

January 31, 2019

Kirsten Walli, Board Secretary Ontario Energy Board P.O. Box 2319, 27<sup>th</sup> Floor 2300 Yonge Street Toronto, ON, M4P 1E4

Attention: Ms. Walli

## **Re: PUC Distribution Inc.'s 2019 4th Generation IR Distribution Rate Application Board File No. EB-2018-0219**

PUC Distribution ("PUC") is pleased to submit to the Ontario Energy Board its 2019 Electricity Rate Application, in accordance with the Board's Directive and Guidelines.

The Application includes a request for incremental capital to support the first phase of the proposed Sault Smart Grid ("SSG") project, an innovative initiative that involves implementing distribution automation, voltage control, and improved customer care and outage management capabilities across the PUC service territory. If and only if both phases of the SSG project are approved by the OEB, the SSG project will benefit from \$11,807,000 in NRCan funding, which when combined with the lower consumption arising from improved voltage regulation, means the SSG project will result in no net bill increase for customers. As more fully described in the enclosed application, customers will also benefit from adaptive infrastructure, improving reliability and resiliency with self-healing networks and integrated data management systems for enhanced outage management capability.

The filing guidelines indicate that each application should include:

- > A Managers summary documenting and explaining all rate adjustments applied for;
- > The primary contact information for the IRM application;
- A completed Rate Generator model and Supplementary work forms, provided by the Board, in both electronic (i.e. Excel) and PDF form;
- > A PDF copy of the current Tariff Sheet;
- Supporting documentation cited within the application;
- A statement as to who will be affected by the application;
- Confirmation of the applicant's internet address;
- A statement confirming the accuracy of the billing determinants for pre-populated models; and
- A text searchable Adobe PDF format for all documents.

The primary contact for this application is Andrew Belsito, Rates and Regulatory Affairs Officer. Phone number 705-759-3009 or email at <u>Andrew.Belsito@ssmpuc.com</u>. The applicant's legal counsel is John Vellone, Partner, Borden Ladner Gervais LLP, phone 416-367-6730 and email <u>jvellone@blg.com</u>.



PUC Distribution's confirmed email address is <u>www.ssmpuc.com</u>.

PUC Distribution will issue the notice in the Sault Star in both English and French. The Sault Star is a daily paid circulation issuing 13,000 copies and an estimated readership of 26,000. The Sault Star covers PUC Distribution's entire service territory and has the highest readership and circulation numbers in the area. PUC Distribution will also serve notice directly on all parties who participated in its last cost of service application (EB-2017-0071).

Affected by this application will include all PUC customers within PUC's service territory of Sault Ste. Marie. This includes customers within the following rate classes:

- Residential
- General Service Less Than 50 kW
- General Service 50 to 4,999 kW
- Unmetered Scattered Load
- Sentinel Lighting
- Street Lighting

The billing determinants used in the pre-populated models of the 2019 Rate Generator are complete and accurate. PUC is confirming that they match our records and what was provided to the OEB through the 2017 RRR.

PUC's 2019 electricity distribution application will be sent to the OEB in the following form:

- (a) Electronic filing through the Board's web portal, consisting of one (1) electronic copy of the application in a searchable/unrestricted PDF format and one (1) electronic copy in Microsoft Excel format of the completed Rate Generator model along with supplemental filing work forms.
- (b) Two (2) paper copies of the application.

Sincerely,

Indrew Belsito

Andrew Belsito, CPA, CMA Rates and Regulatory Affairs Officer PUC Distribution Inc. Sault Ste. Marie Ont. Email: <u>Andrew.Belsito@ssmpuc.com</u> Phone: 705-759-3009

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## PUC Distribution Inc. ("PUC Distribution")

## MANAGER'S SUMMARY

2019 Distribution Rate Application Under 4th Generation Incentive Rate Setting

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## APPLICATION

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

**AND IN THE MATTER OF** an application by PUC Distribution Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other charges for electricity distribution to be effective May 1, 2019.

**Title of Proceeding:** An application by PUC Distribution Inc. for an Order of Orders approving or fixing just and reasonable distribution rates and other charges, effective May 1, 2019.

