Transmission Rate - Network Service Rate	\$/kW	1.8277
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4643
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032

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

# **Incentive Regulation Model for 2019 Filers**

#### 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	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

#### SPECIFIC SERVICE CHARGES

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

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

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#### **Customer Administration**

Notification charge	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year	\$	22.35
(with the exception of wireless attachments)		
Interval meter load management tool charge \$/month	\$	25.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00

# **Incentive Regulation Model for 2019 Filers** RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

#### LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0682
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0576

Appendix 2: NT Power's Proposed 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-2018-0052

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to an account where energy is supplied to customers residing in residential dwelling units. Energy is generally supplied as a single phase, 3-wire, 60-Hertz, having a nominal voltage of 120/240 Volts and having only one Delivery Point per dwelling. For the purposes of calculating customer connection fees, the Basic Connection for Residential customers is defined as 100 amp 120/240 volt overhead service. A residential building is supplied at one service voltage per land parcel. Street Townhouses and Condominiums requiring centralization bulk metering are covered under General Service Classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

Service Charge	\$	30.85
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0029
effective until April 30, 2021	\$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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approved schedules of Rates, Charges and Loss Factors

EB-2018-0052

0.25

\$

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

This classification refers to the supply of electrical energy to General Service Buildings requiring a connection with a connected load less than 50 kW, and, Townhouses and Condominiums that require centralized bulk metering. General Service buildings are defined as buildings that are used for purposes other than single-family dwellings. A General Service building is supplied at one 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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	22.96
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0169
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kWh	0.0018
Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0029
effective until April 30, 2021	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

Effective and Implementation Date May 1, 2019

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EB-2018-0052

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

This classification refers to the supply of electrical energy to General Service customers requiring a connection with a connected load equal to or greater than 50 kW and less than 5,000 kW. A General Service building is supplied at one service voltage per land parcel. Depending on the location of the building, primary supplies to transformers and Customer owned Sub-Stations will be one of the following as determined by the Distributor:

- 2,400/4,160 volts 3 Phase 4Wire
- 4,800/8,320 volts 3 Phase 4 Wire
- 7,200/12,400 volts 3 Phase 4 Wire
- 8,000/13,800 volts 3 Phase 4 Wire
- 16,000/27,600 volts 3 Phase 4 Wire
- 44,000 Volts 3 Phase 3 Wire

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.

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

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

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

Service Charge	\$	64.89
Distribution Volumetric Rate	\$/kW	3.3071
Low Voltage Service Rate	\$/kW	0.7282
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kWh	0.0029
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.4009
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/KVV	0.4009
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2117)

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

approved schedules of Rates, Charges and Loss Factors

		EB-2018-0052
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.5257
Retail Transmission Rate - Network Service Rate	\$/kW	2.4187
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8945
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

approved schedules of Rates, Charges and Loss Factors

EB-2018-0052

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

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

Service Charge (per customer)	\$	10.62
Distribution Volumetric Rate	\$/kWh	0.0114
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kWh	0.0018
Applicable only for Non-RPP Customers	\$/kWh	0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0052

## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

Service Charge (per connection)	\$	3.93
Distribution Volumetric Rate	\$/kW	9.0665
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers	\$/kW	0.5629
	\$/kWh	0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.3278
Retail Transmission Rate - Network Service Rate	\$/kW	1.8243
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4646
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

approved schedules of Rates, Charges and Loss Factors

EB-2018-0052

## 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	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

## SPECIFIC SERVICE CHARGES

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

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

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#### **Customer Administration**

Notification charge	\$ 15.00
Account history	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Legal letter charge	\$ 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00

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

EB-2018-0052

Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year	\$	22.35
(with the exception of wireless attachments)		
Interval meter load management tool charge \$/month	\$	25.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00
DETAIL SEDVICE CHADGES (if applicable)		

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		

Settlement Code directly to retailers and customers, if not delivered electronically through the

## Effective and Implementation Date May 1, 2019

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2018-0052

1.0576

Electronic Business Transaction (EBT) system, applied to the requesting party	
Up to twice a year	\$ no charge
More than twice a year, per request (plus incremental delivery costs)	\$ 2.00

## LOSS FACIORS

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 1.0682

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

# Appendix 3: 2018 IRM Rate Generator

(Presented in PDF and Excel Format)

			Version	2.0
Utility Name	Midland Power Utility Corporation	n		
Assigned EB Number	EB-2018-0052			
Name of Contact and Title	Christine Bell			
Phone Number	705-526-9362 ext. 219			
Email Address	cbell@midlandpuc.on.ca			
We are applying for rates effective	May-01-19			
Rate-Setting Method	Price Cap IR			
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2018			
Please indicate the last Cost of Service Re-Basing Year	2013			
Legend				
Pale green cells represent input c	ells.			
Pale blue cells represent drop-dov	wn lists. The applicant should select	the appropriate item from the drop-	down list.	
Pale grey cell represent auto-pop	ulated RRR data			
White cells contain fixed values, a	automatically generated values or for	mulae.		
Note: 1. Rate year of application				

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your IRM ap plication. 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. Exc ept 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 asis ting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

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

Please wait as macro imports and formats your current tariff schedule

# Midland Power Utility Corporation TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2017-0060

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to an account where energy is supplied to customers residing in residential dwelling units. Energy is generally supplied as a single phase, 3-wire, 60-Hertz, having a nominal voltage of 120/240 Volts and having only one Delivery Point per dwelling. For the purposes of calculating customer connection fees, the Basic Connection for Residential customers is defined as 100 amp 120/240 volt overhead service. A residential building is supplied at one service voltage per land parcel. Street Townhouses and Condominiums requiring centralization bulk metering are covered under General Service Classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	26.99
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0054
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003

2. Current Tariff Schedule

0.25

\$

# 🔯 Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

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

This classification refers to the supply of electrical energy to General Service Buildings requiring a connection with a connected load less than 50 kW, and, Townhouses and Condominiums that require centralized bulk metering. General Service buildings are defined as buildings that are used for purposes other than single-family dwellings. A General Service building is supplied at one 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.

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

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

Service Charge	\$	22.79
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0168
Low Voltage Service Rate	\$/kWh	0.0018
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWh0.0004Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.0003Standard Supply Service - Administrative Charge (if applicable)\$0.25

# 🔯 Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

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

This classification refers to the supply of electrical energy to General Service customers requiring a connection with a connected load equal to or greater than 50 kW and less than 5,000 kW. A General Service building is supplied at one service voltage per land parcel. Depending on the location of the building, primary supplies to transformers and Customer owned Sub-Stations will be one of the following as determined by the Distributor:

- 2,400/4,160 volts 3 Phase 4Wire
- 4,800/8,320 volts 3 Phase 4 Wire
- 7,200/12,400 volts 3 Phase 4 Wire
- 8,000/13,800 volts 3 Phase 4 Wire
- 16,000/27,600 volts 3 Phase 4 Wire
- 44,000 Volts 3 Phase 3 Wire

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

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

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

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

Service Charge	\$	64.41
Distribution Volumetric Rate	\$/kW	3.2825
Low Voltage Service Rate	\$/kW	0.7282
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.4023)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.6335
Retail Transmission Rate - Network Service Rate	\$/kW	2.4232
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8941

#### MONTHLY RATES AND CHARGES - Regulatory Component

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

# 🐼 Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

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

Service Charge (per customer)	\$	10.54
Distribution Volumetric Rate	\$/kWh	0.0113
Low Voltage Service Rate	\$/kWh	0.0018
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

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

# 🔯 Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge (per connection)	\$	3.90
Distribution Volumetric Rate	\$/kW	8.9990
Low Voltage Service Rate	\$/kW	0.5629
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	0.2217
Retail Transmission Rate - Network Service Rate	\$/kW	1.8277
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4643

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

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

# 🔯 Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

## microFIT SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/KW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

## SPECIFIC SERVICE CHARGES

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

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

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

#### **Customer Administration**

Notification charge	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

#### Other

# Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

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Interval meter load management tool charge \$/month	\$	25.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00

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

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

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

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

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

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

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

## LOSS FACTORS

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

l otal Loss Factor - Secondary Metered Customer < 5,000 kW	1.0682
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0576

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

				2012					
Opening Principal Amounts as of Jan 1, 2012	Transactions Debit / (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
				0					0
				0 0					0
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			2			0	0		
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				2013					
Opening Principal Amounts as of Jan 1, 2013	Transactions Debit / (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013
0				0	0				
0				0	0				(
0				0	0				
0				0	0				
0				0	0				
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0	0	0	0	0	0	0	0	0	
0	0			0	0	0	0	0	
0	0			0	0	0	0	0	
				0					
0	0	0	0	0	0	0	0	0	

				2014								
Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014	Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015
0				0	-				0	0		
0				0	0				0	0		
0				0	0				0	0		
0				0	0				0	0		
0				0	0				0	0		
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0				0	0				0	0		
0				0	0				0	0		
0				0	0				0	0		
0				0	0				0	0		
0				0	0				0	0	(220,308)	159,304
0				0	0				0	0		
0				0	0				0	0		
0				0	0				0	0		
0	0	0	0	0	0		0	0		0	0	
0	0	0		0	0			0		0	(220,308) (220,308)	159,304 159,304
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0				0	0				0	0		
				-	-							
0	0	C	0 0	0	0	0	0	0	0	0	(220,308)	159,304

					2015	
Closing Interest Amounts as of Dec 31, 2015	Interest Adjustments <sup>1</sup> during 2015	OEB-Approved Disposition during 2015	Interest Jan 1 to Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Closing Principal Balance as of Dec 31, 2015	Principal Adjustments <sup>1</sup> during 2015
2,59	2,597			0	279,779	279,779
,	(38)			0	(3,571)	(3,571)
	(2,282)			0	(391,009)	(391,009)
	( / · · · /			0	0	(
				0	0	
	1,611			0	71,202	71,202
	455			0	69,966	69,966
(4,623	(4,623)			0	97,390	97,390
8,53	8,536			0	646,617	646,617
				0	0	
				0	0	
				0	0	
493,90		(495,639)	(1,738)	0	(379,612)	
,		(	( )/	0	0	
				0	0	
				0	0	
8,53	8,536	0	0	0	646,617	646,617
,	(2,279)	(495,639)	(1,738)	0	(255,856)	123,756
	6,256	(495,639)	(1,738)	0	390,760	770,372
				0	0	
500,15	6,256	(495,639)	(1,738)	0	390,760	770,372

				2016				
Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016
279,779	260,621	88,372		452,028	2,597	3,726	1,736	
(3,571)	1,062	1,767		(4,276)	(38)	5,720	54	
(391,009)	(219,291)	(35,597)		(574,703)	(30)	(5,512)	(424)	
(331,003)	(213,231)	(00,007)		(374,703)	(2,202)	(3,312)	(+2+)	
0	40,400			40,400	0	347		
71,202	13.221	56,002		28,421	1,611	408	772	
69,966	33,212	8,625		94,553	455	943	(66)	
97,390	(12,117)	39,535		45,738	(4,623)	1,395	(4,461)	
646,617	(31,110)	411,478		204,028	8,536	4,853	8,044	
0	(01,110)	,		0	0	1,000	0,011	
0				0	0			
0				0	0			
(379,612)	(110,051)			(489,663)	493,901	(5,136)		
0	(368,293)	(626,954)		258,662	435,501	2,826	74,352	
0	(300,293)	(020,934)		230,002	0	2,020	74,332	
0				0	0			
0				0	0			
646,617	(31,110)	411,478	0	204,028	8,536	4,853	8,044	
(255,856)	(361,235)	(468,250)	0	(148,841)	491,622	(930)	71,963	
390,760	(392,345)	(56,772)	0	55,187	500,158	3,923	80,007	
0				0	0			
390,760	(392,345)	(56,772)	0	55,187	500,158	3,923	80.007	

					2017					
Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017
4,587	452,028	261,175	191,407		521,796	4,587	5,361	3,668		6,280
(20)	(4,276)	(2,803)	(1,804)		(5,275)	(20)	(51)			(61)
(7,370)	(574,703)	(172,890)	(404,009)		(343,584)	(7,370)	(4,435)	(7,942)		(3,863)
(1,010)	0	(2,000)	(101,000)		(0.10,00.1)	(1,010)	(1,100)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(0,000)
347	40,400	(1,353)	48,597		(9,550)	347	61	871		(463)
1,248	28,421	(31,966)	15,200		(18,745)	1,248	(65)	1,063		120
1,464	94,553	(17,015)	61,341		16,197	1,464	494	1,421		538
1,232	45,738	74,216	57,855		62,099	1,232	3,461	686		4,007
5,344	204,028	222,586	235,138		191,475	5,344	6,025			7,430
0	0	,	,		0	0		-,		C
0	0				0	0				C
0	0				0	0				0
488,766	(489,663)				(489,663)	488,766	(5,876)			482,890
(71,526)	258,662	(171,140)			87,522	(71,526)	1,400			(70,126)
(* ,,===)	0	(139,537)	(233,842)		94,305	0		15,082		(13,907)
Ũ	Ű	(100,001)	(200,012)		01,000	0	.,	10,002		(10,001)
0	0				0	0				C
5,344	204,028	222,586	235,138	0	191,475	5,344	6,025	3,940	0	7,430
418,729	(148,841)	(201,313)	(265,256)	0	(84,898)	418,729	1,525	14,839	0	
424,073	55,187	21,273	(30,118)	0	106,578	424,073	7,550	18,779	0	
0	0	130,426	0	216,702	347,128	0	2,570		9,311	11,881
424,073	55,187	151,699	(30,118)	216,702	453,706	424,073	10,120	18,779	9,311	424,726

2018										
Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018							
000.001		004 475	1 500							
260,621	4,747	261,175	1,533							
(2,472)	(46)	(2,803)	(15)							
(170,694)	(7,508)	(172,890)	3,645							
(0.407)	448	0	0							
(8,197) 13,221	448	(1,353) (31,966)	(911) (369)							
33,212	1,270	(17,015)	(732)							
(12,117)	1,703	74.216	2.304							
(31,110)	6,107	222,585	1,323							
(-,,,	-,	,000	0							
		0	0							
		0	0							
(489,663)	481,053	0	1,836							
(	- ,	87.522	(70,126)							
		94,305								
		0	0							
(31,110)	6,107	222,585	1,323							
(376,089)	482,156	291,191	(76,741)							
(407,199)	488,263	513,777	(75,418)							
		347,128	11,881							
(407,199)	488,263	860,905	(63,537)							

	2.1.7 RRR		alances	n Dec-31-17 B	ojected Interest	Pi	
Variance RRR vs. 2017 Balance (Principal + Interest)	As of Dec 31, 2017	aim	2018 on Dec 31, 2019 to Apr 30, 2019 on Dec 31, adjusted for 2017 balance adjusted for Total Interest Total Claim		2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for Total Interest Total Claim		Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>
C	528,076	270,264		9,090	1,889	5.667	
C	(5,336)	(2,899)		(96)	(20)	(61)	
(10,013)	(357,459)	(174,247)		(1,357)	(1,251)	(3,752)	
C	0	0		0	0	0	
20,025	10,013	(2,303)		(950)	(10)	(29)	
C	(18,625)	(33,260)		(1,294)	(231)	(694)	
C	16,735	(18,240)		(1,224)	(123)	(369)	
C	66,106	78,667		4,451	537	1,610	
C	198,905	230,348		7,763	1,610	4,830	
(2,644)	(2,644)	0	Dispose of Account	0	0	0	
C	0	0	Heck to Dispose of Account	0	0	0	
(	0	0	Deck to Dispose of Account	0	0	0	
(	(6,774)	0	heck to Dispose of Account	1,836	0	0	
997	18,394	19,929	Mark to Dispose of Account	(67,593)	633	1,899	
1,018	81,417	t 0	☐ Theck to Dispose of Account	(11,178)	682	2,046	
C		0	• (Theck to Dispose of Account	0	0	0	
C	198,905	230,348		7,763	1,610	4,830	
	319,889	137,912		(68,316)	2,106	6,319	
(629	518,794	368,261		(60,553)	3,716	11,149	
(226,014	132,995	359,009		11,881			
(226,642	651,789	727,270		(48,672)	3,716	11,149	

## Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

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

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

If you have identified any issues, please contact the OEB.

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)	RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW 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>	1595 Recovery Proportion (2016) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	46,632,749	0	3,731,148	0	0	0	46,632,749	0	10%	158,454	6,392
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	22,630,791	0	5,279,366	0	0	0	22,630,791	0	6%	-52,539	768
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	112,104,166	287,646	98,510,364	253,201	3,744,911	6972	108,359,255	280,674	84%	224,273	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	395,187	0	94,320	0	0	0	395,187	0	0%		
STREET LIGHTING SERVICE CLASSIFICATION	kW	519,882	1,411	485,645	1,317	0	0	519,882	1,411	1%	1,159	
	Total	182,282,775	289,057	108,100,843	254,518	3,744,911	6,972	178,537,864	282,085	100%	331,347	7,160

#### Threshold Test

Total Claim (including Account 1568)	\$727,270
Total Claim for Threshold Test (All Group 1 Accounts)	\$368,261
Threshold Test (Total claim per kWh) <sup>2</sup>	\$0.0020

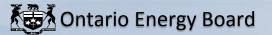
<sup>1</sup> Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

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

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

1568 Account Balance from Continuity Schedule 359,009 Total Balance of Account 1568 in Column S DOES NOT MATCH the

amount entered on the Continuity Schedule



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	% of Total kWh			ocated based on Total less WMP			ocated based on Total less WMP		
Rate Class	Customer	adjusted for								
	% of Total kWh Numbers **	WMP	1550	1551	1580	1584	1586	1588	1595_(2016)	1568

K	Ontario Energy Board					
	Incentive Regulation	on Mod	el for 2019 Filers			
1	Please select the Year the Account 1580 CBR Class B was Last Disposed.	2016	(e.g. If in the 2018 EDR process, you received approva 2016, enter 2016.)	I to dispose the GA varia	ance account balance a	as at December 31,
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to 2017)?	Yes	(e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 and 2017.)			
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to 2017)?	Yes	(e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017.)			
3a	Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.	7				
		Transition Customers -	Non-loss Adjusted Billing Determinants by Customer	1	20	17
		Customer	Rate Class		January to June	July to December
		Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	4,677,953	5,358,435
				kW	10,982	11,106
				Class A/B	В	А
		Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,956,456	1,980,025
				kW Class A /R	3,674 B	3,767 A
		Customer 3	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	в 8,438,789	A 8,705,431
		customer 5	GENERAL SERVICE SO TO 4,555 KW SERVICE CLASSIFICATION	kWi	14,809	15,263
				Class A/B	В	Α
		Customer 4	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	2,756,930	1,475,598
				kW	5,685	4,612
				Class A/B	В	A
		Customer 5	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,433,578	1,387,385
				kW Class A /R	5,563	5,390
		Customer 6	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	B 2,468,556	A 2,804,835
		customer o	SERVICE SERVICE SO TO 4,555 KW SERVICE CLASSIFICATION	kWi	2,408,556	2,604,635
				Class A/B	В	A 8,052
		Customer 7	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh		2,350,799

Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).

3b

Class A Customers - Billing Determinants by Customer
Customer
R Rate Class 2017

5,358,435

1,980,025

8,705,431 15,263 A 1,475,598

4,612 А

1,387,385

2,804,835

8,052 А 2,350,799

5,057

А

5,390 Δ

11,106 Α

3,767 Α 

В

4,863

kWh kW

Class A/B



This tab allocates the GA balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current GA balance. The tables below calculate specific amounts for each customer who made the change. The general GA rate rider to non-RPP customers is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Year the Account 1589 GA Balance Last Disposed

2016

Allocation of total Non-RPP Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2017
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or			
full year)	А	98,510,364	98,510,364
Transition Customers' Class B Consumption (i.e. full year or partial			
year)	В	24,135,456	24,135,456
Transition Customers' Portion of Total Consumption	C=B/A	24.50%	

## Allocation of Total GA Balance \$

Total GA Balance	D	\$ 230,348
Transition Customers Portion of GA Balance	E=C*D	\$ 56,436
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	F=D-E	\$ 173,912

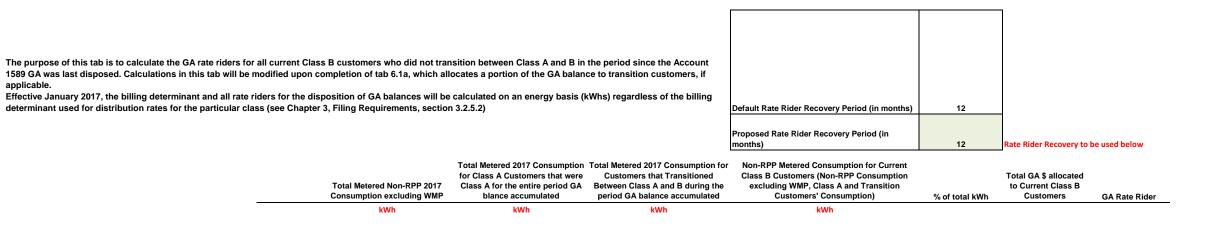
## Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	7					
Customer	for Transition Customers During the Period WhenThey Were Class B	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017		Customer Specific GA Allocation for the Period When They Were a Class B customer	Equ	nthly Ial ments
Customer 1	4,677,953	4,677,953	19.38%	\$ 10,939	\$	912
Customer 2	1,956,456	1,956,456	8.11%	\$ 4,575	\$	381
Customer 3	8,438,789	8,438,789	34.96%	\$ 19,733	\$	1,644
Customer 4	2,756,930	2,756,930	11.42%	\$ 6,447	\$	537
Customer 5	1,433,578	1,433,578	5.94%	\$ 3,352	\$	279
Customer 6	2,468,556	2,468,556	10.23%	\$ 5,772	\$	481
Customer 7	2,403,193	2,403,193	9.96%	\$ 5,619	\$	468
Total	24,135,456	24,135,456	100.00%	\$ 56,436		

Ontario Energy Board

applicable.

# **Incentive Regulation Model for 2019 Filers**





This tab allocates the CBR Class B balance to transition customers (i.e Class A customers who were former Class B customers and Class B customers who were former Class A customers) who contributed to the current CBR Class B balance. The tables below calculate specific amounts for each customer who made the change. The general CBR Class B rate rider is not to be charged to the transition customers that are allocated amounts in the table below. Consistent with prior decisions, distributors are generally expected to settle the amount through 12 equal adjustments to bills.

Please enter the Year the Account 1580 CBR Class B was Last Disposed.

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

#### Allocation of total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2017
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	98,510,364	98,510,364
Transition Customers' Class B Consumption (i.e. full year or partial year)	В	24,135,456	24,135,456
Transition Customers' Portion of Total Consumption	C=B/A	24.50%	74,374,908

#### Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	D	-\$	2,303
Transition Customers Portion of CBR Class B Balance	E=D*C	-\$	564
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	F=D-E	-\$	1,739

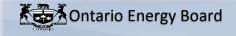
#### Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	7				
Customer	Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	% of kWh	-	Monthly Equal Payments
Customer 1	4,677,953	4,677,953	19.38%	-\$ 109	-\$ 9
Customer 2	1,956,456	1,956,456	8.11%	-\$ 46	-\$ 4
Customer 3	8,438,789	8,438,789	34.96%	-\$ 197	-\$ 16
Customer 4	2,756,930	2,756,930	11.42%	-\$ 64	-\$ 5
Customer 5	1,433,578	1,433,578	5.94%	-\$ 34	-\$ 3
Customer 6	2,468,556	2,468,556	10.23%	-\$ 58	-\$ 5
Customer 7	2,403,193	2,403,193	9.96%	-\$ 56	-\$ 5
Total	24,135,456	24,135,456	100.00%	-\$ 564	-\$ 47

# Contario Energy Board **Incentive Regulation Model for 2019 Filers**

The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed.	(Note: Acc	count 1580, Sub-	account CBR Class B wa	s established s	starting in 2015)							
				were Class A for	r Total Metered 2017 Consur					Total CBR Class B \$ allocated to Current		
		letered 2017 ion Minus WMP	the entire period CBR ( accumula		that Transitioned Between the period CBR Class B b		A and Transition Custom		% of total kWh	Class B Customers	CBR Class B Rate Rider	Unit
	kWh	kW	kWh	kW	kWh	kW	kWh	kW	78 OF LOLAI KWIT	Glass D Gustomers	Rider	onit



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

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

 12

 Rate Rider Recovery to be used below

 24

 Rate Rider Recovery to be used below

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

# Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

#### Summary - Sharing of Tax Change Forecast Amounts

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

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2013	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB- Approved Rate Base)	15,976,736	\$ 15,976,736
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 15,976,736	\$ 15,976,736
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	\$ 11,483	\$ 11,483
Corporate Tax Rate	15.50%	26.50%
Tax Impact	\$ 1,780	\$ 3,043
Grossed-up Tax Amount	\$ 2,106	\$ 4,140
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 2,106	\$ 4,140
Total Tax Related Amounts	\$ 2,106	\$ 4,140
Incremental Tax Savings		\$ 2,034
Sharing of Tax Amount (50%)		\$ 1,017

Contario Energy Board

### **Incentive Regulation Model for 2019 Filers**

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

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

					Re-based	Re-based		Distribution	Distribution			Distribution	Distribution Volumetric	
				Re-based	Distribution	Distribution		Volumetric Rate	Volumetric Rate	Revenue		Volumetric Rate	Rate	
	Re-based Billed	Re-based Billed	Re-based Billed	Service	Volumetric Rate	Volumetric Rate	Service Charge	Revenue	Revenue	Requirement from	Service Charge	% Revenue	% Revenue	
Rate Class	Customers or Connections	kWh	kW	Charge	kWh	kW	Revenue	kWh	kW	Rates	% Revenue	kWh	kW	Total % Revenue

Contario Energy Board

# **Incentive Regulation Model for 2019 Filers**

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	46,632,749	0	1.0682	49,813,102
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	46,632,749	0	1.0682	49,813,102
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	22,630,791	0	1.0682	24,174,211
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	22,630,791	0	1.0682	24,174,211
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4232	112,104,166	287,646		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8941	112,104,166	287,646		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059	395,187	0	1.0682	422,139
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	395,187	0	1.0682	422,139
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8277	519,882	1,411		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4643	519,882	1,411		

### Ontario Energy Board

# **Incentive Regulation Model for 2019 Filers**

Uniform Transmission Rates	Unit		2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates	Unit		2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.5203
If needed, add extra host here. (I)	Unit		2017	2018	2019
Rate Description			Rate	Rate	Rate
Rate Description Network Service Rate	kW		Rate	Rate	Rate
	kW kW		Rate	Rate	Rate
Network Service Rate			Rate	Rate	Rate
Network Service Rate	kW	\$	Rate	\$ Rate	\$ Rate 
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate	kW kW	\$	Rate -	\$ Rate - 2018	\$ Rate - 2019
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate	kW kW kW	\$		\$	\$
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate	kW kW kW	\$	2017	\$ - 2018	\$ - 2019
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description	kW KW KW Unit	\$	2017	\$ - 2018	\$ - 2019
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate	kW kW kW Unit	S	2017	\$ - 2018	\$ - 2019
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate Line Connection Service Rate	kW kW W Unit kW kW	\$	2017	\$ - 2018	\$ - 2019
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate Line Connection Service Rate Transformation Connection Service Rate	kW kW Unit kW kW	5	2017	\$ - 2018	\$ - 2019

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

IESO		Network			ne Connect			rmation Co		Total Conr	
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	nt
January		\$0.00			\$0.00			\$0.00		\$	
February		\$0.00			\$0.00			\$0.00		\$	
March		\$0.00			\$0.00			\$0.00		\$	-
April		\$0.00			\$0.00			\$0.00		\$	-
May		\$0.00			\$0.00			\$0.00		Ŝ	
June		\$0.00			\$0.00			\$0.00		\$	
July		\$0.00			\$0.00			\$0.00		\$	
August		\$0.00			\$0.00			\$0.00		\$	
September		\$0.00			\$0.00			\$0.00		\$	
October		\$0.00			\$0.00			\$0.00		\$	
November		\$0.00			\$0.00			\$0.00		\$	
December		\$0.00			\$0.00			\$0.00		ŝ	
										•	
Total	- 9	<u>è -</u>	\$ -	-	\$-	\$ -	· · ·	\$-	\$ -	\$	-
Hydro One		Network		Lir	ne Connect	lion	Transfo	rmation Co	onnection	Total Conr	nection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	int
lanuari	20,002	\$2.4040	¢ 00.200	20,002	CO 7740	¢ 00.740	20,002	¢4 7400	¢ 50.000	¢	77 004
January	30,802	\$3.1942	\$ 98,389	30,802	\$0.7710	\$ 23,749	30,802	\$1.7493	\$ 53,883	\$	77,631
February	30,210	\$3.1942	\$ 96,495	30,210	\$0.7710	\$ 23,292	30,210	\$1.7493	\$ 52,846	\$	76,137
March	29,681	\$3.1942	\$ 94,806	29,681	\$0.7710	\$ 22,884	29,681	\$1.7493	\$ 51,921	\$	74,804
April	27,733	\$3.1942	\$ 88,584	27,733	\$0.7710	\$ 21,382	27,733	\$1.7493	\$ 48,513	\$	69,895
May	29,239	\$3.1942	\$ 93,395	29,239		\$ 22,543	29,239	\$1.7493	\$ 51,148	\$	73,691
June	31,275	\$3.1942	\$ 99,897	31,275	\$0.7710	\$ 24,113	31,275	\$1.7493	\$ 54,709	\$	78,821
July	31,722	\$3.1942	\$ 101,327	31,722	\$0.7710	\$ 24,458	31,722	\$1.7493	\$ 55,492	\$	79,949
August	32,476	\$3.1942	\$ 103,735	32,476	\$0.7710	\$ 25,039	32,476	\$1.7493	\$ 56,810	\$	81,849
September	34,837	\$3.1942	\$ 111,275	34,837	\$0.7710	\$ 26,859	34,837	\$1.7493	\$ 60,940	\$	87,799
October	27,740	\$3.1942	\$ 88,607	27,740	\$0.7710	\$ 21,388	27,740	\$1.7493	\$ 48,526	ŝ	69,913
November	28,835	\$3.1942	\$ 92,105	28,835	\$0.7710	\$ 22,232	28,835	\$1.7493	\$ 50,441	\$	72,673
December	32,146	\$3.1942	\$ 102,681	32,146		\$ 22,232 \$ 24,785	32,146		\$ 56,233	ъ \$	81,017
December	52,140	ψJ.1342	φ 102,001	52,140	ψ0.7710	ψ 24,703	52,140	ψ1.7435	φ 30,233	Ψ	01,017
Total	366,695	\$ 3.1942	\$ 1,171,296	366,695	\$ 0.7710	\$ 282,722	366,695	\$ 1.7493	\$ 641,459	\$	924,181
Add Extra Host Here (I)		Network		Lir	ne Connect	tion	Transfo	rmation Co	onnection	Total Conr	nection
(if needed)											
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	nt
January	5	s -			\$ -			\$ -		\$	-
February		ç .			ŝ.			\$ -		\$	
March		¢ _			¢			¢		\$	
		р -			 -			ф -			•
April		ş -			\$ -			\$ -		\$	-
May		5 -			\$ -			\$ -		\$	-
June		\$-			\$ -			\$ -		\$	-
July	5	\$-			\$ -			\$ -		\$	-
August	9	\$-			\$ -			\$ -		\$	-
September	5	s -			\$ -			\$ -		\$	-
October	9	s -			\$ -			\$ -		Ŝ	
November		\$-			¢			¢		\$	
		•			<b>ə</b> -			<b>ə</b> -		•	-
December		\$ -			\$ -			\$-		\$	-
Total		<u></u>	<u>^</u>		¢	<b>^</b>		¢	¢	<u>^</u>	
Total	- 9	<u>, -</u>	\$-		\$-	\$-		\$-	\$-	\$	
Add Extra Host Here (II)		Network		Lir	ne Connect	tion	Transfo	rmation Co	onnection	Total Conr	nection
(if needed)											
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	nt
January	9	s -			s -			\$ -		\$	-
February		s -			\$ .			\$ -		\$	
		р - с			ф -			ф - ¢		э \$	-
March		р -			<b>ə</b> -			<b>ə</b> -		•	-
April		\$-			ъ -			ъ -		\$	-
May		\$-			\$ -			\$ -		\$	-
June		\$-			\$ -			\$-		\$	-
July		\$-			\$ -			\$ -		\$	-
August	5	\$-			\$ -			\$ -		\$	-
September		\$-			\$ -			\$ -		\$	-
October		\$-			s -			\$ -		\$	-
November		\$-			\$ -			\$-		\$	-
								•			-
December	:	\$-			\$ -			\$ -		\$	-
Total	- 9	\$ -	\$-	-	\$-	\$ -	-	\$-	\$ -	\$	-
Total		Network	<u>.</u>	Lir	ne Connect	tion	Transfor	rmation Co	nnaction	Total Conr	action
		Network			le connect	lion	Transio		meetion	Total Conr	lection
- Otal		Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	.nt
Month	Units Billed	Rute			\$ 0.7710	\$ 23,749	30,802	\$ 1.7493		\$	77,631
	30,802	\$ 3.1942		30,802	φ 0.1110						
Month		\$ 3.1942			\$ 0.7710	\$ 23,292	30,210	\$ 1.7493		\$	76,137
Month January	30,802	\$	\$ 96,495	30,210		\$ 23,292 \$ 22,884	30,210 29,681	\$ 1.7493 \$ 1.7493			76,137 74,804
Month January February March	30,802 \$ 30,210 \$ 29,681 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806	30,210 29,681	\$ 0.7710 \$ 0.7710	\$ 22,884	29,681	\$ 1.7493	\$ 52,846 \$ 51,921	\$ \$	74,804
<b>Month</b> January February March April	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584	30,210 29,681 27,733	\$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382	29,681 27,733	\$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513	\$ \$ \$	74,804 69,895
<b>Month</b> January February March April May	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 29,239 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395	30,210 29,681 27,733 29,239	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543	29,681 27,733 29,239	\$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148	\$ \$ \$	74,804 69,895 73,691
Month January February March April May June	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 29,239 \$ 31,275 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897	30,210 29,681 27,733 29,239 31,275	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543 \$ 24,113	29,681 27,733 29,239 31,275	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709	\$ \$ \$ \$ \$	74,804 69,895 73,691 78,821
Month January February March April May June July	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 29,239 \$ 31,275 \$ 31,722 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897 \$ 101,327	30,210 29,681 27,733 29,239 31,275 31,722	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	<ul> <li>\$ 22,884</li> <li>\$ 21,382</li> <li>\$ 22,543</li> <li>\$ 24,113</li> <li>\$ 24,458</li> </ul>	29,681 27,733 29,239 31,275 31,722	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 55,492	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	74,804 69,895 73,691 78,821 79,949
Month January February March April May June July August	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 29,239 \$ 31,275 \$ 31,275 \$ 32,476 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897 \$ 101,327 \$ 103,735	30,210 29,681 27,733 29,239 31,275 31,722 32,476	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543 \$ 24,113 \$ 24,458 \$ 25,039	29,681 27,733 29,239 31,275 31,722 32,476	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 55,492 \$ 56,810	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	74,804 69,895 73,691 78,821 79,949 81,849
Month January February March April May June July August September	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 31,275 \$ 31,275 \$ 32,476 \$ 34,837 \$	\$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543 \$ 24,113 \$ 24,458 \$ 25,039 \$ 26,859	29,681 27,733 29,239 31,275 31,722 32,476 34,837	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 55,492 \$ 56,810 \$ 60,940	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799
Month January February March April May June July August September October	30,802 \$ 30,210 \$ 29,681 \$ 29,239 \$ 31,275 \$ 31,722 \$ 32,476 \$ 34,837 \$ 27,740 \$	\$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275 \$ 88,607	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	<ul> <li>\$ 22,884</li> <li>\$ 21,382</li> <li>\$ 22,543</li> <li>\$ 24,113</li> <li>\$ 24,458</li> <li>\$ 25,039</li> <li>\$ 26,859</li> <li>\$ 21,388</li> </ul>	29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 55,492 \$ 56,810 \$ 60,940 \$ 48,526	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799 69,913
Month January February March April May June July August September	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 31,275 \$ 31,275 \$ 32,476 \$ 34,837 \$	\$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275 \$ 88,607 \$ 92,105	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	<ul> <li>\$ 22,884</li> <li>\$ 21,382</li> <li>\$ 22,543</li> <li>\$ 24,113</li> <li>\$ 24,458</li> <li>\$ 25,039</li> <li>\$ 26,859</li> <li>\$ 21,388</li> </ul>	29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 55,492 \$ 56,810 \$ 60,940 \$ 48,526	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799
Month January February March April May June July August September October	30,802 \$ 30,210 \$ 29,681 \$ 29,239 \$ 31,275 \$ 31,722 \$ 32,476 \$ 34,837 \$ 27,740 \$	\$ 3.1942 \$ 3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 93,395 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275 \$ 88,607 \$ 92,105	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543 \$ 24,113 \$ 24,458 \$ 25,039 \$ 26,859 \$ 21,388 \$ 22,232	29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 55,492 \$ 56,810 \$ 60,940 \$ 48,526 \$ 50,441	\$ \$ \$ \$ \$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799 69,913
Month January February March April May June July August September October November December	30,802         30,210         30,211<	\$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275 \$ 88,607 \$ 92,105 \$ 102,681	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ 0.7710 \$ 0.7710	<ul> <li>\$ 22,884</li> <li>\$ 21,382</li> <li>\$ 22,543</li> <li>\$ 24,113</li> <li>\$ 24,458</li> <li>\$ 25,039</li> <li>\$ 26,859</li> <li>\$ 21,388</li> <li>\$ 22,232</li> <li>\$ 24,785</li> </ul>	29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ 1.7493 \$ 1.7493	\$         52,846           \$         51,921           \$         48,513           \$         51,148           \$         54,709           \$         56,810           \$         60,940           \$         48,526           \$         50,441           \$         56,233	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799 69,913 72,673 81,017
Month January February March April May June July August September October November	30,802 \$ 30,210 \$ 29,681 \$ 27,733 \$ 29,239 \$ 31,275 \$ 31,722 \$ 32,476 \$ 34,837 \$ 27,740 \$ 28,835 \$	\$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275 \$ 88,607 \$ 92,105 \$ 102,681	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543 \$ 24,113 \$ 24,458 \$ 25,039 \$ 26,859 \$ 21,388 \$ 22,232	29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493 \$ 1.7493	\$         52,846           \$         51,921           \$         48,513           \$         51,148           \$         54,709           \$         56,810           \$         60,940           \$         48,526           \$         50,441           \$         56,233	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799 69,913 72,673
Month January February March April May June July August September October November December	30,802         30,210         30,211<	\$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942           \$3.1942	\$ 96,495 \$ 94,806 \$ 88,584 \$ 99,897 \$ 101,327 \$ 103,735 \$ 111,275 \$ 88,607 \$ 92,105 \$ 102,681	30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ 0.7710 \$ 0.7710	\$ 22,884 \$ 21,382 \$ 22,543 \$ 24,113 \$ 24,458 \$ 25,039 \$ 26,859 \$ 21,388 \$ 22,322 \$ 24,785 \$ 282,722	29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ 1.7493 \$ 1.7493	\$ 52,846 \$ 51,921 \$ 48,513 \$ 51,148 \$ 54,709 \$ 56,810 \$ 60,940 \$ 48,526 \$ 50,441 \$ 56,233 \$ 641,459	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$	74,804 69,895 73,691 78,821 79,949 81,849 87,799 69,913 72,673 81,017

Total including deduction for Low Voltage Switchgear Credit \$ 924,181

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

IESO		Network		Li	ne Connectio	n	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- 9			-	\$ 0.9500		-		\$-	\$-
February	- 9		\$ -	-		s -	-		\$ -	\$ -
March April	- 9		\$- \$-	-		\$- \$-	-		\$- \$-	\$ - \$ -
May	- 4		арана \$-	-		s - S -	-		s -	s -
June	- 9		s -	-		s -			s -	s -
July	- 9		\$-	-		\$-	-		\$ -	\$ -
August	- 9	3.6100	\$ -	-	\$ 0.9500	\$ -	-	\$ 2.3400	\$ -	\$ -
September	- 9		\$-	-		\$-	-		\$ -	\$-
October	- 9		\$ -	-		s -	-		\$ -	\$ -
November December	- 9		\$- \$-	-		\$- \$-	-		\$- \$-	\$- \$-
December	- 1	5 3.6100	φ -	-	\$ 0.9500	ə -	-	φ 2.3400	ъ -	ə -
Total	- 9	-	\$ -	-	\$-	\$-	-	\$-	\$ -	\$-
Hydro One		Network		Li	ne Connectio	n	Transfo	mation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	30,802				\$ 0.7710				\$ 53,883	\$ 77,631
February	30,210		\$ 96,495	30,210		\$ 23,292	30,210		\$ 52,846	\$ 76,137
March	29,681		\$ 94,806	29,681		\$ 22,884 \$ 21,382	29,681		\$ 51,921	\$ 74,804
April May	27,733 \$ 29,239 \$		\$ 88,584 \$ 93,395	27,733 29,239		\$ 21,382 \$ 22,543	27,733 29,239		\$ 48,513 \$ 51,148	\$ 69,895 \$ 73,691
June	31,275		\$	31,275		\$ 24,113	31,275		\$ 54,709	\$ 78,821
July	31,722		\$ 101,327	31,722		\$ 24,458			\$ 55,492	\$ 79,949
August	32,476		\$ 103,735	32,476	\$ 0.7710		32,476	\$ 1.7493	\$ 56,810	\$ 81,849
September	34,837 \$	3.1942	\$ 111,275	34,837	\$ 0.7710	\$ 26,859	34,837	\$ 1.7493	\$ 60,940	\$ 87,799
October	27,740		\$ 88,607	27,740		\$ 21,388			\$ 48,526	\$ 69,913
November	28,835		\$ 92,105	28,835		\$ 22,232			\$ 50,441	\$ 72,673
December	32,146	3.1942	\$ 102,681	32,146	\$ 0.7710	\$ 24,785	32,146	\$ 1.7493	\$ 56,233	\$ 81,017
Total	366,695		\$ 1,171,296	366,695	\$ 0.77	,	366,695		\$ 641,459	\$ 924,181
Add Extra Host Here (I)		Network			ne Connectio	n		rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- 9		\$ -	-		\$-	-		\$ -	s -
February March	- 9		\$- \$-	-		\$- \$-	-		\$- \$-	\$- \$-
April	- 9		s -			s -		-	s -	\$ -
May	- 9		\$-	-		\$-	-		\$ -	\$ -
June	- 9	- 3	\$ -	-	\$ - :	s -	-	\$ -	\$ -	\$ -
July	- 9	-	\$-	-	\$ - :	\$-	-	\$-	\$ -	\$ -
August	- 9		\$-	-		\$-	-		\$ -	\$-
September	- 9		s -	-		s -	-		\$ -	s -
October	- 9		\$ -	-		\$ -	-		\$ -	\$ -
November December	- 9		\$- \$-	-		\$- \$-	-		\$- \$-	\$- \$-
					•	•				
Total	- 9		\$-	-		\$ -	-		\$ -	\$ -
Add Extra Host Here (II)		Network			ne Connectio			rmation Con		Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- 9		\$ -	-		\$ -	-		\$ -	\$ - ¢
February	- 9		\$- \$-	-		\$- \$-	-		\$- \$-	\$- \$-
March April	- 9		\$- \$-	-		s -	-		\$- \$-	\$ - \$ -
May	- 9		\$- \$-	-	*	ş - S -	-	+	\$- \$-	ş -
June	- 9		\$-	-	\$ - :	\$-	-	\$ -	\$ -	\$ -
July	- 9		\$ -	-		\$ -	-		\$ -	\$ -
August	- 9		\$ -	-		s -	-		\$ -	\$ -
September	- 9		\$ -	-		s -	-		\$ -	\$ -
October November	- 9		\$- \$-	-		\$- \$-	-		\$- \$-	\$- \$-
December	- 3		s -	-		s - \$ -	-		s - \$ -	s -
Total	- 9	; -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -
Total		Network		Li	ne Connectio	n	Transfo	mation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	30,802				\$ 0.7710			\$ 1.7493 \$ 1.7493		\$ 77,631
February March	30,210 \$ 29,681 \$		\$ 96,495 \$ 94,806	30,210 29,681		\$ 23,292 \$ 22,884	30,210 29,681		\$ 52,846 \$ 51,921	\$ 76,137 \$ 74,804
April	29,001 3		\$ 94,806 \$ 88,584			\$22,004 \$21,382			\$ 48,513	\$ 69,895
May	29,239		\$ 93,395			\$ 22,543			\$ 51,148	\$ 73,691
June	31,275	3.1942	\$ 99,897	31,275		\$ 24,113	31,275	\$ 1.7493	\$ 54,709	\$ 78,821
July	31,722	3.1942	\$ 101,327	31,722	\$ 0.7710	\$ 24,458	31,722	\$ 1.7493	\$ 55,492	\$ 79,949
August	32,476		\$ 103,735			\$ 25,039	32,476		\$ 56,810	\$ 81,849
September	34,837					\$ 26,859			\$ 60,940	\$ 87,799
October November	27,740 \$ 28,835 \$					\$ 21,388 \$ 22,232			\$ 48,526 \$ 50,441	\$ 69,913 \$ 72,673
										\$ 72,673
December										\$ 81.017
December	32,146				\$ 0.7710				\$ 56,233	\$ 81,017
December Total		3.1942	\$ 102,681		\$ 0.7710	\$ 24,785		\$ 1.7493		\$ 81,017 \$ 924,181