APPLICANT'S NAME:	PUC Distribution Inc.
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## **CONTACT INFORMATION:**

Applicant's Address for Service:	500 Second Line East Sault Ste. Marie, Ontario P6A 6P2
Primary Applicant Contact:	Andrew Belsito, CPA, CMA Rates and Regulatory Affairs Officer Telephone: 705-759-3009 Fax: 705-759-6553 Email: <u>andrew.belsito@ssmpuc.com</u>
The Applicant's Representation:	Borden Ladner Gervais LLP Bay Adelaide Centre, East Tower 22 Adelaide Street West Toronto, Ontario M5H 4E3
	<u>Primary Contact</u> John A.D. Vellone Partner Telephone: 416-367-6730 Fax: 416-367-6749 Email: jvellone@blg.com

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## **CERTIFICATION OF EVIDENCE**

As President and Chief Executive Officer of PUC Distribution Inc., I certify that to the best of my knowledge:

- a) The evidence filed in PUC Distribution's 2019 IRM application is accurate, consistent, complete and consistent with the requirements from Chapter 3 of the *Filing Requirements for Transmission and Distribution Rate Applications* revised on July 12, 2018;
- b) The accuracy of the billing determinants for pre-populated models; and
- c) That robust processes and internal controls are in place for the preparation, verification and oversight of variance account balances.

Respectfully,

**Robert Brewer** 

President and Chief Executive Officer

## 1. Introduction

PUC Distribution Inc. ("PUC Distribution") hereby applies to the Ontario Energy Board (the "OEB") for approval of 2019 Distribution Rate Adjustments, based on Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications (EDR)* last revised on July 12, 2018.

PUC Distribution has prepared the 2019 4<sup>th</sup> Generation Incentive Rate-Setting Application consistent with Chapter 3 of the filing requirements for electricity distribution rate applications revised by the OEB on July 12, 2018.

PUC Distribution has used the OEB's 2019 IRM Rate Generator model, Global Adjustment Analysis work form, 1595 Analysis work form, the generic LRAMVA work form and the Capital Module for ACM and ICM (v4.2) in the preparation of this filing, and it confirms the accuracy of the 2017 billing determinants and Trial Balance for the prepopulated models.

PUC Distribution requests that this Application be disposed of by way of a written hearing.

## 2. Annual Adjustment Mechanism

The annual adjustment mechanism is defined as the annual percentage change in the inflation factor less an X-Factor (i.e. productivity factor and stretch factor). As part of the supplemental report on the RRFE (Renewed Regulatory Framework for Electricity Distributors) the Board will establish the final inflation factor, productivity factor and stretch factor to apply to distributors for 2019 rate setting. Board staff will update PUC Distribution's Rate Generator Model with the final parameters as established. The rate Generator Model initially includes rate-setting parameters from the preceding year as a placeholder. This has been updated to the current inflation factor of 1.50%, productivity factor of 0.00% and a stretch factor of 0.45% (representing the fourth cohort) for a total price index adjustment of 1.05%.

The price index adjustment is not applied to the following components of delivery rates:

- Rate Adders;
- Rate Riders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rates;
- Rural and Remote Rate Protection Benefit and Charges;
- Standard Supply Service Administration Charge;
- Capacity Based Recovery;
- Micro-FIT Service Charge;
- Specific Service Charges;
- Transformation and Primary Metering Allowances; and
- Smart Meter Entity Charge.

## 3. Revenue-to-Cost Ratio Adjustment

In PUC Distribution's 2018 Cost of Service Rate Application (EB-2017-0071) the Board's decision did not include a phase-in period to adjust the revenue-to-cost ratios. Therefore, PUC Distribution is not applying for a revenue-to-cost ratio adjustment in this application and will continue with the approved ratios for each rate class as listed in Figure 1 below:

	Approved Revenue- to-Cost-	Board Target	Board Target
Class	Ratio	Low	High
Residential	92.62%	85.00%	115.00%
General Service < 50 kW	116.08%	80.00%	120.00%
General Service 50 to 4,999 kW	111.07%	80.00%	120.00%
Street Lighting	120.00%	70.00%	120.00%
Sentinel Lighting	97.22%	80.00%	120.00%
Unmetered Scattered Load	112.71%	80.00%	120.00%

## Figure 1 – Approved Revenue-to-Cost Ratios

## 4. Rate Design for Residential Electricity Customers

On April 2, 2015 the OEB 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 which will be implemented, in most cases, over a period of four years, beginning in 2016.