924,181

 Low Voltage Switchgear Credit (if applicable)
 \$

 Total including deduction for Low Voltage Switchgear Credit
 \$

Ontario Energy Board

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

IESO		Network		Li	ine Connectior	1	Transfo	rmation Con	nection	Total Con	nection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	unt
January	-	\$ 3.6100		-	\$ 0.9500 \$		-		\$-	\$	-
February March	-		\$- \$-	-	\$ 0.9500 \$ \$ 0.9500 \$		-		\$ - \$ -	\$ \$	
April	-		\$-	-	\$ 0.9500 \$		-		\$-	\$	-
May	-		\$ -	-	\$ 0.9500 \$		-		\$ -	\$	-
June	-		\$ -	-	\$ 0.9500 \$		-		\$ -	\$	-
July August	-		\$- \$-	-	\$ 0.9500 \$ \$ 0.9500 \$		-		\$- \$-	\$ \$	-
September	-		\$- \$-	-	\$ 0.9500 \$		-		φ - \$ -	ŝ	-
October	-		\$ -	-	\$ 0.9500 \$		-		\$-	\$	-
November	-		\$ -	-	\$ 0.9500 \$		-		\$ -	\$	-
December	-	\$ 3.6100	\$-	-	\$ 0.9500 \$	-	-	\$ 2.3400	\$ -	\$	-
Total		\$-	\$ -		\$-\$	-		\$-	\$ -	\$	
Hydro One		Network		Li	ine Connectior	1	Transfo	rmation Con	nection	Total Con	nection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	ınt
January		\$ 3.1942			\$ 0.7710 \$				\$ 53,883		77,631
February	30,210			30,210			30,210		\$ 52,846		76,137
March April	29,681 27,733		\$ 94,806 \$ 88,584	29,681 27,733	\$ 0.7710 \$ \$ 0.7710 \$				\$ 51,921 \$ 48,513		74,804 69,895
May	29,239		\$ 93,395		\$ 0.7710 \$		29,239		\$ 51,148		73,691
June	31,275		\$ 99,897				31,275		\$ 54,709		78,821
July	31,722	\$ 3.1942	\$ 101,327	31,722	\$ 0.7710 \$	24,458	31,722	\$ 1.7493	\$ 55,492	\$	79,949
August	32,476		\$ 103,735				32,476		\$ 56,810		81,849
September October	34,837 27,740		\$ 111,275 \$ 88,607	34,837 27,740	\$ 0.7710 \$ \$ 0.7710 \$		34,837 27,740		\$ 60,940 \$ 48,526		87,799 69,913
November	28,835		\$ 92,105		\$ 0.7710 \$		28,835		\$ 40,520 \$ 50,441		72,673
December	32,146		\$ 102,681	32,146					\$ 56,233		81,017
Total	366,695	\$ 3.19	\$ 1,171,296	366,695	\$ 0.77 \$	282,722	366,695	\$ 1.75	\$ 641,459	\$9	924,181
Add Extra Host Here (I)		Network		Li	ine Connectior	1	Transfo	rmation Con	nection	Total Con	nection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	unt
January	-		s -	-	s - s		-		\$ -	\$	-
February	-	•	\$ -	-	\$ - \$		-		\$ -	\$	-
March April	-	•	\$- \$-	-	\$ - \$ \$ - \$		-		\$- \$-	\$ \$	
May	-	•	\$ -	-	\$ - \$		-		\$-	ŝ	-
June	-	\$ -	\$ -	-	\$ - \$	-	-	\$-	\$ -	\$	-
July	-	•	\$ -	-	\$ - \$		-		\$ -	\$	-
August	-	+	\$- \$-	-	\$ - \$ \$ - \$		-		\$ -	\$	-
September October	-	•	» - Տ -	-	s - 3 s - 9		-		\$- \$-	\$ \$	-
November	-	\$-	\$-	-	\$ - \$	- 3	-	\$ -	\$ -	\$	-
December Total			s - s -		\$ - \$ \$ - \$				\$ - \$ -	\$	-
Add Extra Host Here (II)		⊸ Network	ə -		ine Connection				·	Total Con	-
	Unite Dillad		A								
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou	int
January February	-		\$- \$-	-	\$ - \$ \$ - \$		-		\$ - \$ -	\$	-
March	-		\$- \$-	-					φ -		-
					S - 9		-		s -	\$ \$	
April	-		\$ -	-	\$ - \$ \$ - \$		-	\$ -	\$- \$-	s s	-
May	-	\$ - \$ -	\$-	-	\$ - \$ \$ - \$	-	- -	\$ - \$ - \$ -	\$- \$-	\$ \$ \$	-
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May June July August September October November December <b>Total</b> <b>Total</b> <b>Month</b> January	Units Billed 30,802	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802	\$ - \$ \$ - \$ <b>S</b> - \$		Transfo Units Billed 30,802	\$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S Total Cont Amou S S S	nection unt 77,63 76,13 74,80
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May June July August September October November December <b>Total</b> <b>Total</b> Month January February February February March April May June	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 29,239 31,275	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$	Amount 5 23,749 5 23,248 22,884 21,382 22,543 3 24,113	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S Total Cont Amou S S S S S S S S S S S S S S S S S S	nectio unt 77,63 76,13 74,80 69,89 73,69 78,82
May June July August September October November December Total Total Month January February March April May June July	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 29,681 27,733 29,239 31,275 31,722	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$	Amount 5 23,749 5 23,844 5 23,844 22,884 22,884 22,884 22,543 5 22,543 5 24,413 5 24,458	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nectio unt 77,63 76,13 76,89 74,80 69,89 73,69 73,69 78,82 79,94
May June July August September October November December Total Total Month January February March April May June July July August	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$	Amount 5 23,749 5 22,543 22,543 24,455 24,453 5 25,039	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476	\$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	nectio unt 77,63 76,13 74,80 69,89 73,69 73,69 78,82 79,94 81,84
May June July August September October November December Total Total Month January February March April May June July	Units Billed 30,802 29,681 27,733 31,275 31,722 32,476 34,837 27,740	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 31,275 31,275 31,722 32,476 34,837 27,740	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$	Amount 5 23,749 5 22,884 5 22,884 5 22,884 5 22,543 5 24,113 5 24,1458 5 25,039 5 26,859 5 21,388	Transfo Units Billed 30,802 30,210 29,681 27,733 31,275 31,275 31,722 32,476 34,837 27,740	\$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	nectio unt 77,63 76,13 74,80 69,89 73,69 73,69 78,82 79,94 81,84 87,79
May June July August September October November December Total Total Month January February Hebruary February March April March April May June July August September October November	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 31,275 31,275 31,272 32,476 34,837 27,740 28,835	s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     0.77     s	Amount Am	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	nectio unt 77,63 76,13 74,80 69,89 73,69 73,69 78,82 79,94 81,84 87,79 69,91 72,67
May June July August September October November December <b>Total</b> <b>Total</b> Month January February March April May June July August September October	Units Billed 30,802 29,681 27,733 31,275 31,722 32,476 34,837 27,740	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 31,275 31,275 31,722 32,476 34,837 27,740	s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     -     s       s     0.77     s	Amount Am	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	nectio unt 77,63 76,13 74,80 69,89 73,69 73,69 78,82 79,94 81,84 87,79 69,91 72,67
May June July August September October November December Total Total Month January February March April March April March April June July June July August September October November	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$	Amount Amount Amount Amount Amount 23,749 23,292 22,884 21,382 22,543 24,458 24,458 22,543 24,458 21,388 22,543 24,858 21,388 22,328 21,388 22,388	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835	\$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	nectio unt 77,63 76,13 74,80 69,89 73,69 78,82 79,94 81,84 87,79 69,91 72,67 81,01
May June July August September October November December Total Total Month January February March April May June July August September October November December	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77<	Amount Amount Amount Amount Amount 23,749 23,292 22,884 21,382 22,543 24,458 24,458 26,859 21,388 22,138 24,458 24,458 22,543 24,458 21,382 22,543 24,458 22,232 24,785	Transfo Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S	nectio: unt
May June July August September October November December Total Month January February March April May June July August September October November December	Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Li Units Billed 30,802 30,210 29,681 27,733 29,239 31,275 31,722 32,476 34,837 27,740 28,835 32,146	\$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     -     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77     \$       \$     0.77<	Amount Am	Transfo           Units Billed           30,210           29,261           27,733           29,239           31,275           31,722           32,476           34,837           27,740           28,835           32,146           366,695	\$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75           \$         1.75 <tt>\$         1.75           \$         1.75           \$         1.75           \$         1.75</tt>	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nec unt 77, 76, 74, 69, 73, 78, 79, 81, 87, 69, 72, 81,



Rate Class

**Rate Description** 

Unit Current RTSR- Loss Adjusted Network Billed kWh

Billed kW Billed Amount Billed

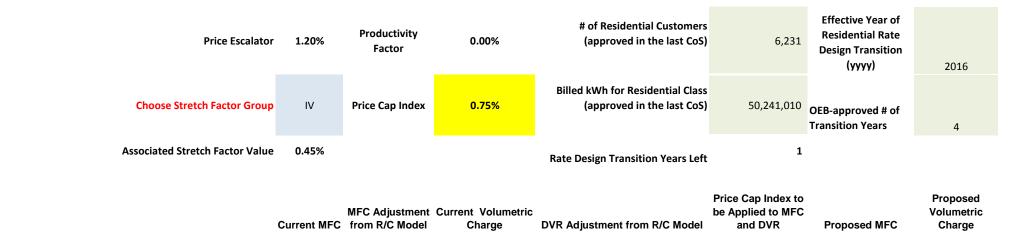
Amount %

Current Adjusted Wholesale RTSR Billing Network Contario Energy Board

Rate Class

# **Incentive Regulation Model for 2019 Filers**

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





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

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

#### **Time-of-Use RPP Prices**

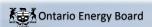
As of		May 1, 2018
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

**Debt Retirement Charge (DRC)** 

Debt Retirement Charge (DRC) \$/kWh 0.0000
--

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$ 0.57



In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below. In column A, the rate rider descriptions must begin with "Rate Rider for". In column B, choose the associated unit from the drop-down menu. In column C, enter the rate. All rate riders with a "St unit should be rounded to 2 decimal places and all others rounded to 4 decimal places. In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order). In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu.

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

EB-2018-0052

### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification refers to an account where energy is supplied to customers residing in residential dwelling units. Energy is generally supplied as a single phase, 3-wire, 60-Hertz, having a nominal voltage of 120/240 Volts and having only one Delivery Point per dwelling. For the purposes of calculating customer connection fees, the Basic Connection for Residential customers is defined as 100 amp 120/240 volt overhead service. A residential building is supplied at one service voltage per land parcel. Street Townhouses and Condominiums requiring centralization bulk metering are covered under General Service Classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge	\$	30.85
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0020
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0029
effective until April 30, 2021	\$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0052

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

This classification refers to the supply of electrical energy to General Service Buildings requiring a connection with a connected load less than 50 kW, and, Townhouses and Condominiums that require centralized bulk metering. General Service buildings are defined as buildings that are used for purposes other than single-family dwellings. A General Service building is supplied at one 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 Debt Retirement Charge, the Global Adjustment and the HST.

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

Rural or Remote Electricity Rate Protection Charge (RRRP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	22.96
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0169
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kWh	0.0018
Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0029
effective until April 30, 2021	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

0.0003

0.25

\$/kWh

\$

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

EB-2018-0052

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

This classification refers to the supply of electrical energy to General Service customers requiring a connection with a connected load equal to or greater than 50 kW and less than 5,000 kW. A General Service building is supplied at one service voltage per land parcel. Depending on the location of the building, primary supplies to transformers and Customer owned Sub-Stations will be one of the following as determined by the Distributor:

- 2,400/4,160 volts 3 Phase 4Wire
- 4,800/8,320 volts 3 Phase 4 Wire
- 7,200/12,400 volts 3 Phase 4 Wire
- 8,000/13,800 volts 3 Phase 4 Wire
- 16,000/27,600 volts 3 Phase 4 Wire
- 44,000 Volts 3 Phase 3 Wire

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.

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

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

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

Service Charge	\$	64.89
Distribution Volumetric Rate	\$/kW	3.3071
Low Voltage Service Rate	\$/kW	0.7282
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020 Applicable only for Non-RPP Customers Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	0.0029
effective until April 30, 2021	\$/kW	0.4009
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.2117)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.5257
Retail Transmission Rate - Network Service Rate	\$/kW	2.4187
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8945
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Capacity Based Recovery (CBR) - Applicable for Class B Customers\$/kWh0.0004Rural or Remote Electricity Rate Protection Charge (RRRP)\$/kWh0.0003Standard 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-2018-0052

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge (per customer)	\$	10.62
Distribution Volumetric Rate	↓ \$/kWh	0.0114
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kWh	0.0018
Applicable only for Non-RPP Customers	\$/kWh	0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0052

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

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

Service Charge (per connection)	\$	3.93
Distribution Volumetric Rate	\$/kW	9.0665
Low Voltage Service Rate Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	\$/kW	0.5629
Applicable only for Non-RPP Customers	\$/kWh	0.0029
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	0.3278
Retail Transmission Rate - Network Service Rate	\$/kW	1.8243
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4646
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0052

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

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

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/KW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

### SPECIFIC SERVICE CHARGES

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

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

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

#### **Customer Administration**

Notification charge	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year	\$	22.35
(with the exception of wireless attachments)		
Interval meter load management tool charge \$/month	\$	25.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - underground - no transformer	\$	300.00

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

EB-2018-0052

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

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

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

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

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

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

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

### LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0682
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0576



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

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

#### Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, page 22) has been used to represent the cost of power. For those classes on a retailed 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 unmolt receive charge is applied on a per customer basis, enter the number "1".

2. Please enter the applicable billing determinant (e.g. number of connections of 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 basis.

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)	<b>RTSR</b> Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0682	1.0682	750		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		RPP	1.0682	1.0682	2,000		N/A	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0682	1.0682	210,000	500	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	1.0682	1.0682	275		N/A	
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0682	1.0682	46,300	115	DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0682	1.0682	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0682	1.0682	281		N/A	
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0682	1.0682	281		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
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Add additional scenarios if required								

Table 2

Jnits	A ¢			В		-		
	¢			D		С	Total Bil	1
	Ψ	%	\$	%	\$	%	\$	%
								1
								1
								1
			Image: Constraint of the sector of	Image: Constraint of the sector of	Image: sector	Image: section of the section of t	Image: set of the	Image: set of the

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP Consumption 750 kWh

kW Demand 1.0682 1.0682 Current Loss Factor

Proposed/Approved Loss Factor

		Current OEB-Approved						Proposed		Impact			
	F	Rate	Volume	Char	ge		Rate	Volume		Charge			
		(\$)		(\$)	)		(\$)			(\$)	\$ (	Change	% Change
Monthly Service Charge	\$	26.99	1	\$	26.99	\$	30.85	1	\$	30.85	\$	3.86	14.30%
Distribution Volumetric Rate	\$	0.0054	750	\$	4.05	\$	-	750	\$	-	\$	(4.05)	-100.00%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	750	\$		\$	0.0018	750		1.35	\$	1.35	
Sub-Total A (excluding pass through)				\$	31.04				\$	32.20	\$	1.16	3.74%
Line Losses on Cost of Power	\$	0.0820	51	\$	4.19	\$	0.0820	51	\$	4.19	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	0.0005	750	\$	0.38	\$	0.0006	750	\$	0.45	\$	0.08	20.00%
Riders	Ť	0.0000		•	0.00	· ·	0.0000		·	0.40	·	0.00	20.0070
CBR Class B Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
GA Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0020	750	\$	1.50	\$	0.0020	750	\$	1.50	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	37.68				\$	38.91	\$	1.24	3.28%
Total A)				•					·		·	1124	
RTSR - Network	\$	0.0066	801	\$	5.29	\$	0.0066	801	\$	5.29	\$	-	0.00%
RTSR - Connection and/or Line and	s	0.0052	801	\$	4.17	\$	0.0052	801	\$	4.17	\$		0.00%
Transformation Connection	*	0.0002	001	Ψ	4.17	٠	0.0002	001	Ψ	4.17	Ψ		0.0070
Sub-Total C - Delivery (including Sub-				\$	47.13				\$	48.37	\$	1.24	2.62%
Total B)				*					•		•		2.02.70
Wholesale Market Service Charge	\$	0.0036	801	\$	2.88	\$	0.0036	801	\$	2.88	\$	-	0.00%
(WMSC) Rural and Remote Rate Protection													
(RRRP)	\$	0.0003	801	\$	0.24	\$	0.0003	801	\$	0.24	\$	-	0.00%
Standard Supply Service Charge	e	0.25	1	¢	0.25	s	0.25	1	\$	0.25	\$		0.00%
TOU - Off Peak	a e	0.0650	488	\$	31.69	\$	0.0650	488	э \$		ф \$		0.00%
TOU - Mid Peak	a e	0.0940	128	\$	11.99	\$	0.0030	128	э \$	11.99	э \$		0.00%
TOU - On Peak	a e	0.0340	125	\$	17.82	ŝ	0.1320	128	э \$	17.82	э \$	-	0.00%
100 - Oll Feak	Ŷ	0.1320	155	Ş	17.02	φ	0.1320	135	φ	17.02	φ		0.00 %
Total Bill on TOU (before Taxes)	1			\$	112.00	1			\$	113.23	\$	1.24	1.10%
HST		13%		\$ \$	14.56		13%		\$		\$	0.16	1.10%
8% Rebate		8%		\$	(8.96)		8%		ŝ	(9.06)		(0.10)	1.1070
Total Bill on TOU		070		\$	117.60		070		\$	118.90	\$	1.30	1.10%
				*					÷	110.00	Ψ	1.00	1.10/0

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION
RPP / Non-RPP:
RPP
Consumption 2,000 kWh

Consumption	2,000													
Demand	-	kW												
Current Loss Factor	1.0682													
Proposed/Approved Loss Factor	1.0682													
							1						<u> </u>	
			Current O Rate	EB-Approved Volume	ł				Proposed	1	<b>a</b>		Im	pact
			(\$)	volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge		\$	22.79	1	\$	22.79	\$	22.96	1	\$	22.96	\$	0.17	0.75%
Distribution Volumetric Rate		ŝ	0.0168	2000		33.60	ŝ	0.0169	2000		33.80	\$	0.20	0.609
Fixed Rate Riders		ŝ	-	1	\$	-	ŝ	-		\$	-	\$	-	
Volumetric Rate Riders		\$	-	2000	\$	-	-\$	0.0008	2000		(1.60)		(1.60)	
Sub-Total A (excluding pass through)					\$	56.39				\$	55.16		(1.23)	-2.18%
Line Losses on Cost of Power		\$	0.0820	136	\$	11.18	\$	0.0820	136	\$	11.18	\$	-	0.00%
Total Deferral/Variance Account Rate		\$	0.0006	2.000	\$	1.20	s	0.0007	2.000	\$	1.40	¢	0.20	16.67%
Riders		φ	0.0000	,	*	1.20	÷	0.0007		•	1.40	·	0.20	10.077
CBR Class B Rate Riders		\$	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-	
GA Rate Riders		\$	-	2,000	\$	-	\$	-	2,000		-	\$	-	
Low Voltage Service Charge		\$	0.0018	2,000	\$	3.60	\$	0.0018	2,000	\$	3.60	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders				2,000	\$	-	\$	-	2,000	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-					\$	72.94				s	71.91	\$	(1.03)	-1.41%
Total A)							_			-		·	(,	
RTSR - Network		\$	0.0059	2,136	\$	12.60	\$	0.0059	2,136	\$	12.60	\$	-	0.00%
RTSR - Connection and/or Line and		\$	0.0048	2,136	\$	10.25	s	0.0048	2,136	\$	10.25	\$	-	0.00%
Transformation Connection		•			·		•			·		•		
Sub-Total C - Delivery (including Sub- Total B)					\$	95.80				\$	94.77	\$	(1.03)	-1.08%
Wholesale Market Service Charge														
(WMSC)		\$	0.0036	2,136	\$	7.69	\$	0.0036	2,136	\$	7.69	\$	-	0.00%
Rural and Remote Rate Protection														
(RRRP)		\$	0.0003	2,136	\$	0.64	\$	0.0003	2,136	\$	0.64	\$	-	0.00%
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak		\$	0.0650	1,300	\$	84.50	\$	0.0650	1,300	\$	84.50	\$	-	0.00%
TOU - Mid Peak		\$	0.0940	340	\$	31.96	\$	0.0940	340	\$	31.96	\$	-	0.00%
TOU - On Peak		\$	0.1320	360	\$	47.52	\$	0.1320	360	\$	47.52	\$	-	0.00%
Total Bill on TOU (before Taxes)					\$	268.36				\$	267.33		(1.03)	-0.38%
HST			13%		\$	34.89		13%		\$	34.75		(0.13)	-0.38%
8% Rebate			8%		\$	(21.47)	1	8%		\$	(21.39)		0.08	
Total Bill on TOU					\$	281.78	I			\$	280.70	\$	(1.08)	-0.38%