In proposing a transition to a fully fixed rate design, PUC Distribution has followed the approach set out in Tab 16. Rev2Cost\_GDPIPI of the 2019 IRM Rate Generator. In using the standard four year transition to a fixed service charge, PUC Distribution has calculated the monthly fixed charge increase to be greater than \$4 per year. PUC Distribution mitigated this issue during their 2016 IRM application (EB-2015-0089) by applying for an extension of the transition period by one year, which was ultimately approved by the Board.

When determining PUC Distribution's residential customers 10<sup>th</sup> consumption percentile, 12 months of actual source data was used on all residential customers to get an average consumption amount per month per customer. Based on the number of customers and sorting the consumption from smallest to largest, it was determined that the 10<sup>th</sup> consumption percentile for PUC Distribution's residential customers is 308 kWh.

Comparing PUC Distribution's total bill impacts (previous Board Approved rates vs. proposed rates) of a customer at PUC Distribution's 10<sup>th</sup> consumption percentile, the total bill increases by 4.19% for residential RPP customers as shown in Figure 2 below.

Customer Class: F	ESIDENTIAL	SERVICE CLAS	SIFICATION						٦				
RPP / Non-RPP: R	PP								_				
Consumption	308	kWh											
Demand		kW											
Current Loss Factor	1.0481												
Proposed/Approved Loss Factor	1.0481												
				B-Approved				Propos	ed			Im	pact
			late	Volume	Cha		Rate	Volume		Charge			
Martha Querda - Ohanna			(\$)		(\$		(\$)			(\$)		Change	% Change
Monthly Service Charge Distribution Volumetric Rate		\$	24.41	1	\$		\$ 28		1 \$	28.17	\$	3.76	15.40%
Fixed Rate Riders		\$ \$	0.0086 (1.35)	308	\$ \$	2.65 (1.35)		43 30 52)	08 \$ 1 \$	1.32 (0.52)		(1.32) 0.83	-50.00% -61.48%
Volumetric Rate Riders		s s	0.0002	308	э \$	0.06	\$ 0.00			(0.52)	s	0.83	-61.46%
Sub-Total A (excluding pass through)		\$	0.0002	300	э \$	25.77	ş 0.00	0/ 3/	ە \$	29.19	ŝ	3.42	13.27%
Line Losses on Cost of Power		s	0.0820	15	<b>ə</b> S	1.21	\$ 0.08	20 1		1.21	ې ۲	- 3.42	0.00%
Total Deferral/Variance Account Rate		•									Ť		
Riders		-\$	0.0032	308	\$	(0.99)	-\$ 0.00	67 30	в \$	(2.06)	\$	(1.08)	109.38%
CBR Class B Rate Riders		s		308	\$		s .	30	3 \$	-	s		
GA Rate Riders		s		308	ŝ		ŝ.	30		-	ŝ		
Low Voltage Service Charge		\$		308	\$			30	B \$	-	ŝ	-	
Smart Meter Entity Charge (if applicable)		s			\$	0.57	\$ 0			0.57			0.000/
		\$	0.57	1	\$	0.57	\$ U	57	1\$	0.57	\$		0.00%
Additional Fixed Rate Riders		\$	-	1	\$	-	\$		1 \$	-	\$	-	
Additional Volumetric Rate Riders		-\$	0.0004	308	\$	(0.12)	-\$ 0.00	04 30	з\$	(0.12)	\$	-	0.00%
Sub-Total B - Distribution (includes Sub- Total A)					\$	26.45			\$	28.79	\$	2.34	8.85%
RTSR - Network		\$	0.0060	323	\$	1.94	\$ 0.00	59 32	3 \$	1.90	\$	(0.03)	-1.67%
RTSR - Connection and/or Line and		s		323	\$		s .	32	3 \$		s		
Transformation Connection		•		020	Ŷ		•	02	, ,		Ľ.		
Sub-Total C - Delivery (including Sub- Total B)					\$	28.38			\$	30.69	\$	2.31	8.14%
Wholesale Market Service Charge		s	0.0036	323	\$	1.16	\$ 0.00	34 32	3 \$	1.10	s	(0.06)	-5.56%
(WMSC)		*	0.0030	525	φ	1.10	φ 0.00	34 32	φ	1.10	°.	(0.00)	-3.30 %
Rural and Remote Rate Protection (RRRP)		s	0.0003	323	\$	0.10	\$ 0.00	05 32	3 \$	0.16	s	0.06	66.67%
		•		020									
Standard Supply Service Charge		\$	0.25	1	\$			25	1 \$		\$	-	0.00%
TOU - Off Peak		\$	0.0650	200	\$		\$ 0.06			13.01	\$	-	0.00%
TOU - Mid Peak		\$	0.0940	52 55	\$ \$		\$ 0.09				\$	-	0.00%
TOU - On Peak		\$	0.1320	55	\$	7.32	\$ 0.13	20 5	5\$	7.32	<u>ې</u>		0.00%
Total Bill on TOU (before Taxes)					s	55.15			\$	57.45	\$	2.31	4.19%
HST			13%		<b>ə</b> S	7.17	1	3%	ې \$	7.45	s S	0.30	4.19%
8% Rebate			8%		s S	(4.41)		8%	ŝ	(4.60)		(0.18)	4.15%
Total Bill on TOU			070		\$	57.90		0.0	\$	60.33		2.42	4.19%
					÷	01.00			Ť	50.00	•	22	