Customer Class:	GENERAL SER	VICE 50 to 4,999 kW SERVICE CLASSIFICAT	ION
RPP / Non-RPP:	Non-RPP (Othe	r)	
Consumption	210,000	kWh	
Demand	500	kW	

Demand	500	ĸW												
Current Loss Factor	1.0682													
Proposed/Approved Loss Factor	1.0682													
_														
			Current Ol	EB-Approved	d				Proposed				Im	pact
			Rate	Volume		Charge		Rate	Volume		Charge			
			(\$)			(\$)		(\$)			(\$)	\$	6 Change	% Change
Monthly Service Charge		\$	64.41	1	\$	64.41	\$	64.89	1	\$	64.89	\$	0.48	0.75%
Distribution Volumetric Rate		\$	3.2825	500	\$	1,641.25	\$	3.3071	500	\$	1,653.55	\$	12.30	0.75%
Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders		\$	-	500	\$	-	\$	0.4009	500	\$	200.45	\$	200.45	
Sub-Total A (excluding pass through)					\$	1,705.66				\$	1,918.89	\$	213.23	12.50%
Line Losses on Cost of Power		\$	-	-	\$		\$		-	\$	-	\$	-	
Total Deferral/Variance Account Rate		\$	0.2312	500	\$	115.60	\$	0.3140	500	\$	157.00	\$	41.40	35.81%
Riders		φ	0.2312	500	φ	115.60	Þ	0.3140	500	φ	157.00	φ	41.40	33.01%
CBR Class B Rate Riders		\$	-	500		-	\$		500	\$	-	\$	-	
GA Rate Riders		-\$	0.0002	210,000	\$	(42.00)	\$	0.0029	210,000	\$	609.00	\$	651.00	-1550.00%
Low Voltage Service Charge		\$	0.7282	500	\$	364.10	\$	0.7282	500	\$	364.10	\$	-	0.00%
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-					\$	2.143.36				ŝ	3,048.99	¢	905.63	42.25%
Total A)					-	2,145.50				9	3,048.99	φ	903.03	42.23 /8
RTSR - Network		\$	2.4232	500	\$	1,211.60	\$	2.4187	500	\$	1,209.35	\$	(2.25)	-0.19%
RTSR - Connection and/or Line and		\$	1.8941	500	¢	947.05	\$	1.8945	500	\$	947.25	¢	0.20	0.02%
Transformation Connection		φ	1.0941	500	φ	947.03	φ	1.0945	500	9	947.23	φ	0.20	0.02 /8
Sub-Total C - Delivery (including Sub-					\$	4.302.01				\$	5,205.59	¢	903.58	21.00%
Total B)					Ψ	4,302.01				7	5,205.55	Ψ	303.30	21.00 /8
Wholesale Market Service Charge		\$	0.0036	224,322	\$	807.56	s	0.0036	224,322	\$	807.56	\$	_	0.00%
(WMSC)		Ŷ	0.0000	224,022	Ψ	007.00	٣	0.0000	224,022	Ψ	007.00	Ψ		0.0070
Rural and Remote Rate Protection		\$	0.0003	224,322	\$	67.30	\$	0.0003	224,322	\$	67.30	\$	-	0.00%
(RRRP)				22 1,022					,o	•		•		
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25		-	0.00%
Average IESO Wholesale Market Price		\$	0.1101	224,322	\$	24,697.85	\$	0.1101	224,322	\$	24,697.85	\$	-	0.00%
Total Bill on Average IESO Wholesale Mark	et Price				\$	29,874.97				\$	30,778.55		903.58	3.02%
HST			13%		\$	3,883.75		13%		\$	4,001.21		117.47	3.02%
Total Bill on Average IESO Wholesale Mark	et Price				\$	33,758.71				\$	34,779.76	\$	1,021.05	3.02%

RPP / Non-RPP: RPP Consumption 275 kWh Demand kW 1.0682 Current Loss Factor Proposed/Approved Loss Factor 1.0682 Current OEB-Approved Proposed Impact Rate Charge Rate Volume Charge Volume (\$) (\$) (\$) (\$) \$ Change % Change 10.54 Monthly Service Charge \$ \$ \$ 10.62 0 \$ \$ Distribution Volumetric Rate \$ 0.0113 275 \$ 3.11 \$ 0.0114 275 3.14 \$ 0.03 0.88% \$ Fixed Rate Riders \$ -1 \$ -\$ -1 \$ -\$ -Volumetric Rate Riders 275 \$ 275 -Sub-Total A (excluding pass through) \$ 3.11 3.14 \$ 0.03 0.88% \$ Line Losses on Cost of Power \$ 0.0820 19 \$ 1.54 0.0820 19 1.54 \$ 0.00% \$ Total Deferral/Variance Account Rate \$ 0.0006 275 \$ 0.17 \$ 0.0007 275 \$ 0.19 \$ 0.03 16.67% Riders \$ 275 \$ CBR Class B Rate Riders --\$ -275 \$ -\$ -275 \$ 275 GA Rate Riders \$ --\$ -\$ . \$ -\$ Low Voltage Service Charge 0.0018 275 \$ 0.50 ŝ 0.0018 275 \$ 0.50 \$ -0.00% Smart Meter Entity Charge (if applicable) \$ \$ \$ ---\$ -\$ -Additional Fixed Rate Riders \$ \$ -\$ -\$ -\$ . 275 \$ 275 Additional Volumetric Rate Riders \$ Sub-Total B - Distribution (includes Sub-\$ 5.31 ŝ 5.36 \$ 0.06 1.04% Total A) 1.73 RTSR - Network \$ 0.0059 294 \$ \$ 0.0059 294 \$ 1.73 \$ 0.00% RTSR - Connection and/or Line and \$ 0.0048 294 \$ 1.41 ŝ 0.0048 294 \$ 1.41 \$ 0.00% -Transformation Connection Sub-Total C - Delivery (including Sub-\$ \$ 8.45 8.50 \$ 0.05 0.65% Total B) Wholesale Market Service Charge \$ 0.0036 294 \$ 1.06 \$ 0.0036 294 \$ 1.06 \$ 0.00% -(WMSC) Rural and Remote Rate Protection \$ 0.0003 294 \$ 0.09 0.0003 294 0.09 0.00% \$ \$ \$ -(RRRP) 0.25 0.25 0.25 \$ 0.00% Standard Supply Service Charge \$ \$ 0.25 1 \$ \$ -TOU - Off Peak \$ 0.0650 179 \$ 11.62 \$ 0.0650 179 \$ 11.62 \$ -0.00% 0.0940 47 0.0940 47 TOU - Mid Peak \$ 4.39 \$ 4.39 -0.00% \$ \$ \$ TOU - On Peak 0.1320 50 \$ 6.53 0.1320 50 6.53 \$ 0.00% Ŝ Total Bill on TOU (before Taxes) 32.39 32.45 \$ 0.05 0.17% \$ \$ HST 13% \$ 4.21 13% 4.22 \$ 0.01 0.17% \$ Total Bill on TOU 36.60 36.66 \$ 0.06 0.17%

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

- · · · -														
Customer Class: ST RPP / Non-RPP: No			VICE CLASSIFICATION		<u> </u>									
Consumption	46,300													
Demand	115	kW												
Current Loss Factor	1.0682													
Proposed/Approved Loss Factor	1.0682													
	ĺ		Current O	EB-Approve	d				Proposed	1			Im	pact
			Rate	Volume	Ī	Charge	1	Rate	Volume		Charge			
			(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge		\$	3.90		\$	-	\$	3.93	0	\$	-	\$	-	
Distribution Volumetric Rate		\$	8.9990	115	\$	1,034.89	\$	9.0665	115	\$	1,042.65	\$	7.76	0.75%
Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders		\$	-	115		-	\$	-	115		-	\$	-	
Sub-Total A (excluding pass through)					\$	1,034.89				\$	1,042.65	\$	7.76	0.75%
Line Losses on Cost of Power		\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate		\$	0.2217	115	\$	25.50	s	0.3278	115	\$	37.70	\$	12.20	47.86%
Riders		Ŷ	0.2217	-	Ŧ	20.00		0.0270		*	01.10	•	12.20	47.0070
CBR Class B Rate Riders		\$	-	115	\$	-	\$	-	115	\$	-	\$	-	
GA Rate Riders		-\$	0.0002	46,300	\$	(9.26)		0.0029	46,300	\$	134.27	\$	143.53	-1550.00%
Low Voltage Service Charge		\$	0.5629	115	\$	64.73	\$	0.5629	115	\$	64.73	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders				115	\$	-	\$	-	115	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-					\$	1,115.85				\$	1,279.35	\$	163.49	14.65%
Total A)					•					•		·		
RTSR - Network		\$	1.8277	115	\$	210.19	\$	1.8243	115	\$	209.79	\$	(0.39)	-0.19%
RTSR - Connection and/or Line and		\$	1.4643	115	\$	168.39	s	1.4646	115	\$	168.43	\$	0.03	0.02%
Transformation Connection		Ŧ			Ť		•			*		*		
Sub-Total C - Delivery (including Sub-					\$	1,494.43				\$	1,657.57	\$	163.14	10.92%
Total B)														
Wholesale Market Service Charge		\$	0.0036	49,458	\$	178.05	\$	0.0036	49,458	\$	178.05	\$	-	0.00%
(WMSC) Rural and Remote Rate Protection														
(RRRP)		\$	0.0003	49,458	\$	14.84	\$	0.0003	49,458	\$	14.84	\$	-	0.00%
Standard Supply Service Charge		\$	0.25	1	\$	0.25	s	0.25	1	\$	0.25	\$		0.00%
Average IESO Wholesale Market Price		\$	0.23	49,458	э \$		\$	0.1101	49,458		5,445.29	ф \$		0.00%
Average 1250 wholesale Market Price		φ	0.1101	49,456	ъ Ф	5,445.29	¢	0.1101	49,436	φ	3,445.29	φ	-	0.00%
Total Bill on Average IESO Wholesale Marke	at Price				\$	7,132.86	1			\$	7.295.99	\$	163.14	2.29%
HST	at i lice		13%	1	\$	927.27	1	13%		\$ \$	948.48	\$ \$	21.21	2.29%
Total Bill on Average IESO Wholesale Marke	at Price		13 /0		\$	8,060.13		13 /0		\$	8,244.47	\$	184.35	2.29%
Total Bill on Average 1200 Wholesale Marke					Ψ	5,000.15				Ŷ	5,244.41	Ŷ	134.33	2.2378

Customer Class: R	ESIDENTIAL SERVICE O								1				
RPP / Non-RPP: No													
Consumption	750 kWh												
Demand	- kW												
Current Loss Factor	1.0682												
Proposed/Approved Loss Factor	1.0682												
			EB-Approved	d				Proposed				lm	pact
		Rate	Volume		Charge		Rate	Volume		Charge			
	-	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	26.99	1	\$	26.99	\$	30.85	1	\$	30.85	\$	3.86	14.30%
Distribution Volumetric Rate	\$	0.0054	750		4.05	\$	-	750	\$	-	\$	(4.05)	-100.00%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	750		-	\$	0.0018	750		1.35 32.20	\$ \$	1.35	0.740/
Sub-Total A (excluding pass through) Line Losses on Cost of Power	*	0.4404	54	\$	31.04 5.63	•	0.4404	54	\$ \$	<u>32.20</u> 5.63	¥	1.16	3.74% 0.00%
Line Losses on Cost of Power Total Deferral/Variance Account Rate	\$	0.1101	51	\$	5.63	\$	0.1101	51	Ф	5.63	\$	-	0.00%
Riders	\$	0.0005	750	\$	0.38	\$	0.0006	750	\$	0.45	\$	0.08	20.00%
CBR Class B Rate Riders	s	-	750	\$		s	-	750	\$	-	\$		
GA Rate Riders	-\$	0.0002	750	\$	(0.15)	ŝ	0.0029	750	\$	2.18	\$	2.33	-1550.00%
Low Voltage Service Charge	ŝ	0.0020	750	\$	1.50	ŝ	0.0020	750	\$	1.50	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	38.97				\$	42.53	\$	3.56	9.14%
Total A)				Þ					Ą		Ą	3.30	9.14%
RTSR - Network	\$	0.0066	801	\$	5.29	\$	0.0066	801	\$	5.29	\$	-	0.00%
RTSR - Connection and/or Line and	\$	0.0052	801	\$	4.17	\$	0.0052	801	\$	4.17	\$		0.00%
Transformation Connection	*	0.0002	001	Ψ	4.17	Ŷ	0.0002	001	φ	4.17	Ψ		0.0070
Sub-Total C - Delivery (including Sub-				\$	48.42				\$	51.98	\$	3.56	7.35%
Total B)				Ŧ					Ŧ		Ŧ		
Wholesale Market Service Charge (WMSC)	\$	0.0036	801	\$	2.88	\$	0.0036	801	\$	2.88	\$	-	0.00%
(WMSC) Rural and Remote Rate Protection													
(RRRP)	\$	0.0003	801	\$	0.24	\$	0.0003	801	\$	0.24	\$	-	0.00%
Standard Supply Service Charge													
Non-RPP Retailer Avg. Price	\$	0.1101	750	\$	82.58	s	0.1101	750	\$	82.58	\$		0.00%
		0.1101	, 30	, w	02.00	, w	0.1101	, 30	Ŷ	02.00	Ψ		0.0078
Total Bill on Non-RPP Avg. Price				\$	134.12				\$	137.68	\$	3.56	2.65%
HST		13%		\$	17.44	Ì	13%		\$	17.90	\$	0.46	2.65%
8% Rebate		8%				Ì	8%						
Total Bill on Non-RPP Avg. Price				\$	151.56				\$	155.58	\$	4.02	2.65%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP Consumption 281 kWh

kW Demand 1.0682 1.0682 Current Loss Factor

Proposed/Approved Loss Factor

Current OEB-Approved Rate Volume Charge					Proposed		Impact			
Volume		narge		Rate	Volume		Charge			
	(	(\$)		(\$)			(\$)	••	\$ Change	% Change
9		26.99	\$	30.85	1	\$	30.85	\$	3.86	14.30%
4 2		1.52	\$	-	281	\$	-	\$	(1.52)	-100.00%
		-	\$	-	1	\$	-	\$	-	
2		-	\$	0.0018	281	\$	0.51	\$	0.51	
		28.51				\$	31.36	\$	2.85	9.99%
0 1		1.57	\$	0.0820	19	\$	1.57	\$	-	0.00%
5 28		0.14	\$	0.0006	281	\$	0.17	\$	0.03	20.00%
		0.14	φ	0.0000	-	φ	0.17	φ	0.03	20.00 %
28		-	\$	-	281	\$	-	\$	-	
28		-	\$	-	281	\$	-	\$	-	
0 28		0.56	\$	0.0020	281	\$	0.56	\$	-	0.00%
7		0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
		-	\$	-	1	\$	-	\$	-	
28		-	\$		281	\$	-	\$	-	
		31.35				\$	34.23	\$	2.88	9.18%
		31.35				9	54.25	9	2.00	5.10%
6 30		1.98	\$	0.0066	300	\$	1.98	\$	-	0.00%
2 30		1.56	\$	0.0052	300	\$	1.56	\$	-	0.00%
2 30		1.50	9	0.0032	300	φ	1.50	φ	-	0.00 %
		34.89				\$	37.77	\$	2.88	8.24%
		34.03				<b></b>	51.11	7	2.00	0.2478
6 30		1.08	\$	0.0036	300	\$	1.08	\$		0.00%
•		1.00	Ψ.	0.0000	000	Ψ	1.00	Ψ		0.0070
3 30		0.09	\$	0.0003	300	\$	0.09	\$	-	0.00%
					000	*		·		
5		0.25	\$	0.25	1	\$		\$	-	0.00%
0 18		11.87	\$	0.0650	183	\$		\$	-	0.00%
0 4		4.49	\$	0.0940	48	\$	4.49	\$	-	0.00%
0 5		6.68	\$	0.1320	51	\$	6.68	\$	-	0.00%
		59.35				\$	62.23	\$	2.88	4.85%
										4.85%
%				8%				\$		
		62.32				\$	65.34	\$	3.02	4.85%
	3% 3% \$ \$	\$	\$ (4.75)	\$ (4.75)	3% \$ (4.75) 8%	\$ (4.75) 8%	\$ (4.75) 8%	3% \$ (4.75) 8% \$ (4.98)	3% \$ (4.75) 8% \$ (4.98) \$	3% \$ (4.75) 8% \$ (4.98) \$ (0.23)

Customer Class:			ASSIFICATION											
RPP / Non-RPP:														
Consumption	281	kWh												
Demand	-	kW												
Current Loss Factor	1.0682													
Proposed/Approved Loss Factor	1.0682													
				B-Approved	1			_	Proposed				Im	pact
			Rate	Volume		Charge		Rate	Volume		Charge			
		•	(\$)		•	(\$)	•	(\$)		•	(\$)		Change	% Change
Monthly Service Charge		\$	26.99 0.0054		\$ \$	26.99	\$ \$	30.85	1	\$	30.85	\$	3.86	14.30% -100.00%
Distribution Volumetric Rate Fixed Rate Riders		<b>P</b>	0.0054	281		1.52		-	281	\$	-	9 6	(1.52)	-100.00%
Volumetric Rate Riders		Դ Տ	-	281	\$ \$	-	\$ \$	0.0018	281	\$ \$	- 0.51	Դ Տ	- 0.51	
Sub-Total A (excluding pass through)		ð	-	201	э \$	28.51	Þ	0.0018	201	э \$	31.36	э \$	2.85	9.99%
Line Losses on Cost of Power		\$	0.1101	19	9 \$	2.11	\$	0.1101	19	<b>9</b> \$	2.11	<b>9</b> \$	2.05	0.00%
Total Deferral/Variance Account Rate		÷.												
Riders		\$	0.0005	281	\$	0.14	\$	0.0006	281	\$	0.17	\$	0.03	20.00%
CBR Class B Rate Riders		\$	-	281	\$	-	\$	-	281	\$	-	\$	-	
GA Rate Riders		-\$	0.0002	281	\$	(0.06)	\$	0.0029	281	\$	0.81	\$	0.87	-1550.00%
Low Voltage Service Charge		\$	0.0020	281	\$	0.56	\$	0.0020	281	\$	0.56	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders				281	\$	-	\$	-	281	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-					\$	31.83				\$	35.58	\$	3.75	11.77%
Total A)					•					•		•		
RTSR - Network		\$	0.0066	300	\$	1.98	\$	0.0066	300	\$	1.98	\$	-	0.00%
RTSR - Connection and/or Line and		\$	0.0052	300	\$	1.56	\$	0.0052	300	\$	1.56	\$	-	0.00%
Transformation Connection Sub-Total C - Delivery (including Sub-		-					-			-				
Total B)					\$	35.38				\$	39.12	\$	3.75	10.59%
Wholesale Market Service Charge		\$	0.0036	300	\$	1.08	\$	0.0036	300	\$	1.08	\$		0.00%
(WMSC)		Ŷ	0.0000	000	Ψ	1.00	•	0.0000	000	Ψ	1.00	Ψ		0.0070
Rural and Remote Rate Protection		\$	0.0003	300	\$	0.09	\$	0.0003	300	\$	0.09	\$	-	0.00%
(RRRP)														
Standard Supply Service Charge Non-RPP Retailer Avg. Price		\$	0.1101	281	¢	30.94	•	0.1101	281	¢	30.94	¢	-	0.00%
Non-RPP Retailer Avg. Price		\$	0.1101	201	þ	30.94	þ	0.1101	201	ð	30.94	ð		0.00%
Total Bill on Non-RPP Avg. Price					\$	67.48	1			\$	71.23	\$	3.75	5.55%
HST			13%		\$	8.77	1	13%		\$	9.26	\$	0.49	5.55%
8% Rebate			8%		-		1	8%						
Total Bill on Non-RPP Avg. Price					\$	76.26				\$	80.49	\$	4.23	5.55%

## 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 cells updated

#### Account 1589 Global Adjustment (GA) Analysis Workform

Input cells Drop down cells	
Year(s) Requested for Disposition	2017

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

Year		2016		
Total Metered excluding WMP	C = A+B	195,500,072	kWh	100%
RPP	A	75,846,879	kWh	38.8%
Non RPP	B = D+E	119,653,194	kWh	61.2%
Non-RPP Class A	D	28,267,589	kWh	14.5%
Non-RPP Class B*	E	91,385,605	kWh	46.7%

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

#### Note 3 GA Billing Rate

Note 1

GA is billed on the

1st Estimate

#### GA Billing Rate Description

Midland PUC bills all Non-RPP customers based on the 1st estimate of GA provided by the IESO.

Midland PUC confirms it bills customers on a calendar month basis. Consumption for each billing cycele is billed in the subsequent month.

Midland PUC creates new GA billing rates each month in our billing system. The monthly rates have "rate effective dates" for the each month. This enables the proration of GA charges when a customer is billed over two months (ie: consumption billed from January 15, 2016 - Feburary 10, 2016)

Midland PUC confirms where a billing spans more than one month, the GA billing rate is prorated based on the consumption for the blended months.

Midland PUC confirms the GA rate is applied consistently for all billing and unbilled revenue transactions for non-RPP Class B customers in each rate class.

----

#### Note 4 Analysis of Expected GA Amount

Year	2017								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Adjusted Consumption,	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	=М-К
January	10,337,537.38			10,337,537	0.06687	\$ 691,271	0.08227	\$ 850,469	\$ 159,198
February	8,965,029.82			8,965,030	0.10559	\$ 946,617	0.08639	\$ 774,489	-\$ 172,129

October November	5,030,873.94 5,276,700.49 5,381,381.89		5,830,874 5,276,700 5,381,382	0.12739 0.10212 0.11164	\$	538,857 600,777	0.08864 \$	662,912 522,209	- <del>3</del> \$	124,055 78,568
September	5,630,873.94		5,630,874	0.12739	\$	717,317	0.08864 \$	499,121	-\$	218,196
July August	5,923,700.56 5,838,461.81		5,923,701 5,838,462	0.10652	•	630,993 671,423	0.11280 \$	668,193 590,210	-\$	37,201 81,213
June	9,902,217.76		9,902,218	0.11954		1,183,711	0.11848 \$	1,173,215	-\$	10,496
April May	8,795,551.61 9,633,728.85		8,795,552 9,633,729	0.06874 0.10623		<u> </u>	0.10778 \$ 0.12307 \$	947,985 1,185,623	\$ \$	343,378 162,232
March	10,041,618.92		10,041,619	0.08409		844,400	0.07135 \$	716,470	-\$	127,930

#### Reconciling Items Note 5

			Amount	(Quantify	
		Applicability of		significant	
	ltem	Reconciling Item (Y/N)		ling item)	Explanation
	item	Reconciling item (1/N)	reconci	ing item)	Explanation
Net Chang	e in Principal Balance in the GL (i.e. Transactions in the	(ear)	\$	222,585	
	Remove impacts to GA from prior year RPP Settlement true				All settlement true-up adjustments are accounted for in the appropriate calendar year. GA true-ups are done each year-
1a	up process that are booked in current year	No			end and are accrued in the current year .
	Add impacts to GA from current year RPP Settlement true up				All settlement true-up adjustments are accounted for in the appropriate calendar year. GA true-ups are done each year-
1b	process that are booked in subsequent year	No			end and are accrued in the current year .
					Unbilled revenue is calculated each year based on actual consumption and rates. No adjustments to unbilled revenue
	Remove prior year end unbilled to actual revenue differences	No			are required.
2b	Add current year end unbilled to actual revenue differences	No			Unbilled revenue is calculated each year based on actual consumption and rates. No adjustments to unbilled revenue
	Remove difference between prior year accrual to forecast				
3a	from long term load transfers	No	\$	9,500.73	Midland PUC 2016 Long Term Load Transfers accounted for in 2017 financial statements
	Add difference between current year accrual to forecast from				Midland PUC 2017 Long Term Load Transfers were accounted for in 2017 and all load transfers were eliminated in
3b	long term load transfers	No			2017.
	Remove CA holonoop pertoining to Close A systemate	No			
4	Remove GA balances pertaining to Class A customers	INO			The balances above did not include any Class A customer consumption
	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			Midland PUC did not have any significant billing adjustments included in the current year GL.
	Differences in GA IESO posted rate and rate charged on				
-	IESO invoice	No			
7	IESO charges in 2017 from prior years	No			Midland PUC did not have any material GA charges in 2017 from prior years
8					
9					
10					
Note 6	Adjusted Net Change in Principal Balance in the GL	_	\$	232,085	
	Net Change in Expected GA Balance in the Year Per Anal	ysis	\$	183,708	
	Unresolved Difference		\$	48,378	
	Unresolved Difference as % of Expected GA Payments to	IESO		0.531%	

Unresolved Difference as % of Expected GA Payments to IESO

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

Year	Expecte	Net Change in d GA Balance Analysis (cell K59)	Prin	et Change in Iccipal Balance the GL (cell D65)	conciling Items um of cells D66 to D78)	djusted Net Change in Principal alance in the GL	-	Inresolved Difference		Unresolved Difference as % of Expected GA Payments to IESO
2017	\$	183,708	\$	222,585	\$ 9,501	\$ 232,085		48,378	\$ 9,111,901	0.5%
						\$ -	\$	-		0.0%
						\$ -	\$	-		0.0%
						\$ -	\$	-		0.0%
Cumulative Balance	\$	183,708	\$	222,585	\$ 9,501	\$ 232,085	\$	48,378	\$ 9,111,901.23	N/A

Additional Notes and Comments

# Appendix 5: LRAMVA Model

(Presented in PDF and Excel Format)

## LRAMVA Work Form: Checklist and Schematic

Version 3.0 (2019)

### General Note on the LRAMVA Model

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

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

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

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

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

	ntario Energy Board	LRAMVA Work Form: Summary Tab	Version 3.0 (2019)
	User Inputs (Green)		
egend	Auto Populated Cells (White)		
	Instructions (Grey)		
C Name	Midland Power Utility Corporation		

LRAMVA (\$) for Account 1568

A-B+C

\$

331,347

### 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-2011-0	182	Current LRAMVA Application (EB#)		EB-2018-0	05:
Application of Previous LRAMVA Claim	2011 IRM A	Application	Application of Current LRAMVA Claim	ı	2019 IRM /	٩p
Period of LRAMVA Claimed in Previous Application	2012-2013		Period of New LRAMVA in this Applic	ation	2011-2017	
Amount of LRAMVA Claimed in Previous Application	\$	11,223.00	Period of Rate Recovery (# years)			
			Actual Lost Revenues (\$)	А	\$	
			Forecast Lost Revenues (\$)	В	\$	
			Carrying Charges (\$)	С	\$	

### 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	\$153,709	\$4,745	\$158,454
GS<50 kW	kWh	-\$49,430	-\$3,110	-\$52,539
GS>50	kW	\$215,671	\$8,602	\$224,273
Street Lights	kW	\$1,113	\$47	\$1,159
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$321,063	\$10,284	\$331,347

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

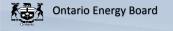
In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including 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.

C. Documentation of Changes	
Original Amount	
Amount for Final Disposition	

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	Street Lights											Total
		kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2012 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																/
2013 Actuals		\$6,172.34	\$17,222.99	\$15,203.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38,598.79
2013 Forecast		(\$9,848.21)	(\$40,402.44)	(\$1,759.74)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$52,010.39)
Amount Cleared																A
2014 Actuals		\$11,498.01	\$24,187.17	\$25,847.18	\$282.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61,814.63
2014 Forecast		(\$9,996.68)	(\$40,917.12)	(\$1,791.71)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$52,705.51)
Amount Cleared												1				4
2015 Actuals		\$30,048.84	\$37,388.98	\$54,792.89	\$272.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$122,503.65
2015 Forecast		(\$10,095.65)	(\$41,431.80)	(\$1,812.90)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$53,340.36)
Amount Cleared		\$68.289.50	\$38.648.30	\$55,566,79	\$276.98	\$0.00	\$0.00	\$0.00	\$0.00	<b>60.00</b>	<b>6</b> 0.00	<b>60.00</b>	<b>6</b> 0.00	\$0.00	\$0.00	6400 704 57
2016 Actuals		(\$8,561,51)	\$38,648.30 (\$42,203.83)	\$55,566.79 (\$1,839,80)	\$276.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00		\$162,781.57 (\$52,605,14)
2016 Forecast Amount Cleared		(\$8,561.51)	(\$42,203.83)	(\$1,839.80)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$52,605.14)
2017 Actuals	I	\$82,338.81	\$40,796.68	\$73,332.71	\$280.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$196,748.83
2017 Actuals 2017 Forecast		(\$6,136.57)	(\$42,718.51)	(\$1,867.74)	\$2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$50,722.82)
Amount Cleared		(\$0,130.37)	(\$42,710.51)	(\$1,007.74)	\$0.00	\$0.00	\$0.00	30.00	\$0.00	\$0.00	\$0.00	\$0.00	ş0.00	<i>40.00</i>	\$0.00	(\$30,722.02)
2018 Actuals		\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	ψ0.00	<i>\$0.00</i>	ψ0.00	\$0.00	
2019 Actuals	· · ·	\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2020 Actuals	•	\$0.00	\$0.00	\$0.00	\$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 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared									1							
Carrying Charges		\$4,744.81	(\$3,109.65)	\$8,601.99	\$46.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,283.68
Total LRAMVA Balance		\$158,454	-\$52,539	\$224,273	\$1,159	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,347
Note: LDC to make note of assumption	ons included above, if any															

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## LRAMVA Work Form: Summary of Changes

Version 3.0 (2019)

Legend

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

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

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

No.	Tab	Cell Reference	Description	Rationale
1				
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.				

Ontario Energy Boar	rd	LRAMVA Work Form:	
		Forecast Lost Revenues	Version 3.0 (2019)
Legend	User Inputs (Green)		
	Drop Down List (Blue)		
	Auto Populated Cells (White)		
	Instructions (Grey)		
Table 2-a. LRAMVA Threshold	2013		

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA chaim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-L 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	Street Lights										
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	3,299,236	494,885	2,573,404	230,947	0										
kW	576			576											
· · · · ·															
Summary		494885	2573404	576	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold	2013-2014
Source of Threshold	2013 Settlement Agreement, p. 20 of 75

### 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 24. 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	Street Lights										
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

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

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 3-a will be auto-populate from Tables 2-a and 2-b depending on the year selected.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS>50	Street Lights										
		kWh	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	494,885	2,573,404	576	0	0	0	0	0	0	0	0	0	0	0
2014	2013	494,885	2,573,404	576	0	0	0	0	0	0	0	0	0	0	0
2015	2013	494,885	2,573,404	576	0	0	0	0	0	0	0	0	0	0	0
2016	2013	494,885	2,573,404	576	0	0	0	0	0	0	0	0	0	0	0
2017	2013	494,885	2,573,404	576	0	0	0	0	0	Ó	0	0	0	0	0

Note: Midland PUC last filed a Cost of Service in 2013 and allocated the 2011-2014 CDM targets outlined in the OPA's Final Annual Report as noted in the LRAMVA Threshold for 2013 noted above.

LRAMVA Work Form:

Version 3.0 (2019)

## **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 LRAMA 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 (darwary 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 distribution, environment of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional distingtions (i.e., environment) and advectingting the distribution rates are contractly.

	Billing Unit	EB-2009-0236	EB-2010-0099	EB-2011-0434	EB-2012-0147	EB-2013-0151	EB-2014-0093	EB-2015-0088	EB-2016-0092	EB-2017-0060	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		4	4	4	4	4	4	4	4	4			
Period 2 (# months)		8	8	8	8	8	8	8	8	8	12	12	12
Residential		\$ 0.0194	\$ 0.0194	\$ 0.0196	\$ 0.0200	\$ 0.0203	\$ 0.0205	\$ 0.0157	\$ 0.0107	\$ 0.0054			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other		\$ 0.0194	\$ 0.0194	\$ 0.0196	\$ 0.0200	\$ 0.0203	\$ 0.0205	\$ 0.0157	\$ 0.0107	\$ 0.0054			
Adjusted rate Calendar year equivalent		\$ 0.0194	\$ 0.0194 \$ 0.0194				\$ 0.0205	\$ 0.0157				s -	
Calendar year equivalent			\$ 0.0154	\$ 0.0155	\$ 0.0155	3 0.0202	\$ 0.0204	\$ 0.0175	\$ 0.0124	\$ 0.0072	• •	•	
GS<50 kW		\$ 0.0154	\$ 0.0154	\$ 0.0155	\$ 0.0158	\$ 0.0160	\$ 0.0162	\$ 0.0165	\$ 0.0167	\$ 0.0168			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other		\$ 0.0154	\$ 0.0154	\$ 0.0155	\$ 0.0158	\$ 0.0160	\$ 0.0162		\$ 0.0167	\$ 0.0168		s -	
Adjusted rate Calendar year equivalent		\$ 0.0154	\$ 0.0154 \$ 0.0154		\$ 0.0158 \$ 0.0157	\$ 0.0160 \$ 0.0159	\$ 0.0162 \$ 0.0161	\$ 0.0165 \$ 0.0164		\$ 0.0168		s -	
Calendar year equivalent			\$ 0.0134	\$ 0.0155	\$ 0.0157	3 0.0155	\$ 0.0101	\$ 0.0104	\$ 0.0100	\$ 0.0108	• •	•	
GS>50		\$ 2.9640	\$ 2.9693	\$ 2.9954	\$ 3.0849	\$ 3.1235	\$ 3.1594	\$ 3.2115	\$ 3.2581	\$ 3.2825			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ 2.9640	\$ 2.9693 \$ 2.9675	\$ 2.9954 \$ 2.9867	\$ 3.0849 \$ 3.0551	\$ 3.1235 \$ 3.1106	\$ 3.1594 \$ 3.1474	\$ 3.2115 \$ 3.1941		\$ 3.2825 \$ 3.2744	\$ - \$ -	\$ - \$ -	
Calendar vear equivalent			ə 2.9675	ə 2.9867	ə 3.0551	ə 3.1106	ə 3.1474	ə 3.1941	> 3.2426	ə 3.2744	• •	• •	
Street Lights		\$ 8.5358	\$ 8.5512	\$ 8.6265	\$ 8.4572	\$ 8.5629	\$ 8.6614	\$ 8.8043	\$ 8.9320	\$ 8.9990			
Rate rider for tax sharing		0.0000	0.0012	0.0200	0.4072	0.0020	0.0014	0.0040	0.0020	0.0000			
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ 8.5358	\$ 8.5512	\$ 8.6265				\$ 8.8043				\$ -	
Calendar vear equivalent			\$ 8.5461	\$ 8.6014	\$ 8.5136	\$ 8.5277	\$ 8.6286	\$ 8.7567	\$ 8.8894	\$ 8.9767	s -	s -	
0										1			
Adjusted rate	0	s -	\$ -	s -	\$ -	\$ -	\$ -	s -	s -	\$-	\$ -	\$-	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$ -	
									-		-		
0	0	s .	s -	s -	s .	s -	s .	s -	\$ -	\$ -	s .	\$ .	
Adjusted rate Calendar year equivalent		\$.	\$ - \$ -	s -	\$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ -	\$ - \$ -	\$ - \$ -	
Calendar year equivalent			•	•	• •	•	•	•	• •	• •	• •	•	
0	0												
Adjusted rate	0	s -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$-	
Calendar year equivalent			s -	s -	s -	\$ -	\$ -	s -	s -	s -	s -	s -	
-													
D Adjusted rate	0	۹	s -	٩	\$ .	s -	s .	s -	۶	٩	s -	s -	
Calendar vear equivalent		•	\$ -	š -	š -	\$ -	š -	š -	š -	\$ -	\$ -	\$ -	
0	0												
Adjusted rate	,	s -	ş -	s -	\$ -	\$ -	\$ -	s -	\$ -	\$	\$ -	\$ -	
Calendar year equivalent			\$-	s -	s -	s -	s -	s -	\$-	s -	s -	\$-	
0									1	1			
Adjusted rate	0	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	
Calendar vear equivalent		• •	\$ -	s -	š -	\$ -	š -	š -	\$ -	\$ -	\$ -	\$ -	
0	0			-								-	
Adjusted rate	-	s -	s -	s -	\$ -	s -	\$ -	s -	s -	\$ -	\$ -	\$.	
Calendar year equivalent			s -	s -	s -	s -	s -	s -	\$-	\$-	s -	s -	
0													
Adjusted rate	0	s -	s -	s -	\$ -	\$ -	s -	s -	\$-	\$-	\$ -	\$-	
Calendar vear equivalent		•	\$ -	s -	š -	\$ -	š -	s -	\$ -	\$ -	\$ -	š -	
0	0												
Adjusted rate		\$ -	\$ - \$ -	s -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	1
Calendar year equivalent			ə -	s -	۰ ۰	۰ ۰	۰ ·	۰ ۰	۰ ۰	۰ ۰	۰ ۰	\$-	
0													
Adjusted rate	0	s -	\$-	s -	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$.	
Calendar vear equivalent			\$ -	s -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances - Midland PUC has not made adjustments to Table 3 to accormodate any specific circumstances

### Table 3-a. Distribution Rates by Rate Class

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

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

Year	Residential	GS<50 kW	G\$>50	Street Lights										
	kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0
2011	\$0.0194	\$0.0154	\$2.9675	\$8.5461	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0195	\$0.0155	\$2.9867	\$8.6014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0199	\$0.0157	\$3.0551	\$8.5136	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0202	\$0.0159	\$3.1106	\$8.5277	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0204	\$0.0161	\$3.1474	\$8.6286	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0173	\$0.0164	\$3.1941	\$8.7567	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0124	\$0.0166	\$3.2426	\$8.8894	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition - Midland PUC has not removed or modified table 3a

# LRAMVA Work Form: Determination of Rate Class Allocations

Version 3.0 (2019)

## 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 Allo	cations for LRA	MVA	
2011 CDM Programs	Residential	GS<50 kW	GS>50 kW	Street Lighting	Total
Consumer Program					
Appliance Retirement	100%				100%
Appliance Exchange	100%				100%
HVAC Incentives	100%				100%
Conservation Instant Coupon Booklet	100%				100%
Bi-Annual Retailer Event	100%				100%
Business Program					
Direct Install Lighting		100%			100%
Energy Audit		100%			100%
Demand Response 3					0%
Industrial Program					
Retrofit		6%	94%		100%
Hama Assistance Promoti					
Home Assistance Program	1000/				4000/
Home Assistance Program	100%				100%
Demand Response 3					0%
Pre-2011 Programs completed in 2011					
Electricity Retrofit Incentive Program			90%		90%
High Performance New Construction		100%	90%		90% 100%
		100%			100%

		Rate Allo	cations for LRA	MVA	
2012 CDM Programs	Residential	GS<50 kW	GS>50 kW	Street Lighting	Total
Consumer Program					
Appliance Retirement	100%				100%
Appliance Exchange	100%				100%
HVAC Incentives	100%				100%
Conservation Instant Coupon Booklet	100%				100%
Bi-Annual Retailer Event	100%				100%
Business Program					
Direct Install Lighting		100%			100%
Demand Response 3			0%		0%
Industrial Program					
Retrofit		18%	82%		100%
Home Assistance Program					
Home Assistance Program	100%				100%
Pre-2011 Programs completed in 2011					
High Performance New Construction		100.00%			100%

		Rate Allo	cations for LRA	MVA	
2013 CDM Programs	Residential	GS<50 kW	GS>50 kW	Street Lighting	Total
Consumer Program					
Appliance Retirement	100%				100%
Appliance Exchange	100%				100%
HVAC Incentives	100%				100%
Conservation Instant Coupon Booklet	100%				100%
Bi-Annual Retailer Event	100%				100%
Business Program					
Direct Install Lighting		100%			100%
Demand Response 3		0%			0%
Industrial Program					
Retrofit		23%	77%		100%
Demand Response 3			0%		0%
Home Assistance Program					
Home Assistance Program	100%				100%

		Rate Allo	cations for LRA	MVA	
2014 CDM Programs	Residential	GS<50 kW	GS>50 kW	Street Lighting	Tota
Consumer Program					
Appliance Retirement	100%				100%
Appliance Exchange	100%				100%
HVAC Incentives	100%				100%
Conservation Instant Coupon Booklet	100%				100%
Bi-Annual Retailer Event	100%				100%
Business Program					
Direct Install Lighting		100%			100%
Energy Audit			100.00%		100%
Demand Response 3		0%			0%
Industrial Program					
Energy Manager			0%		0%
Retrofit		8%	91%	1%	100%
Demand Response 3		070	0%	170	0%
			070		070
Home Assistance Program					
Home Assistance Program	100%				100%
Other					
Time of Use Savings	50%	50%			100%
Time of 030 davings	3078	0070			1007

		cations for LRA	RAMVA		
2015 CDM Programs	Residential	GS<50 kW	GS>50 kW	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%
Commercial & Institutional Program					
Energy Audit Initiative			100%		100%
Efficiency: Equipment Replacement Incentive Initiative		12%	88%		100%
Direct Install Lighting and Water Heating Initiative		100%			100%
Industrial Program					
Process and Systems Upgrades Initiatives - Energy Manager Initiative			100%		100%

Low Income Program				
Low Income Initiative	100%			100%
Other				
Conservation First Framework				
Residential Province-Wide Programs				
Save on Energy Coupon Program	100%			100%
Save on Energy Heating & Cooling Program	100%			100%
Non-Residential Province-Wide Programs				
Save on Energy Retrofit Program		30%	65%	95%

		Rate Allo	cations for LRA	RAMVA		
2016 CDM Programs	Residential	GS<50 kW	GS>50 kW	Street Lighting	Total	
Conservation First Framework						
Residential Province-Wide Programs						
Save on Energy Coupon Program	100%				100%	
Save on Energy Heating & Cooling Program	100%				100%	
Non-Residential Province-Wide Programs						
Save on Energy Retrofit Program		0%	0%		100%	
Save on Energy Small Business Lighting Program		100%			100%	
Save on Energy Energy Manager Program			100%		100%	

		Rate Allo	cations for LRA	MVA	
2017 CDM Programs	Residential	GS<50 kW	GS>50 kW	Street Lighting	Total
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 Home Assistance Program	100%				100%
Non-Residential Province-Wide Programs					
Save on Energy Retrofit Program		10%	90%		100%
Save on Energy Small Business Lighting Program		100%			100%
Save on Energy Energy Manager Program			100%		100%

LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

## Legend

Tables

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 rescover but revenues from the 2011-2014 period. Please rips of manually like the saving, adjustments and program analyging prestatione data in these tables from the LDCs. Pleastering of must be apply to LDCs that need to rescover but revenues from the 2011-2014 period. Please rips of manually like the saving, adjustments and program analyging prestatione data is available upon request from the LECs.

2. Please ensure that the ESO verified avirgs adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the ESO is 2013 should be included in the 2012 program savings table. In order for prestings avirgs to be claimed in that we pars, party year's initialitie fived savings reductive end to be filed out in the tables terior. If the ESO adjustments were made available to the LDC after the LRAM/A was approved, the prestingence of the saving adjustment in that was can be claimed as genored. RAMA manuatic are concluded to the IDC.