## Figure 2 – Total Bill Impact – 10<sup>th</sup> Consumption Percentile

## 5. Electricity Distribution Retail Transmission Service Rates

PUC Distribution is applying for a decrease in the network service rates in accordance with the OEB guidelines *Electricity Distribution Retail Transmission Service Rates ("RTSR"), Revision 4.0* (G-2008-0001) issued June 28, 2012. The decrease is calculated using the 2019 IRM Rate Generator Model issued by the OEB that applies historical wholesale and retail consumption to current and future wholesale and retail rates. When the January 1, 2019 rates are determined, the Board Staff will adjust the 2019 RTSR section of the Rate Generator Model accordingly. Consistent with prior years, PUC Distribution's customers are not subject to the retail connection transmission service rates due to the fact that PUC Distribution receives power at 115kV and owns the transformer equipment to step down to distribution levels.

A summary of the current and proposed Retail Transmission Rates are in Figure 3 below:

	Current RTSR - Network (\$)	Proposed RTSR - Network (\$)
Residential (kWh)	0.0060	0.0059
General Service <50 kW (kWh)	0.0056	0.0055
General Service > 50kW (kW)	2.2694	2.2323
General Service >50 kW Interval Metered (KW)	2.8541	2.8074
USL (kWh)	0.0056	0.0055
Sentinel Lighting (kW)	1.7202	1.6921
Street Lighting (kW)	1.7116	1.6836

## Figure 3 – RTSR – Network Rates

## 6. Review and Disposition of Group 1 Deferral and Variance Account Balances

PUC Distribution followed the *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report* (the "EDDVAR Report"). The report provides that under the 4<sup>th</sup> Generation IR, the distributors Group 1 audited account balances will be reviewed and disposed of if the pre-set disposition threshold of \$0.001 per kWh is exceeded. The Group 1 accounts are as follows:

- 1550 Low Voltage Account;
- 1551 Smart Metering Entity Charge Variance;
- 1580 RSVA Wholesale Market Service Charge Account;
  - o 1580 Variance WMS, Sub-Account CBR Class A
  - 1580 Variance WMS, Sub-Account CBR Class B
  - 1584 RSVA Retail Transmission Network Charges Account;
- 1586 RSVA Retail Transmission Connection Charge Account;
- 1588 RSVA Power Account;

•

- 1589 RSVA Global Adjustment Account; and
- 1595 Disposition and Recovery/Refund of Regulatory Balances Account.