3. The work forms below include the monthly multipliers for most programs in order to claim demand saving: from energy efficiency programs, consistent with the monthly multipliers indicated in the CEB1 spatial LRAM policy related to peak demand saving in ES2/076-0182. Demand Response (ER3) pavoing a hourd generally not be related with the LRAM Actuation, unless appende to you device. LCCL are requested to confirm the monthly multipliers for all programs each system in FS2.

4. LDC are requested to input the applicable ratio 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 saving adjustments, LDCs must provide supporting nationale 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 LRAMA totals for the year) if future year's persistence of savings is attendy captured in the updated load forecast. Please also provide assumptions about the years in which pensistence is captured in the load forecast calculation in the Notes' section below each table.

#### Table 4-b. 2012 Los Table 4 - 2012 Los

Table 4-a 2011 Lost Revenues Table 4-b 2012 Lost Revenues Table 4-c 2013 Lost Revenues Table 4-d 2014 Lost Revenues

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

Table 4-a. 2011 Lost Revenues Work Form				
Program	Results Status	Net Energy Strings (MW)         Net Energy Skrings Partistance (VH)         Net Park Demand Skrings Partistance (VH)         Real Advanced Skrings Partistance (VH)         Real Advanced Skrings Partistance (VH)           ada atar         Image: Skrings Partistance (VH)         Image: Skrings Partistance (VH) <td< th=""><th></th><th></th></td<>		
	<b>U</b> taka a	2011 2012 2013 2014 2015 2014 2015 2018 2017 2018 2019 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 Residential G5-d9 AW G5-59 Street Lights		Total
Appliance Retirement Adjustment to 2011 savings	Verified True-up	rflad 31,401 31,401 22,466 0 0 1 4 4 3 0 0 1 100,00%	0.00%	0 100%
Applance Exchange Adjustment to 2011 savings	Verified True-up		0.00%	0.00%
HVAC Incentives Adjustment to 2011 savings	Verified True-up		0.00%	0.00%
Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up		0.00%	0.00%
5 Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up		0.00%	0.00%
Retailer Co-op Adjustment to 2011 savings	Verified True-up		0.00%	0.00%
7 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%
Business Program 10 Retroft	Verified			0%
Adjustment to 2011 savings	True-up Verified			0.00%
Adjustment to 2011 savings	True-up Verified	Image: Contract of the second secon	0.00%	0.00%
Adjustment to 2011 savings	True-up Verified		0.00%	0.00%
Adjustment to 2011 savinos	True-up Verified	ae-up	0.00%	0.00%
Adustment to 2011 savinos	True-up Verified	eeee	0.00%	0.00%
5 Small Commercial Demand Response Adjustment to 2011 savings	True-up	imp     imp <td>0.00%</td> <td>0.00%</td>	0.00%	0.00%
Small Commercial Demand Response (IHD) Adjustment to 2011 savinos	Verified True-up		0.00%	0%
17 Demand Response 3 Adjustment to 2011 savings	Verified True-up		0.00%	0%
Industrial Program 18 Process & System Upgrades	Verified True-up		0.00%	0%
Adjustment to 2011 savinos	Verified True-up			0%
Adjustment to 2011 savinos	Verified			0.00%
Adjustment to 2011 savings	True-up Verified	45         475         475         475         475         475         475         71         71         71         71         71         71         517		100%
Adjustment to 2011 savings 2 Demand Response 3	True-up Verified			0.00%
Adjustment to 2011 savings	True-up		0.00%	0.00%
13 Home Assistance Program Adjustment to 2011 savings	Verified True-up	Image: Control in the contro	0.00%	0%
Aboriginal Program Home Assistance Program Adjustment to 2011 savinos	Verified True-up		0.00%	0%
25 Direct Install Lighting Adjustment to 2011 savinos	Verified True-up		0.00%	0%
Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program	Verified			100%
Adjustment to 2011 savings	True-up Verified			0.00%
Adjustment to 2011 savinos Toronto Comprehensive	True-up Verified			0.00%
Adjustment to 2011 savinos 9 Multifamily Energy Efficiency Rebates	True-up Verified			0.00%
Adjustment to 2011 savings	True-up Verified			0.00%
Adjustment to 2011 savings	True-up	we-up 0 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00%
Other Program Enabled Savings	Verified			0%

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Adjustment to 2011 savings	True-up										0										0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
32 Adjustment to 2011 savings	Verified True-up										0										0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 LDC Pilots Adjustment to 2011 savings	Verified True-up										12										0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2011		0	0	903,957 8	43,240	828,613 7	63	2,672 0	0	0		0	0	200	179	177	173	111	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011									_	_											0		0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 progr Forecast Lost Revenues in 2011 LRAMVA in 2011	ams																				\$0.0194 \$0.00 \$0.00		\$0.01540 \$0.00 \$0.00	\$2.96750 \$0.00 \$0.00	\$8.54610 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$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 2015 2011 Savings Persisting in 2017																					0 127,41 126,71 112,09 83,79 70,68	8	0 280,210 220,194 220,194 219,637 69,611	0 913 913 913 901 901	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0	

2 Lost Revenues Work Forr

		Net Energy Savings (kWh)		Net Energy S	Savings Persistence	2 (kWh)			Net Demand Savings (kW)	Net Pea	k Demand Saving	s Persisten	e (kW)					_		_	Rate Allocations	for LRAMVA							
Program	Results Status	2012	2013 2014	2015 201	16 2017 20	018 2019 202	120 2021	Monthly Multiplier	2012 2013 2014	2015	2016 2017	2018	2019 2	020 2021	Residential	GS<50 kW	GS>50	Street Lights											fotal
Consumer Program Appliance Retirement Adjustment to 2012 savings	Verified True-up		23,056 23,056	22,851 12,8	824 0			E	4 4	3	2 0				kWh 100.00% 100.00%	6Wh	kW 0.00%	NW 0.00%	0	0.00%	0	0	0.00%	0	0	0.00%	0.00%	0	00%
2 Appliance Exchange Adjustment to 2012 savings	Verified True-up		2,500 2,500	2,497 0	0			E	1 1	1	0 0				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
3 HVAC Incentives Adjustment to 2012 savings	Verified True-up		36,357 36,357 682 672	36,357 36,3 672 67	357 36,357 12 672			E	21 21 0 0	21 0	21 21 0 0				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
4 Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up		1,672 1,672	1,672 1,6	46 1,646			E	0 0	0	0 0				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
Bi-Annual Retailer Event Adjustment to 2012 savings	Verified True-up		32,018 32,018	32,018 28,7	782 23,404			E	2 2	2	2 1				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
6 Retailer Co-op Adjustment to 2012 savings	Verified True-up							E							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response Adjustment to 2012 savings	Verified True-up							E							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response (IHD) Adjustment to 2012 savings	Verified True-up							E							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2012 savings	Verified True-up							E							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Business Program Retrofit Adjustment to 2012 savings	Verified True-up							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2012 savings     Direct Install Lighting     Adjustment to 2012 savings	Verified True-up		187,768 187,768 5,610 5,610	8 139,754 139,	698 31,177			12	48 48	37	37 7				0.00%	100% 100%	0.00%										0.00%		00%
Adjustment to 2012 savings 2 Building Commissioning Adjustment to 2012 savings	Verified		5,610 5,610	5,610 5,6	10 2,362			3		,	1 0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			0%
Adjustment to 2012 savings New Construction Adjustment to 2012 savings	True-up Verified							3							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 Energy Audit Adjustment to 2012 savings	True-up Verified							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
5 Small Commercial Demand Response	True-up Verified							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Adjustment to 2012 savings Small Commercial Demand Response (IHD)	True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2012 savings	True-up							Ŀ							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7 Demand Response 3 Adjustment to 2012 savings	Verified True-up							E							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process & System Upgrades Adjustment to 2012 savings	Verified True-up							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Monitoring & Targeting Adjustment to 2012 savings	Verified True-up							12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Manager Adjustment to 2012 savings	Verified True-up							12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Retrofit Adjustment to 2012 savings	Verified True-up		676,923 676,923 131,339 131,339	3 544,027 544, 0 131,339 131,	027 520,910 339 131,339			12 12	147 147 23 23	106 23	106 99 23 23				0.00%	18% 18.00%	82% 82.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
2 Demand Response 3 Adjustment to 2012 savings	Verified True-up							E							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Assistance Program 3 Home Assistance Program Adjustment to 2012 savings	Verified True-up		1,736 1,736	1,692 1,6	92 1,692			E	0 0	0	0 0				100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
Aboriginal Program 1 Home Assistance Program Adjustment to 2012 savings	Verified True-up							F							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install Lighting Adjustment to 2012 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Pre-2011 Programs completed in 2011	Verified							12																					0%
Electricity Retrofit Incentive Proaram Adjustment to 2012 savings	True-up Verified		131 131	131 13	81 131			12	0 0	0	0 0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
High Performance New Construction Adjustment to 2012 savings     Toronto Comprehensive     Adjustment to 2019 and page	True-up Verified							12							0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2012 savings	True-up Verified							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	True-up Verified							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
LDC Custom Programs Adjustment to 2012 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	<i>e 1</i> 4
Other Program Enabled Savings Adjustment to 2012 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Time of Use Savings Adjustment to 2012 savings	Verified True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
LDC Pilots Adjustment to 2012 savings	Verified True-up							12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2012 Forecast CDM Savings in 2012		0	1,099,789 1,099,780	80 918,619 902,	778 749,690	0 0 0	0 0		0 247 247	195	192 152	0	0	0 0	0	0	0	0	0	0	0	0	0	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															\$0.01950 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.01550 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2.98670 \$0.00 \$0.00 \$0.00 \$0.00	\$8.60140 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 S	0.00 0.00 0.00 0.00 0.00

	98.020	338,995	1.678											
2012 Savings Hersisang in 2013				0	0	0	0	U	0	0	0	U	0	0
2012 Savings Persisting in 2014	98,010	338,995	1,678	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2015	97,758	267,061	1,275	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2016	81,974	267,005	1,275	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2017	63,771	151,075	1,206	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Note: LDC to make note of key assumptions included above														

Note: LDC to make note of key assumptions includ	ed above																														
Table 4-c. 2013 Lost Revenues Work Form		Net Energy	1							Net Damand														is for LRAMVA							_
	Results	Savings (kWh)		,	let Energy Sa	wings Persis	tence (kWh)		Monthly	Net Demand Savings (kW)	4	Net	Peak Demar	nd Savings P	ersistence (kW)								ate Allocation	IS FOT LRAMVA							
Program	Results Status	2013	2014	2015 20	16 2017	2018	2019 202	0 2021 20	Multiplier	2013	2014	2015 2016	2017	2018	2019 2020 2	021 2022	Residential	GS<50 kW	G8>50	Street Lights										Total	
Consumer Program																	kWh	kWh	kW	KW	0	0	0	0	0	0	0	0	0	0	
Consumer Program Applance Retirement Adjustment to 2013 savings	Verified True-up	8,712	8,704	8,704 8,7	04 4,955	5				1	1	1 1	1				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange Adjustment to 2013 savings	Verified True-up	2,956	2,956	2,956 2,9	66 0				_	2	2	2 2	0				100.00%													100%	
																	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives Adjustment to 2013 savings	Verified True-up	28,772 629	28,772 629	28,772 28, 629 63	772 28,77 9 629	2				16 0	16 0	16 16 0 0	16 0				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4 Conservation Instant Coupon Booklet Adjustment to 2013 savings	Verified True-up	9,214	9,214	8,859 7,5	06 7,506	6				1	1	1 1	1				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	ModEed	20,539		19,301 15,0	78 16.07	10			_	0		1 1	1 1					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	
5 Bi-Annual Retailer Event Adjustment to 2013 savings	True-up	20,008	20,035	13,301 13,	10,01	0											100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6 Retailer Co-op Adjustment to 2013 savings	Verified True-up										+					_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
7 Residential Demand Response Adjustment to 2013 savings	Verified True-up								_		Ť																			0%	
																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Residential Demand Response (IHD) Adjustment to 2013 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Residential New Construction Adjustment to 2013 savings	Verified True-up										$\mp$					_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Revelation Deserves	True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10 Retroft Adjustment to 2013 savings	Verified True-up				_	_			12							_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
	Verified	74,400	74.400	73,217 48,	751 13.10	18			12	21	21	20 14	3					100% 100.00%												100%	
11 Direct Install Lighting Adjustment to 2013 savings	True-up								12								0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Building Commissioning Adjustment to 2013 savings	Verified True-up								3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
13 New Construction Adjustment to 2013 savings	Verified				_	_			12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%		0.00%	0.00%	0.00%	0%	
	True-up Verified								12		+						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
14 Energy Audit Adjustment to 2013 savings	True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15 Small Commercial Demand Response Adjustment to 2013 savinos	Verified True-up															_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Control Communication Community (HUD)	Verified								_																					0%	
Adjustment to 2013 savings	True-up										+						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3 Adjustment to 2013 savings	Verified True-up																0.00%	0.00%												0%	
Adjustment to 2013 savings	True-up										-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18 Process & System Upgrades Adjustment to 2013 savings	Verified True-up					_			12		+		_			_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
	Verified				_	-			12	-			-				0.00 %	0.00 %	0.0074	0.00 /8	0.0076	0.0076	0.00%	0.00 //	0.00 %	0.00%	0.0078	0.00 /8	0.0076	0%	
10 Monitoring & Targeting Adjustment to 2013 savings	True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Energy Manager Adjustment to 2013 savings	Verified True-up								12		+					_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
21 Retrofit Adjustment to 2013 savings	Verified True-up	1,220,107			,601 1,212,7	732			12	184		184 184						<b>23%</b> 23.48%	77% 76.52%											100%	
	True-up	497,856	497,856	497,856 497,	856 496,90	03			12	75	75	75 75	75				0.00%	23.48%	76.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22 Demand Response 3 Adjustment to 2013 savings	True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Home Assistance Program	Verified	13,879	12 014	13,786 12,	11.40	10			_			1 1	1				1001													100%	
23 Home Assistance Program Adjustment to 2013 savings	True-up	10,013	13,014	13,700 12,	100 11,44												100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Aboriginal Program 24 Home Assistance Program	Verified				-		r				<b>—</b> ———————————————————————————————————			<u> </u>	- T T															0%	
24 Home Assistance Program Adjustment to 2013 savings	True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Direct Install Lighting Adjustment to 2013 savings	Verified True-up								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Pre-2011 Programs completed in 2011	Verified					_			10		r																			0%	
26 Electricity Retrofit Incentive Program Adjustment to 2013 savings	True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27 High Performance New Construction Adjustment to 2013 savings	Verified True-up					_			12		+					_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
28 Toronto Comprehensive Adjustment to 2013 savings	Verified								0	-	<u> </u>																			0%	
	True-up								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up	_							0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
30 LDC Custom Programs	Verified True-up							_	0								0.00%	0.00%	0.00%	0.00%	0.001	0.00%	0.0007	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Adjustment to 2013 savings	true-up							_	0	-	-		_				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Program Enabled Savings Adjustment to 2013 savings	Verified True-up								0	-						_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
									0																					09/	
32 Time of Use Savings Adjustment to 2013 savings	Verified True-up								ő								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 LDC Pilots Adjustment to 2013 savings	Verified True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%	
Actual CDM Savings in 2013		1,877,091	1,877,018	1,873,709 1,842	1,791,2	203 0	0 0		0	303	303	302 296	280	0	0 0	0 0	84,729	477,801	2,385 576	0	0	0	0	0	0	0	0	0	0	0	_
Forecast CDM Savings in 2013										1	1			1 T			494,885 \$0.01990	2,573,404	576 \$3,05510	0 \$8.51350	0 \$0.00000	0	0	0	0 \$0.00000	0 \$0.00000	0 50.00000	0	0 50.00000	0 \$0.00000	-
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs																	\$2,535.65 \$1,950.59	\$4,399.30 \$5,322.22	\$2,789.22 \$5,127.61	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.000 \$9,724.16 \$0.00 \$12,400.4 \$0.00 \$16,474.2	6
Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs																	\$1,686.10 \$6,172.34	\$7,501.47	\$7,286.64 \$15,203.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$16,474.2 \$0.00 \$29,599.7	20
Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013																	\$9,848.21	\$40,402.44	\$1,759.74	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$38,598.7 \$0.00 \$52,010.3 -\$13,411.6	19 60
2013 Savings Persisting in 2014																	84,656	477,801	2,385	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017																	83,034 75,974	476,499 452.033	2,384	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2017 2013 Savings Persisting in 2018 2013 Savings Persisting in 2019																	68,460 0	414,553 0	2,361	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2020																	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Note: LDC to make note of key assumptions includ	ed above																														

Net Energy Savings (kWh) Net Energy Savings Persistence (KWh)

Net Demand Savings (kW) Net Peak Demand Savings Persistence (kW)

Rate Allocations for LRAMVA

Program	Status	2014	2015	2016 2017	2018		2021	2022 2023	Multiplier	2014	2015 2016	2017	2018 2	019 2020	2021 2	022 2023	Residential	GS<50 kW	QS>50	Street Lights										Total
Consumer Program Adjustrational Adjustrations	Madfield			9,869 9,660			1011				ļ		2010 2	1010			kWh	KWh	kW	kW	0	0	0	0	0	0	0	0	0	0 100%
Poqualitati to 2014 antiliga	Verified True-up									2	2 2	1					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2 Appliance Exchange Adjustment to 2014 savings	Verified True-up	3,325	3,325	3,325 3,325						2	2 2	2					100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3 HVAC Incentives Adjustment to 2014 savings	Verified True-up	43,486	43,486	43,486 43,486						23	23 23	23					100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4 Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	38,563	38,245	35,126 35,126					- [	3	3 3	3					100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5 Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	146,930	127,461	117,314 117,314	4				3	10	8 8	8					100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>6</u> Retailer Co-op Adjustment to 2014 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>7</u> Residential Demand Response Adjustment to 2014 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction     Adjustment to 2014 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Business Program	Verified																0.0078	0.00%	0.0078	0.00 %	0.00 %	0.00 %	0.00%	0.0074	0.00 /0	0.00%	0.00 /	0.00 %	0.00%	0%
10 Retrofit Adjustment to 2014 savings	True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	301,383	299,900	273,241 184,10	1				12	79	78 72	46					0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up								3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13 New Construction Adjustment to 2014 savings	Verified True-up								12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14 Enerav Audit Adjustment to 2014 savings	Verified True-up	130,547	130,547	130,547 130,547	7				12 12	27	27 27	27					0.00%	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15 Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up								- 1								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) 16	Verified																]													0%
16 Adjustment to 2014 savings	True-up Verified																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
17 Demand Response 3 Adjustment to 2014 savings	True-up										1 1						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18 Industrial Program Process & System Upgrades Adjustment to 2014 savings	Verified True-up								12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Monitorina & Taraetina Adjustment to 2014 savings	Verified True-up								12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Enerov Manager Adjustment to 2014 savings	Verified True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
21 Retrofit Adjustment to 2014 savings	Verified True-up	2,156,841	2,113,835	2,113,835 2,112,01	17		-		12	276	264 264	263					0.00%	<b>8%</b> 8.48%	91% 91.00%	1% 1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Assistance Program	Verified	17 66 9	17.641	16,129 15,417						2		3																		100%
23 Home Assistance Program Adjustment to 2014 savings	True-up	17,002	17,041	10,120 10,417					- I	5	5	5					100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 Aboriginal Program 24 Home Assistance Program Adjustment to 2014 savinos	Verified True-up					_			3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2014 savings	Verified True-up						_		0							-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified				1 1	_			12					_			1													0%
	True-up Verified								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2014 savings	True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28 Toronto Comprehensive Adjustment to 2014 savings	Verified True-up								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29 Mutifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LDC Custom Programs Adjustment to 2014 savings	Verified True-up								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Other Program Enabled Savings Adjustment to 2014 savings	Verified True-up						_		0							_	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings Adjustment to 2014 savings	Verified True-up	0	0	0 0					0	98	0 0	0					50.00% 50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
33 LDC Pilots Adjustment to 2014 savings	Verified True-up								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014		2,848,595	2,782,309	2,742,872 2,650,95	03 0	0	0 0	0 0	12	522	410 402	375	0	0 0	0	0 0	259,825	484,216	0.00% 3,333 576	0.00% 33 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Percessi CDM Savings in 2014 Distribution Rev in 2014 Lost Revenue in 2014 inon 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Percessi Lost Revenues in 2014 LRAMVA in 2014		1	<u> </u>		1		I	<u> </u>			ı I	1			1_		494,885 \$0.02020 \$2.559.71 \$1,979.79 \$1,710.05 \$5.248.46 \$11,498.01 \$9.996.68	2,573,404 \$0,01590 \$3,501.08 \$7,597.03 \$7,699.04 \$24,187.17 \$40,917.12	576 \$3.11060 \$2,839,89 \$5,220.76 \$7,419.01 \$10,367.52 \$25,847.18 \$1,791.71	0 \$0.00 \$0.00 \$0.00 \$282.27 \$282.27 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$8,900 \$0.00 \$12,590 \$0.00 \$16,726 \$0.00 \$23,597 \$0.00 \$61,814 \$0.00 \$52,705 \$9,109.
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019 2014 Savings Persisting in 2020																	238,026 225,249 224,328 0 0 0	479,088 452,429 363,135 0 0	3,199 3,199 3,194 0 0	32 32 32 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0
Note: LDC to make note of key assumptions include	ed above							-																						

### LRAMVA Work Form:

### 2015 - 2020 Lost Revenues Work Form

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

Ontario Energy Board

Legend

Tables

1. LDCs can apply for disposition of LRAINUs amounts at any time, but all a minimum, much do so as part of a cost of sankes (COS) application. The Islawing LRAINUs work tome apply to LDCs that need to recover load revolues from the 2015-2020 patient Please legislation and the RS any RS adjustment and programs among precisions data in their tables from the LDCs Pensitianes Algorits provided by the LESD (in Tab 7). As roled write, passitions data is available upon tapeat thom the LDCs Pensitianes Algorits provided by the LESD (in Tab 7). As roled write, passitions data is available upon tapeat thom the LDCs Pensitianes Algorits provided by the LESD (in Tab 7). As roled write, passitions data is available upon tapeat thom the LDCs Pensitianes Algorits provided by the LESD (in Tab 7). As roled write, passitions data is available upon tapeat thom the LDCs Tab 7) and tab 7) and tab 7).