PUC Distribution has completed Tab 3. Continuity Schedule of the Rate Generator Model and has reconciled December 31, 2017 audited balances with the April 30, 2018 RRR filing. The variance in cell "BV23" is a result of the costs for the Capacity Based Recovery ("CBR"). The 2017 RRR filing included these costs in Account 1580, however, the costs have been segregated in the appropriate sub-accounts for Class A and Class B in the Model. PUC Distribution confirms that no additional adjustments have been made to any deferral or variance account balances that have been previously approved by the OEB on a final basis.

For the 2017 period, PUC Distribution exceeded the threshold test of \$0.001 per kWh as shown in Figure 4 below:

## Figure 4 – Threshold Test

Total Claim (excluding Account 1568)	(\$1,278,841)
Total Claim for Threshold Test (All Group 1 Account)	(\$1,661,861)
Threshold Test (Total Claim per kWh)	(\$0.0027)

PUC Distribution is applying for disposal of the following accounts:

- 1551 Smart Metering Entity Charge Variance;
- 1580 Wholesale Market Service Charge;
- 1584 Retail Transmission Network Charge;
- 1588 RSVA Power (Excluding Global Adjustment); and
- 1589 RSVA Global Adjustment
- 1595 Disposition and Recovery/Refund of Regulatory Account Balances (2013 Year) (Residual Balance)
- 1595 Disposition and Recovery/Refund of Regulatory Account Balances (2016 Year)

PUC Distribution does not use accounts 1550 (LV Variance Account) or 1586 (Retail Transmission Connection Charge) therefore these accounts are not included in the application for recovery.

PUC Distribution has completed the continuity schedule on Tab 3. Continuity Schedule of the 2019 IRM Rate Generator Model. In the Continuity Schedule, PUC Distribution has included the December 31, 2017 Group 1 account balances; 2018 dispositions instructed by the Board; and projected carrying charges to April 30, 2019 using the Board's prescribed interest rate of 2.17%. The balances for disposition are in Figure 5 as follows:

1551 – Smart Meter entity Charge	(\$11,128)
1580 – Wholesale Market Service Charge	(\$986,572)
1584 – Retail Transmission Network Charge	(\$189,040)
1588 – RSVA Power (Excluding Global Adjustment)	(\$1,015,475)
1589 – RSVA Global Adjustment	476,919
1595 – 2013 Residual Balance	\$9,424
1595 – 2016 Regulatory Balance	\$54,012
Total	(\$1,661,860)

## Figure 5 – Group 1 Account Total Claim Balances

PUC Distribution used billing determinants from the last Board-approved volumetric forecast in PUC Distribution's 2018 Cost of Service Rate Application (EB-2017-0071) to allocate the regulatory asset recovery balances for accounts 1580, 1584, and 1588 to the rate classes. Global Adjustment sub-account 1589 is allocated to the rate classes based on non-RPP kWh. PUC Distribution is applying for a charge period of one year from May 1, 2019 to April 30, 2020.

The regulatory asset rate riders, as calculated in the deferral and variance work form which is included in the 2019 Rate Generator Model (excluding 1589 account Global Adjustment), are included in Figure 6 below.

Residential	(\$0.0035)/kWh
General Service less than 50 kW	(\$0.0035)/kWh
General Service 50 to 4,999 kW	(\$1.3368)/kW
Unmetered Scattered Load	(\$0.0035)/kWh
Sentinel Lighting	(\$1.2114)/kW
Street Lighting	(\$0.9618)/kW

## Figure 6 – Regulatory Asset Rate Riders

The regulatory asset rate riders, as calculated in the deferral and variance work form, that are applicable only to Non-RPP customers for the Global Adjustment Variance are included in Figure 7 below.

Residential	\$0.0022/kWh
General Service Less than 50 kW	\$0.0022/kWh
General Service 50 to 4,999 kW	\$0.0022/kWh
Unmetered Scattered Load	\$0.0000/kWh
Sentinel Lighting	\$0.0000/kWh
Street Lighting	\$0.0022/kWh

## Figure 7 – Global Adjustment Rate Riders

## Wholesale Market Participants

PUC Distribution does not have any Wholesale Market Participant customers.

## Global Adjustment (GA) – Class B & A

In accordance with the Chapter 3 Filing Requirements last updated July 12, 2018, distributors who serve Class A customers must allocate the recovery of the global adjustment variance balance based on their settlement process with the IESO for any residual global adjustment variance balances that accrued for Class A transition customers (i.e., customers who transitioned from Class B to A or Class A to B during the period). PUC Distribution's eligible Class A customers during the 2017 period belonged to the General Service 50 to 4,999 kW class. Beginning July 1, 2017, two customers obtained Class A status, but contributed to the global adjustment variance balance prior to this date. The GA contribution of the Class A transition customers was \$27,530 for the period of January 1, 2017 to December 31, 2017, including carrying charges using the OEB's prescribed interest rates. PUC Distribution completed the Rate Generator Model, Tab 6.1a GA Allocation, to determine monthly equal payments for the Class A transition customers.

PUC Distribution proposed to recover the \$27,530 balance from the Class A transition customers through customer-specific equal monthly payments over a 12 month disposition period. PUC Distribution's proposed customer-specific equal monthly payments for its Class A transition customers are summarized in Figure 8 below.

## Figure 8 – Class A Transition Customer GA Monthly Payments

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)	A	217,468,371	217,468,371		
Transition Customers' Class B Consumption (i.e. full year or partial					
year)	В	12,553,080	12,553,080		
Transition Customers' Portion of Total Consumption	C=B/A	5.77%			

#### Allocation of Total GA Balance \$

Total GA Balance	D	\$ 476,919
Transition Customers Portion of GA Balance	E=C*D	\$ 27,530
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	F=D-E	\$ 449,389

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

# of Class A/B Transition Customers	2				
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period WhenThey Were Class B Customers	Transition Customers During the		Customer Specific GA Allocation for the Period When They Were a Class B customer	 
Customer 1	8,723,213	8,723,213	69.49%	\$ 19,130	\$ 1,594
Customer 2	3,829,867	3,829,867	30.51%	\$ 8,399	\$ 700
Total	12,553,080	12,553,080	100.00%	\$ 27,530	

## Global Adjustment (GA) – GA Analysis Work form

In accordance with Chapter 3 Filing Requirements updated on July 12, 2018, distributors must complete the GA Analysis Work form to determine whether the annual balance in Account 1589 is reasonable. The Work form compares the General Ledger principal balance to an expected principal balance based on monthly GA volumes, revenues and costs. Distributors may provide reconciling items to explain and reduce the discrepancy between the actual and expected balance. Any unexplained discrepancies should be calculated separately for each calendar year and any unexplained discrepancy for each year greater than +/- 1% of total annual IESO GA charges will be considered material.

PUC Distribution has completed the GA Analysis Work form which is included in Appendix 8 as well as the GA Methodology Description which is included in Appendix 9.

## Global Adjustment (GA) – Description of Settlement Process

In accordance with the Filing Guidelines, the description of PUC Distribution's settlement process is only required to be submitted if an aspect of the description has changed since previously filed or has not been previously filed in an application. PUC Distribution confirms

that the settlement process description previously filed in the 2018 Cost of Service (EB-2017-0071) has not changed during 2017 fiscal period.

## Commodity Accounts 1588 and 1589 – RPP Settlement True-Ups

Effective May 23, 2017, per the ORB's letter titled *Guidance on Disposition of Accounts 1588 and 1589,* applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in the RSVA Power (Account 1588) and RSVA GA (Account 1589) variance accounts. For the 2017 fiscal period, PUC Distribution confirms that it has updated its RPP Settlement true-up procedures consistent with the OEB's letter noted above.