2. Please ensure that the ESD verified savings adjustments apply back to the program yaar it relates to. For example, savings adjustments related to 2016 programs that were reported by the ESD in 2017 should be included in the 2016 program savings table. In order for pressing savings tables are made available to the LDC after the LRAMVA was approved, the pensistence of those savings adjustments tables are made available to the LDC after the LRAMVA was approved, the pensistence of those savings adjustments the advect and be and tables to the LDC after the LRAMVA was approved, the pensistence of those savings adjustments the advect and be and tables to the LDC after the LRAMVA was approved, the pensistence of those savings adjustments the advect table cardinal adjustment table cardinal tables the LDC after the LRAMVA was approved, the pensistence of those savings adjustments tables.

1. The work forms below include the monthly multipless for most programs in order to claim demand savings from every efficiency programs, consistent with the monthly multiples included in the CEE's updated LRAM policy related to paid, demand savings in EB-2016-0102. Demand Response CR3 avaid available in the CEE's updated LRAM policy related to paid, demand savings in EB-2016-0102. Demand Response CR3 avaid available in the CEE's updated LRAM policy related to paid with a set of the ADMA' available, rules available, updates updated to particular devices. LDCS are requested to confirm Te monthly multiples for all policy available and the set of the ADMA' available in the taxe havailable.

4. LDC are requested to input the applicable rate class allocation percentages to advante 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.

8. 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 LFAMI/A basis for the year) if future year's persistence of savings is already captured in the basis for a persistence and and the years in which persistence is captured in the basis forecast. Please also provide assumptions about the years in which persistence is captured in the basis forecast. Please also provide assumptions about the years in which persistence is captured in the basis forecast. Please also provide assumptions about the years in which persistence is captured in the basis forecast.

Table 5-c.	2017 Lo	at Revenue
Table 5-d	2018 Lo	at Ervens
Table 5-e	2019 Lo	at Reverse

Table 5-a. 2015 Lost Revenues Work Form		Net Energy										Net Darr								1														
Program	Results Status	Net Energy Savings (kWh)			Ne	it Energy Sav	ings Persistenc	e (kWh)			Monthi	Savings			Net Peal	k Demand Sav	ings Persiste	nce (kW)								Rate Alloca	itions for LRAM	/A						
	Seeros	2015	2016	2017	2018	2019	2020 2	021 2	022	1023 2024	wortpik	2015	201	6 2017	2018	2019 20	20 2021	2022	2023 2024	Residential	GS-50 kW	G S>50	Street Lights					1						Total
Legacy Framework Residential Program 1 Coupon Initiative	Verified	438,154	433,755	433,755				_	_		-	29	29	0 20		_	_		_	kWh 100.00%	kWh	kW	kW	0	0	0	٥	0	0	٥	0	0	0	100%
Adjustment to 2015 savings 2 Bi-Annual Retailer Event Initiative	True-up Verified	115,960									_	8		8						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings	True-up Verified	1,838	1,817	1,817								0	0	0						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings <u>4</u> HVAC Incentives Initiative	True-up Verified	161,933	161,933		_						-	83	83	8 83						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings 5 Residential New Construction and Major	True-up Verified	6,219	6,219	6,219							-	3	3	3		_				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings Commercial & Institutional Program	True-up																			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Energy Audit Initiative Adjustment to 2015 savings	Verified True-up	322,723 81,823	322,723 81,823	322,723 81,823							12	68 10	68 10	68 68 68 10						0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2015 savings	Verified True-up	5,854,381 371,843	5,854,381 371,843	5,706,815 453,943							12	790	790	0 743 7 53						0.00%	12% 12.10%	88% 87.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
B Direct Install Lighting and Water Heating Initiative	Verified	146,676	121,858	100,447							12	34	28	3 23							100%													100%
Adjustment to 2015 savings 2 New Construction and Major Renovation Initiative	True-up Verified	-20,576	-7,447	3,879	_	_					12	-5	-2	! 1		_			_	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.4
10 Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings	Verified True-up										3		_	_						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified										12									1														0%
Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.4
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2015 savinos	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	22,423	22,423	22,423							12	7	7	7						]		100.00%												100%
Adustment to 2015 savings	True-up										12									0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14 Low Income Initiative Adjustment to 2015 savings	Verified True-up	29,448	22,798	21,592							12	2	2	2						100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
15 Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up										0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Program Enabled Savings Adjustment to 2015 savings	Verified True-up										0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots <u>17</u> Conservation Fund Pilot - EnerNOC	Verified										12																							0%
Adjustment to 2015 savings	True-up Verified										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings 19 Conservation Fund Pilot - SEG	True-up Verified										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings 20 Social Benchmarking Pilot	True-up Verified										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings Conservation First Framework	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21. Save on Energy Coupon Programs Adjustment to 2015 savings	Verified True-up										_									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program	Verified																																	0%
Adjustment to 2015 savings 23 Save on Energy New Construction Program	True-up Verified																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings 24 Save on Energy Home Assistance Program	True-up Verified		1																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
26 Save on Energy Retrofit Program	Verified		-								12				_																			0%

Version 8.0.(2010)

Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
27 Save on Energy Small Business Lighting Program	Verified										12																							0%
Adjustment to 2015 savings	True-up Verified								_		12		-			-				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy High Performance New Construction Program Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Verified True-up										3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program	Verified										12																							0%
Adjustment to 2015 savings	True-up Verified										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Energy Manager Program Adjustment to 2015 savings Local & Regional Programs	True-up	-									12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 Business Refrideration Local Program Adjustment to 2015 savings	Verified True-up										0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2015 savings	Verified True-up										0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2015 savings	Verified True-up										0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc 38 Performance-Based Conservation Pilot Program - Conservation Pund	Verified										12																							0%
Program - Conservation Fund Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37 Pilot Adustment to 2015 savings	Verified										12									0.02%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.02%	0.00%	0.00%	0%
28 Er/Win Utilities Ltd Re-Invest Pilot     Adjustment to 2015 savings	Verified										12																							0%
30 Horizon Utilities Corporation - ECM Furnace Motor Pliot	True-up Verified										12	1				-				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings 40 Horizon Utilities Corporation - Social Benchmarking Pilot	True-up Verified										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41 Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	Verified										12																							0%
Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2015 savings	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2015 savings	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Agricultural Sector	Verified										12																							0%
Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Direct Install - Hydronic Adjustment to 2015 savings	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2015 savings	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Direct Install - Hydronic (Pilot Savings)	Verified										12																							0%
Adjustment to 2015 savings Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	True-up Verified				-	-	_				12					+				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2015 savings	Verified True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		7,721,365	7,694,457	7,617,702	0	0	0	0	0	0		1,069	1,065	1,042	0 0	0	0	0	0 0	942,072 494,885	879,455 2,573,404	9,638 576	0	0	0	0	0	0 0	0	0	0 0	0	0 0	
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2014 programs Total Lost Revenues in 2015 for Total Lost Revenues in 2015 Preccast Lost Revenues in 2015 LRAMA to 2015																				\$0.02040 \$2,288.66 \$1,994.27 \$1,693.90 \$4,855.74 \$19,218.27 \$30,048.84 \$10,095.65	\$0.01610 \$3,545.12 \$4,299.68 \$7,671.84 \$7,713.31 \$14,159.23 \$37,388.98 \$41,431.80	\$3.14740 \$2.873.48 \$4,014.15 \$7,502.12 \$10,069.30 \$30,333.84 \$54,792.89 \$1,812.90	\$8.62860 \$0.00 \$0.00 \$272.93 \$0.00 <b>\$272.93</b> \$0.00 <b>\$272.93</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8,705.27 \$10,308.10 \$16,867.66 \$22,911.29 \$63,711.34 \$122,503.65 \$53,340.36 \$69,163.28
2015 Savings Pensisting in 2016 2015 Savings Pensisting in 2017 2015 Savings Pensisting in 2018 2015 Savings Pensisting in 2019 2015 Savings Pensisting in 2020 Note: LDC to make note of key assumptions indu	ied above																			926,853 925,649 0 0	867,766 849,760 0 0	9,638 9,416 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0	

		Net Energy Savings (kWh)				Net Energ	y Savings Pers	istence (kW	(h)			Net Demand Savings (kW)		Ne	Peak Demar	nd Savings F	Persistence (#	kW)								Rate Alloc	cations for LRAN	IVA						
Program	Results Status	2016	2017	2018	2019	2020	2021	2022	2023	2024	Month Multipl 2025	ly ar 2016	2017 2	2018 201	9 2020	2021	2022 2	1023 20	024 2025	Residential	GS<50 kW	G S>50	Street Lights											
Framework																				kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0	
CDM Savings in 2016		4,654,981	4,649,376	0	0	0	0	0	0	0	0	521	520	0 0	0	0	0	0	0 0		97,734	0	0	0	0	0	0	0	0	0	0	0	0	T
t CDM Savings in 2016																				494,885	2,573,404	576	0	Ô	0	0	0	0	Û	0	0	0	ô	
ion Rate in 2016 venue in 2016 from 2011 programs venue in 2016 from 2012 programs venue in 2016 from 2013 programs venue in 2016 from 2014 programs venue in 2016 from 2015 programs venue in 2016 from 2015 programs set Revenues in 2016 t Locat Revenues in 2016 A in 2016																				\$0.01730 \$1,449.63 \$1,418.14 \$1,314.34 \$3,896.0 \$16,034.58 \$44,178.02 \$68,289.50 \$8,561.51	\$0.01640 \$3,602.04 \$4,378.87 \$7,413.34 \$14,231.37 \$14,231.37 \$14,231.37 \$14,232.43 \$38,648.30 \$42,203.83	\$3.19410 \$2,877.02 \$4,073.71 \$7,613.43 \$10,218.71 \$30,783.92 \$0.00 \$55,568.79 \$1,839.80	\$8.75670 \$0.00 \$0.00 \$276.98 \$0.00 \$276.98 \$0.00 \$276.98 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$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	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$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	
avings Persisting in 2017 avings Persisting in 2018 avings Persisting in 2019 avings Persisting in 2020																				2,553,527 0 0 0	97,734 0 0	0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	
C to make note of key assumptions inclu		Between the later																																

Program	Results Status	2017	2018 2	019 2020	2021	2022	2023 2024	2025	2026	Monthly Multiplier	2017	2018 2	019 2020	2021 20	2023	2024 2	025 2026		G S<50 kW		treet Lights											Total
Legacy Framework Residential Program 1 Coupon Initiative Adjustment to 2017 savings	Verified True-up									F								kWh 0.00%	kWh 0.00%	KW 0.00%	KW 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0	0%
Adjustment to 2017 savings     Bi-Annual Retailer Event Initiative     Adjustment to 2017 savings	Verified True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Acolance Retirement Initiative     Adjustment to 2017 savings	Verified True-up									F								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
4 HVAC Incentives Initiative Adjustment to 2017 savings	Verified True-up									F								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
5 Residential New Construction and Major Renovation Initiative	Verified																															0%
Adjustment to 2017 savings Commercial & Institutional Program & Energy Audit Initiative Adjustment to 2017 savings	True-up Verified True-up									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative	Verified									12																						0%
Adjustment to 2017 savings Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	True-up Verified									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified True-up									3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified True-up									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
12 Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified									12																						0%
Adjustment to 2017 savings <u>13</u> Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	True-up Verified									12								0.00%	0.00%	3.00%	3.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings Low Income Program 14 Low Income Initiative Adjustment to 2017 savings	True-up									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Verified True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots <u>17</u> Conservation Fund Pilot - EnerNOC Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pilot Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified True-up	2,589,726								F	175							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program	Verified True-up	136,729									33							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%		100%
Adjustment to 2017 savings 20 Save on Energy New Construction Program Adjustment to 2017 savings	True-up Verified True-up									F								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified True-up	6,600								Ē	1					+		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Non-Residential Province-Wide Programs 25 Save on Enerov Audit Funding Program Adjustment to 2017 savings	Verified True-up									12																						0%
26 Save on Energy Retrofit Program Adjustment to 2017 savings	Verified True-up	3,443,301								12	513					+		0.00%	0.00%	0.00% 89.96% 89.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Small Business Lighting Program Adjustment to 2017 savings	Verified	165,901								12	34								100.00%													100%
Adjustment to 2017 savings 28 Save on Energy High Performance New Construction Program Adjustment to 2017 savings	True-up Verified									12								0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	True-up Verified									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings	True-up									3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2017 savings	Verified True-up	912								12 12	0							0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2017 savings	Verified True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2017 savings	Verified True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
35 Social Benchmarking Local Program Adjustment to 2017 savings	Verified True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc <u>90</u> Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2017 savings	Verified True-up									12																						0%
37 Er/Win Utilities Ltd Building Optimization	Verified									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Adjustment to 2017 savings	True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
EnWin Utilities Ltd Re-Invest Pilot     Adjustment to 2017 savings     Horizon Utilities Corporation - ECM Furnace     Motor Pilot	Verified True-up Verified									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Motor Pilot	Vernied									12																						37%

Adjustment to 2017 savings	True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation Voltage <u>41</u> Regulation (CVR) Leveraging AMI Data Pilot	Verified										12																							0%
Adjustment to 2017 savings	True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot Adjustment to 2017 savings	Verified True-up																		0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Kitchener-Wilmot Hvdro Inc Pilot - DCKV Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Agricultural Sector Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Direct Install - Hydronic (Pilot Savings) Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
48 Direct Install - RTU Controls (Pilot Savings) Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
50 Whole Home Pilot Program Adjustment to 2017 savings	ment year savi Adjustment	755									12 12	0							100.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2017 savings	Verified True-up										12								0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2017		6,343,924	0	0	0	0	0	0	0	0 0		756	0	0	0	0 0	0	0 0	0 2,733,			5,538	0	0	0	0	0	0	0	0	0	0	0	
Forceast COM Savings in 2017 Development Reals 2017 Caudio Revena In 2017 from 2011 programs Los Revena In 2017 from 2012 programs Los Revena In 2017 from 2016 programs Los Revena In 2017 from 2017 programs Foculated to Revena In 2017 Foculated Causes In 2017 Foculated Causes In 2017 Foculated Los Revenas In 2017		1																	494,8 \$0,012 \$876, \$790, \$2,781 \$11,47 \$31,66 \$33,865 \$82,333 \$6,136	40 \$1 15 \$1 16 \$2 11 \$16 87 \$16 .05 \$1 .73 \$1 .24 \$1 .81 \$4	1,155.54 2,507.84 8,881.58 8,028.04 4,106.02 1,622.38 8,495.29 <b>0,796.68</b>	\$76 \$3.24280 \$2.920.71 \$3.911.51 \$7.655.60 \$10.355.89 \$30.533.08 \$0.00 \$17,956.41 \$77,332.71 \$1,867.74	0 \$0.00 \$0.00 \$0.00 \$200.63 \$0.00 \$0.00 \$0.00 \$0.00 \$200.63 \$0.00 \$0.00 \$0.00 \$0.00	0 \$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 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$4,952.70 \$7,210.11 \$15,388.09 \$19,445.72 \$56,177.15 \$33,288.12 \$60,350.94 \$196,748.83 \$50,722.82 \$146,026.01
2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020																			0 0 0		0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0	
Note: LDC to make note of key assumptions inclus	led above																																	

Table 5-d. 2018 Lost Revenues Work Form		Return to top																																		
		Net Energy Savings (kWh)				Net Energy	y Savings Pers	sistence (kW	n)				Net Demans Savings (kill	)		Net Peak D	lemand Sa	wings Pers	istence (kW)									Rate Allor	cations for LRAN	IVA						
Program	Results Status	2018	2019	2020	2021	2622	2023	2024	2025	2026	2027	Monthly Multiplier	2018	2019	2020	2021 2	022 2	023 21	24 2025	2026	2027	Residential	G 9<50 kW	08>50	Street Lights											Total
Legacy Framework																						kWh	kWb	kW	kW	0	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2018		0											0									0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2018																						0	Ó	0	0	0	0	0	Ó	Ó	Ó	0	0	0	0	
Distribution Rate in 2018 Lost Revena in 2018 from 2012 pergetans Lost Revena in 2018 from 2012 pergetans Lost Revena in 2018 from 2012 pergetans Lost Revena in 2018 from 2014 pergetans Lost Revena in 2018 from 2016 pergetans Lost Revena in 2018 from 2016 pergetans Lost Revena in 2016 from 2016 pergetans Lost Revena in 2016 from 2016 pergetans Lost Revena in 2016 from 2017 pergetans																						\$0.00720 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.01680 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$3.27440 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$8.97670 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0000 \$0.00 \$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	\$0.0000 \$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	\$0.0000 \$0.00 \$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	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$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 Savings Persisting in 2019 2018 Savings Persisting in 2020 Note: LDC to make note of key assumptions inclu																						0	0	0	0	0	0	0	0	0	0	0	0	0	0	

able 5-e. 2019 Lost Revenues Work Form Net Energy Savings (kWh) Net Energy Savings Persistence (kWh) Net Demand Savings (kW) Net Peak Demand Savings Persistence (kW) Rate Allocations for LRAMVA Monthly Multiplier 2020 2021 2022 2023 2024 2025 2026 2027 2023 2024 2025 2028 2020 2028 Residential GS<50 kW G S>50 Total 2026 2021 2022 Street Lights Legacy Framework Actual CDM Savings in 2019 Forecast CDM Savings in 2019 0 0 
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2019 Savings Pensisting in 2020 Note: LDC to make note of key assumptions included above

		Net Energy Savings (kWh)				Net Energy	Savings Persi	stence (kWh	)				semand gs (kW)		Net P	eak Demand	Savings Per	sistence (kW)									Rate Alloc	ations for LRAN	IVA					
Program	Results Status	2020	2021	2022	2023	2624	2025	2026	2027	2028	Moi Mult 2029	ithly ipliar 20	120	2021 202	2023	2024	2025 1	026 2027	2028	2029	Residential	G S<50 kW	G 8>50	Street Lights										
Framework																					kWh	kWh	kW	kW	0	0	0	0	0	0	0	0	0	0
CDM Savings in 2020		0											0								0	0	0	0	0	0	0	0	0	0	0	0	0	0
st CDM Savings in 2020																					0	0	0	0	0	0	0	0	Ô	0	Û	Ô	0	0
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  | 201 a<br>5285<br>31,431<br>25,133  | 2015<br>22,466<br>22,109   | 2016   | 201.7   | 201 B   |   
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| 61<br>Progra<br>Consu<br>Consu<br>Consu<br>Consu  | mer Appliance Escharge<br>mer Appliance Retrement<br>mer Bi-Annual Retailer Event  | Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe   | ntation) Source c<br>Year Report<br>0 2011 2011 Res<br>0 2011 2011 Res   | Savings      Euront year      Euront year savings      Euront year savings      Euront year | #1<br>Net Veriff<br>1<br>1<br>4<br>2<br>1<br>2<br>3<br>0   | Ind Annual Peak  | k Demand Sa<br>201 w<br>1<br>4<br>2<br>1<br>223   
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  | 2015<br>22,466<br>22,109<br>22,870   | 20,609   | 15,792  | 15,698  | 20,09  
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| 61<br>Progra<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu   | rer Applance Exchange<br>rer Applance Referencest<br>Bi Anzul Beller Event<br>rer Convervation Instant Coppo Booklet<br>mr Refailer Coop<br>and Statistic Coop<br>and Direct Install Upfing  | Midland Po<br>Midland Po<br>Midland Po<br>Midland Po<br>Midland Po<br>Midland Po   | ntation) Source o<br>Year Report<br>2011 2011 Res<br>2011 2011 Res   | Savlegs     Current year savings     Tel Current year savings   | 81<br>Net Verif<br>1<br>1<br>4<br>2<br>2<br>1<br>22<br>0<br>93  
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   | 8<br>22,466<br>32,109<br>22,839<br>44,734<br>184,275   | 20,629<br>64,774<br>183,983  | 15,792<br>44,774<br>23,958  | 15,698<br>44,774<br>23,958  | 20,03 44,77 23,95   | 4 44  | 028 :<br>774 6  
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   | 20,609<br>44,774<br>183,983<br>475,474   | 15,792<br>44,774<br>23,958<br>475,474   | 15,698<br>44,734<br>21,958<br>475,434   | 20,03<br>44,77<br>23,95<br>475,47   | 0 :<br>4 44<br>8 2:<br>4 47   | 028  
   | 295<br>774<br>0<br>289<br>474 4  | 1,881<br>14,776<br>0<br>15,476<br>0  | 1,881<br>44,774<br>0<br>0  | 1,686  | 1,6                         | 6 1,6  | 2027 4  | 2028<br>0 0 0 0<br>774 44<br>0 0 0  | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                     | 202 9 0<br>0<br>42,618<br>0<br>0<br>0<br>0   | 0.002   | 2003 1  | 203 2  |  | 2034  |         | 2016                                  | 2007 7 10 10 10 10 10 10 10 10 10 10 10 10 10 |       | 8000                                   |
| 61<br>Progra<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Consu<br>Ration<br>Bation<br>Bation<br>Res20   | ner Agdarez Eshange<br>ner Agdarez Eshange<br>ner Greinverten<br>er Greinverten Inder Gesport<br>er Kal Krandense<br>er Befalle Go-go<br>Deret Handligten<br>Deret Mall (gen<br>er Begehalten<br>10. Bezeitigt kendt Insenden Fregers  | Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe<br>Midland Pe   | Intellion         Source of<br>Report           Year         Report           0         2011         2011 Res           0         2011 2011 Res         2011 2013 Res  | Savings     Current year savings  | #1<br>Net Verifi<br>1<br>1<br>4<br>2<br>1<br>2<br>3<br>0<br>1<br>2<br>3<br>0<br>1<br>2<br>3<br>0<br>1<br>0<br>0<br>1<br>0<br>0<br>1<br>0<br>1<br>0<br>0<br>1<br>0<br>1<br>0<br>1<br>0<br>1  
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   | 528<br>31,401<br>35,133<br>24,940<br>44,274<br>0<br>184,275<br>475,474<br>0<br>45,359  | 20<br>22,465<br>22,109<br>22,820<br>44,225<br>184,225<br>425,434   | 20,629<br>64,774<br>183,983  | 15,792<br>44,774<br>23,958  | 15,698<br>44,774<br>21,958<br>475,474<br>45,369   | 20,03<br>44,77<br>11,95<br>475,47<br>45,36   
  | 0 :<br>4 44<br>8 2:<br>4 47<br>9 45   | 028  | 295<br>774<br>0<br>289<br>474 4  | 1,881  | 1,881  | 1,686  | 1,6                         | 6 1,6  | 2002 V<br>0<br>000<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200                  | 2022 00<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0               | d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d<br>d | 2002 9 0 0<br>0 0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0<br>0 0   |   | 2001  | 2032   |  |   |         |                                       | 2007  |       | 8000                                   |
| El Progra   | Appliance Tanhange     Appliance Tanhange     Appliance Tanhange     Appliance Tanhange     Conservation tanket Coupon Routed     Topol Tanhange     Tanhange Tanhange     Tanhange Tanhange     Ta  | Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc   | Intation)         Source of<br>Report           2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011           2011         2011         2011         2011   | Savings     Current year savings   | #i<br>Net Vecifi<br>1<br>1<br>4<br>2<br>2<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3   
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  | 2014<br>598<br>21,401<br>25,122<br>24,940<br>44,774<br>184,275   | 22,466<br>22,100<br>22,870<br>22,870<br>24,274<br>44,274<br>44,274<br>44,275<br>475,434<br>45,240<br>688   | 20,609<br>44,774<br>183,983<br>475,474<br>45,269<br>689  | 15,792<br>44,774<br>23,958<br>475,474   | 15,698<br>44,774<br>21,958<br>475,474<br>45,359<br>689  | 20,03<br>44,77<br>11,95<br>475,47<br>45,36  
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| el Progra   | Applices Enhance     Applices Enhance     The Annual Research     The Ann  | Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc<br>Midland Pc   | tation         Source or<br>Report           2011         2011   | Savings     Lorenti year tavings     Lorenti year tavings     Lorenti year tavings     Lorenti year avings  | 81<br>Net Verifi<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1   | 2012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 201 a<br>1<br>4<br>2<br>1<br>2<br>1<br>2<br>2<br>3<br>3<br>4<br>3<br>3<br>4<br>3<br>3<br>4<br>3<br>4<br>3<br>3<br>4<br>3<br>3<br>4<br>3<br>4<br>3<br>4<br>3<br>4<br>3<br>4<br>5<br>4<br>5<br>4<br>5<br>4<br>5<br>4<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5           | 2015<br>0<br>4<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | 6-User Lev<br>01<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  
   
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| 20,609<br>44,774<br>192,983<br>475,874<br>45,389<br>689<br>129,698   | 15,792<br>44,774<br>23,958<br>475,874<br>45,269<br>689  | 15,098<br>44,274<br>475,474<br>475,474<br>45,369<br>689<br>31,177   |
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  | 201<br>598<br>21,491<br>25,133<br>24,940<br>44,278<br>475,478<br>6<br>425,478<br>6<br>42,569<br>649<br>43,269<br>649<br>43,269<br>649<br>43,269<br>649<br>2,500  | 2015<br>22,466<br>22,870<br>44,275<br>44,275<br>44,275<br>45,400<br>45,400<br>544,027<br>2,467<br>2,467  | 20,629<br>64,774<br>183,983<br>475,674<br>45,269<br>689<br>129,698<br>544,027  | 15,792<br>66,774<br>21,958<br>475,874<br>45,369<br>689<br>21,177  | 15,098<br>44,274<br>475,474<br>475,474<br>45,369<br>689<br>31,177   
   | 20,00<br>44,27<br>41,56<br>475,67<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,26<br>45,27<br>45,26<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27<br>45,27    | 0 :<br>4 44<br>8 22<br>4 47<br>9 45<br>9 45<br>9 45<br>9 7 25   | 0028 ::<br>774 64<br>0<br>955 25<br>474 477<br>0<br>269 45<br>669<br>177 2:  | 295<br>774<br>0<br>189<br>474 4<br>0<br>169<br>689<br>177  | 1,881<br>1,881<br>64,778<br>65,389<br>15,369<br>639<br>12,518  | 1,881<br>44,274<br>0<br>0<br>0<br>45,369<br>689<br>22,518                            | 1,680  | 1,6<br>64,7<br>6            |  |         
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 | 20,629<br>44,774<br>193,983<br>475,474<br>45,859<br>689<br>129,658<br>544,027<br>12,824  | 15,792<br>44,774<br>23,958<br>475,474<br>45,269<br>689<br>211,177<br>520,910                              | 15,698<br>44,778<br>475,474<br>475,474<br>45,369<br>689<br>31,177<br>512,760   
  | 20,03<br>44,27<br>21,95<br>475,47<br>45,34<br>45,34<br>45,34<br>45,34<br>45,34<br>45,34<br>512,35   | 0 3<br>4 44<br>8 22<br>4 407<br>9 43<br>9 43<br>9 43<br>9 43<br>9 43<br>9 43<br>9 43<br>9 43                            | 2028 3<br>7774 4<br>0<br>258 23<br>4274 427<br>0<br>269 42<br>6<br>269 42<br>6<br>277 22<br>268 326<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 295<br>774<br>329<br>474 4<br>369<br>669<br>669<br>177<br>011 3<br>0   | 1,881<br>14,778<br>5,389<br>5,478<br>5,478<br>689<br>689<br>12,518<br>8,003<br>0   
   | 1,881<br>44,774<br>45,369<br>689<br>22,518<br>238,003                                | 1,646<br>44,274<br>645<br>157,400            | 144<br>44,7<br>62<br>157,4  | 6 1,6<br>4 44,3<br>9 6<br>7 157,6            | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0           | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 689  | 0   | 20051   | 20012  |  | 2014<br>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |         |                                       |   |       | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |
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<td>2014<br/>508<br/>31,401<br/>25,123<br/>24,940<br/>44,278<br/>0<br/>1184,275<br/>475,478<br/>0<br/>45,269<br/>452,498<br/>6276,922<br/>2,500<br/>22,018<br/>677,922<br/>2,2008<br/>1,672<br/>36,223<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672<br/>1,672</td> 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<td>20,029<br/>44,774<br/>475,474<br/>475,474<br/>45,369<br/>45,369<br/>129,666<br/>544,027<br/>12,824<br/>28,782<br/>1,544<br/>28,782<br/>1,544<br/>26,257</td> <td>15,792<br/>44,774<br/>475,874<br/>475,874<br/>45,269<br/>689<br/>21,177<br/>520,910<br/>22,404<br/>1,646<br/>26,257</td> <td>15,688<br/>44,274<br/>0<br/>21,958<br/>475,474<br/>45,360<br/>45,360<br/>31,177<br/>512,760<br/>0<br/>0<br/>15,964<br/>775<br/>775<br/>775<br/>775</td> 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<td>1,881<br/>44,774<br/>0<br/>0<br/>45,369<br/>689<br/>22,518<br/>338,003<br/>0<br/>5,818<br/>331</td> <td>1,680<br/>44,276<br/>685<br/>157,402<br/>157,402</td> <td>64,7<br/>64,7<br/>62<br/>157,4</td> <td>6 1.6<br/>4 44,3<br/>9 0 0<br/>7 157,4<br/>2 5,4</td> <td>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td> <td>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td> <td>200</td> <td>62,008<br/>0<br/>689<br/>0<br/>2,005<br/>0<br/>1,698</td> <td>0<br/>0<br/>1,498<br/>0</td> <td>200311<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0<br/>0</td> <td>2002</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8 00 8</td> | 201.7                        |   | 2019<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2  | 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2014<br>508<br>31,401<br>25,123<br>24,940<br>44,278<br>0<br>1184,275<br>475,478<br>0<br>45,269<br>452,498<br>6276,922<br>2,500<br>22,018<br>677,922<br>2,2008<br>1,672<br>36,223<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672<br>1,672 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15,688<br>44,776<br>21,958<br>475,476<br>45,369<br>689<br>21,177<br>512,760<br>0<br>0<br>15,964<br>15,964<br>15,964<br>15,964<br>15,964<br>15,964<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925<br>16,925 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## **LRAMVA Work Form:**

## **Carrying Charges by Rate Class**

Version 3.0 (2019)

### User Inputs (Green)

Legend

Auto Populated Cells (White)

Instructions (Grey)

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

Instructions 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column I to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded 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.

Go to Tab 1: Summary

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

Table 6. Prescribed Interest Rates

Check OEB website

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS>50	Street Lights											Total
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-11	2011	Q2 Q2	0.12%	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00
Jun-11 Jul-11	2011 2011	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-11 Dec-11	2011 2011	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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Total for 2011	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00
Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balance	ce 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	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
Mar-12 Apr-12	2011-2012 2011-2012	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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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-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	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
Sep-12 Oct-12	2011-2012 2011-2012	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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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-12	2011-2012	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	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
Amount Cleared																		
Opening Balano 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 \$0.00	\$0.00 \$0.00	\$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-13	2011-2013	Q1	0.12%	-\$0.38	-\$2.37	\$1.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$1.37
Mar-13	2011-2013	Q1	0.12%	-\$0.75	-\$4.73	\$2.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$2.74
Apr-13	2011-2013	Q2	0.12%	-\$1.13	-\$7.10	\$4.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$4.11
May-13	2011-2013	Q2	0.12%	-\$1.50	-\$9.46	\$5.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$5.48
Jun-13 Jul-13	2011-2013 2011-2013	Q2 Q3	0.12%	-\$1.88 -\$2.25	-\$11.83 -\$14.20	\$6.86 \$8.23	\$0.00 \$0.00	-\$6.85 -\$8.21										
Aug-13	2011-2013	Q3	0.12%	-\$2.63	-\$14.20	\$9.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$9.58
Sep-13	2011-2013	Q3	0.12%	-\$3.00	-\$18.93	\$10.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$10.95
Oct-13	2011-2013	Q4	0.12%	-\$3.38	-\$21.30	\$12.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$12.32
Nov-13	2011-2013	Q4	0.12%	-\$3.75	-\$23.66	\$13.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$13.69
Dec-13 Total for 2013	2011-2013	Q4	0.12%	-\$4.13 -\$24.77	-\$26.03 -\$156.17	\$15.10 \$90.58	\$0.00 \$0.00	-\$15.06 -\$90.36										
Amount Cleared				-92.4.11	-\$150.17	\$30.30	30.00	\$0.00	30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	-\$30.30
Opening Balance			1	-\$24.77	-\$156.17	\$90.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$90.36
Jan-14	2011-2014	Q1	0.12%	-\$4.50	-\$28.39	\$16.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$16.43
Feb-14	2011-2014	Q1	0.12%	-\$4.35	-\$30.10	\$18.92	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$15.50
Mar-14 Apr-14	2011-2014 2011-2014	Q1 Q2	0.12%	-\$4.20 -\$4.04	-\$31.81 -\$33.52	\$21.38 \$23.84	\$0.06 \$0.09	\$0.00 \$0.00	-\$14.57 -\$13.64									
Apr-14 May-14	2011-2014 2011-2014	Q2 Q2	0.12%	-\$4.04 -\$3.89	-\$33.52	\$23.84 \$26.29	\$0.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$13.64 -\$12.71
Jun-14	2011-2014	Q2	0.12%	-\$3.74	-\$36.93	\$28.75	\$0.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$11.78
Jul-14	2011-2014	Q3	0.12%	-\$3.58	-\$38.64	\$31.20	\$0.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$10.85
Aug-14	2011-2014	Q3	0.12%	-\$3.43	-\$40.35	\$33.66	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$9.92
Sep-14	2011-2014	Q3	0.12%	-\$3.28	-\$42.06	\$36.11	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$8.99
Oct-14 Nov-14	2011-2014 2011-2014	Q4 Q4	0.12%	-\$3.12 -\$2.97	-\$43.77 -\$45.47	\$38.57 \$41.03	\$0.26 \$0.29	\$0.00 \$0.00	-\$8.06 -\$7.13									
Dec-14	2011-2014	Q4 Q4	0.12%	-\$2.82	-\$47.18	\$43.48	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$6.20
Total for 2014				-\$68.69	-\$609.63	\$450.27	\$1.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$226.14
Amount Cleared																		
Opening Balance		01	0.40%	-\$68.69	-\$609.63	\$450.27	\$1.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$226.14
Jan-15	2011-2015	Q1	0.12%	-\$2.66	-\$48.89	\$45.94	\$0.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$5.27

1		01	1		-\$49.30	\$51.34	\$0.37	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		a
Feb-15 Mar-15	2011-2015 2011-2015	Q1	0.12%	-\$0.63 \$1.41	-\$49.30	\$56.75	\$0.37 \$0.40	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$1.79 \$8.85
Apr-15	2011-2015	Q2	0.09%	\$2.58	-\$37.51	\$46.52	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.91
May-15	2011-2015	Q2	0.09%	\$4.10	-\$37.82	\$50.56	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.19
Jun-15 Jul-15	2011-2015 2011-2015	Q2 Q3	0.09%	\$5.63 \$7.15	-\$38.13 -\$38.44	\$54.61 \$58.66	\$0.36 \$0.38	\$0.00 \$0.00	\$22.47 \$27.76									
Aug-15	2011-2015	Q3	0.09%	\$8.68	-\$38.75	\$62.70	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.04
Sep-15	2011-2015	Q3	0.09%	\$10.20	-\$39.05	\$66.75	\$0.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.32
Oct-15	2011-2015	Q4 Q4	0.09%	\$11.72 \$13.25	-\$39.36 -\$39.67	\$70.80 \$74.85	\$0.45 \$0.47	\$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	\$43.61 \$48.89
Nov-15 Dec-15	2011-2015 2011-2015	Q4 Q4	0.09%	\$13.25	-\$39.67 -\$39.98	\$74.85	\$0.47 \$0.49	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.89 \$54.17
Total for 2015	2011-2013	94	0.0376	\$7.52	-\$1,106.24	\$1,168.64	\$6.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76.58
Amount Cleared																		
	ce for 2016			\$7.52	-\$1,106.24	\$1,168.64	\$6.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76.58
Jan-16 Feb-16	2011-2016 2011-2016	Q1 Q1	0.09%	\$16.30 \$20.86	-\$40.29 -\$40.56	\$82.94 \$87.04	\$0.51 \$0.53	\$0.00 \$0.00	\$59.46 \$67.87									
Mar-16	2011-2016	Q1	0.09%	\$25.42	-\$40.83	\$91.15	\$0.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76.29
Apr-16	2011-2016	Q2	0.09%	\$29.98	-\$41.10	\$95.25	\$0.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.70
May-16	2011-2016	Q2	0.09%	\$34.55	-\$41.38	\$99.36	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93.12
Jun-16 Jul-16	2011-2016 2011-2016	Q2 Q3	0.09%	\$39.11 \$43.67	-\$41.65 -\$41.92	\$103.46 \$107.56	\$0.61 \$0.64	\$0.00 \$0.00	\$101.54 \$109.95									
Aug-16	2011-2016	Q3	0.09%	\$48.23	-\$42.19	\$111.67	\$0.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$118.37
Sep-16	2011-2016	Q3	0.09%	\$52.80	-\$42.46	\$115.77	\$0.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$126.79
Oct-16 Nov-16	2011-2016 2011-2016	Q4 Q4	0.09%	\$57.36 \$61.92	-\$42.73 -\$43.01	\$119.88	\$0.70 \$0.72	\$0.00 \$0.00	\$135.20 \$143.62									
Dec-16	2011-2016	Q4 Q4	0.09%	\$66.49	-\$43.01	\$123.98 \$128.08	\$0.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$143.62
Total for 2016				\$504.21	-\$1,607.64	\$2,434.79	\$14.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,345.53
Amount Cleared																		
Opening Balan Jan-17	2011-2017	Q1	0.09%	\$504.21 \$71.05	-\$1,607.64 -\$43.55	\$2,434.79 \$132.19	\$14.17 \$0.76	\$0.00 \$0.00	\$1,345.53 \$160.45									
Feb-17	2011-2017 2011-2017	Q1	0.09%	\$76.87	-\$43.55	\$132.19	\$0.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$160.45
Mar-17	2011-2017	Q1	0.09%	\$82.69	-\$43.84	\$143.11	\$0.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$182.76
Apr-17	2011-2017	Q2	0.09%	\$88.51	-\$43.99	\$148.57	\$0.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$193.92
May-17 Jun-17	2011-2017 2011-2017	Q2 Q2	0.09%	\$94.33 \$100.15	-\$44.14 -\$44.28	\$154.03 \$159.48	\$0.85 \$0.87	\$0.00 \$0.00	\$205.07 \$216.22									
Jul-17	2011-2017	Q2 Q3	0.09%	\$100.13	-\$44.43	\$159.48	\$0.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$216.22
Aug-17	2011-2017	Q3	0.09%	\$111.79	-\$44.58	\$170.40	\$0.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$238.53
Sep-17	2011-2017	Q3	0.09%	\$117.62	-\$44.72	\$175.86	\$0.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$249.69
Oct-17 Nov-17	2011-2017 2011-2017	Q4 Q4	0.13%	\$168.32 \$176.26	-\$61.19 -\$61.39	\$247.26 \$254.70	\$1.30 \$1.33	\$0.00 \$0.00	\$355.70 \$370.91									
Dec-17	2011-2017	Q4 Q4	0.13%	\$176.26	-\$61.59	\$262.14	\$1.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$386.12
Total for 2017				\$1,881.98	-\$2,189.03	\$4,585.12	\$25.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,303.88
Amount Cleared																		
Opening Balan	2011-2018	01	0.13%	\$1,881.98 \$192.14	-\$2,189.03 -\$61.79	\$4,585.12 \$269.59	\$25.80 \$1.39	\$0.00 \$0.00	\$4,303.88 \$401.33									
Feb-18	2011-2018	Q1	0.13%	\$192.14	-\$61.79	\$269.59	\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$401.33
Mar-18	2011-2018	Q1	0.13%	\$192.14	-\$61.79	\$269.59	\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$401.33
Apr-18	2011-2018	Q2	0.16%	\$242.09	-\$77.85	\$339.68	\$1.75	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$505.67
May-18 Jun-18	2011-2018 2011-2018	Q2 Q2	0.16%	\$242.09 \$242.09	-\$77.85 -\$77.85	\$339.68 \$339.68	\$1.75 \$1.75	\$0.00 \$0.00	\$505.67 \$505.67									
Jul-18	2011-2018	Q3	0.16%	\$242.09	-\$77.85	\$339.68	\$1.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$505.67
Aug-18	2011-2018	Q3	0.16%	\$242.09	-\$77.85	\$339.68	\$1.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$505.67
Sep-18 Oct-18	2011-2018 2011-2018	Q3 Q4	0.16%	\$242.09 \$277.96	-\$77.85 -\$89.39	\$339.68 \$390.01	\$1.75 \$2.01	\$0.00 \$0.00	\$505.67 \$580.59									
Nov-18	2011-2018	Q4 Q4	0.18%	\$277.96	-\$89.39	\$390.01	\$2.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$580.59
Dec-18	2011-2018	Q4	0.18%	\$277.96	-\$89.39	\$390.01	\$2.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$580.59
Total for 2018				\$4,744.81	-\$3,109.65	\$8,601.99	\$46.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,283.68
Amount Cleared	co for 2019			\$4,744,81	-\$3,109.65	\$8,601,99	\$46.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.283.68
Jan-19	2011-2019	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-19	2011-2019	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-19 Apr-19	2011-2019 2011-2019	Q1 02	0.00%	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$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-19 May-19	2011-2019 2011-2019	Q2 Q2	0.00%	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-19	2011-2019	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-19 Sep-19	2011-2019 2011-2019	Q3 Q3	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Oct-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-19	2011-2019	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2019 Amount Cleared			-	\$4,744.81	-\$3,109.65	\$8,601.99	\$46.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,283.68
Opening Balan				\$4,744.81	-\$3,109.65	\$8,601.99	\$46.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,283.68
Jan-20	2011-2020	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-20	2011-2020	Q1	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-20 Apr-20	2011-2020 2011-2020	Q1 Q2	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
May-20	2011-2020	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-20	2011-2020	Q2	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-20	2011-2020 2011-2020	Q3 Q3	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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 Sep-20	2011-2020 2011-2020	Q3 Q3	0.00%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Oct-20	2011-2020	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-20	2011-2020	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-20 Total for 2020	2011-2020	Q4	0.00%	\$0.00 \$4,744.81	\$0.00 -\$3.109.65	\$0.00 \$8.601.99	\$0.00 \$46.53	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$10.283.68
Amount Cleared					-45,108.05	90,001.39	940.00	20.00	<i>40.00</i>	<i>4</i> 0.00	.00	<i>4</i> 0.00	<i>\$</i> 0.00		<del></del> 00	40.00	<i>4</i> 0.00	+10,203.00

# Appendix 6: Account 1595 Workform

(Presented in PDF and Excel Format)

# **1595 Analysis Workform**

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment	\$215,476	-\$82,396	\$133,080	\$130,545	\$2,535	\$2,204	\$4,739	1.9%
Account 1589 - Global Adjustment	\$411,478	\$8,044	\$419,522	\$408,887	\$10,635	\$2,022	\$12,657	2.5%
Total Group 1 and Group 2 Balances	\$626,954	-\$74,352	\$552,602	\$539,432	\$13,170	\$4,227	\$17,396	2.4%

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

### Additional Notes and Comments