## Commodity Accounts 1588 and 1589 – Certification of Evidence

Given issues that have arisen with commodity accounts 1588 RSVA Power and 1589 RSVA GA balances, the OEB now requires a certification by the Chief Executive Officer (CEO), or Chief Financial Officer (CFO), or equivalent. The application must include a certification that the distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances being disposed, consistent with the certification requirements in Chapter 1 of the filing requirements. This certification has been provided above.

## Capacity Based Recovery (CBR)

PUC Distribution follows the OEB's Accounting Guidance on CBR issued on July 25, 2016.

PUC Distribution bills Class A customers their share of the actual CBR charge, equal to Charge Type 1350 on the IESO invoice, based on their respective Peak Demand Factor. Costs recorded under Charge Type 1350 for CBR for Class A consumption are recorded in Account 4708 Charges – WMS, Sub-account CBR Class A.

In accordance with the Chapter 3 Filing Requirements last updated on July 12, 2018, distributors who serve Class A customers must allocate the recovery of the CBR Class B variance balance based on their settlement process with the IESO for any residual CBR Class B variance balances that accrued for Class A transition customers (i.e., customers who transitioned from Class B to A or Class A to B during the period). Beginning July 1, 2017, two customers obtained Class A status, but contributed to the CBR Class B variance balance prior to this date. The CBR Class B contribution of the Class A transition customers is \$79 for the period of January 1, 2017 to December 31, 2017, including carrying charges using the OEB prescribed interest rates.

PUC Distribution proposed to recover the \$79 balance from the Class A transition customers through customer-specific equal monthly payments over a 12 month disposition period. PUC Distribution's proposed customer-specific equal monthly payments for its Class A transition customers are summarized in Figure 9 below.

## Figure 9 – Class A Transition Customer CBR Monthly Payments

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)	А	608,802,224	608,802,224
Transition Customers' Class B Consumption (i.e. full year or partial			
year)	В	12,553,080	12,553,080
Transition Customers' Portion of Total Consumption	C=B/A	2.06%	596,249,144

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

D	\$	3,845
E=D*C	\$	79
j.		
F=D-E	\$	3,766
	3	

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	2				
	Consumption (kWh) for	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B		Customer Specific CBR Class B Allocation for the Period When They Were a	Monthly Equal
Customer		Customers in 2017			Payments
Customer 1	8,723,213	8,723,213	69.49%	\$ 55	\$ 5
Customer 2	3,829,867	3,829,867	30.51%	\$ 24	\$ 2
Total	12,553,080	12,553,080	100.00%	\$ 79	\$

PUC Distribution records WMS revenues for CBR on all consumption for Class B customers. Costs recorded under Charge Type 1351 for CBR for Class B consumption is recorded in Account 4708 Charges – WMS, sub-account CBR Class B. PUC Distribution tracks the variance between the revenue billed to customers for Class B CBR and the costs recorded under Charge Type 1351 for CBR in Account 1580 WMS Sub-account CBR Class B. Carrying charges are applied to monthly opening balances at the Board's prescribed rate.

## 7. LRAM Variance Account (LRAMVA)

In accordance with the Board's *Guidelines for Electricity Distributors 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 LRAMVA balance in IRM rate applications if the balance is deemed significant by the applicant. All requests for disposition of the LRAMVA must be made together with carrying charges.

PUC Distribution has contracted the services of IndEco to complete an LRAMVA Report (Appendix 5) and the OEB provided LRAMVA work form (Appendix 6). PUC Distribution contracted with the IESO to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. PUC Distribution is required to use the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation. The final 2017 annual verified results report (Appendix 7) is the most recent final CDM evaluation report available from the IESO. Thus, PUC Distribution may claim lost revenue from CDM programs up to and including 2017 in this application.

PUC Distribution disposed of lost revenues from 2011-2012 CDM programs in the 2013 COS rate application and 2014 IRM rate application. It disposed of lost revenues from 2013-2016 in the 2018 Cost of Service rate application. The LRAMVA threshold estimated from 2011-

2013 CDM programs in 2013 is compared to the calculated lost revenue from verified final CDM results. The difference between these two is the LRAMVA value PUC Distribution is claiming for 2017. The LRAMVA report, as seen in Appendix 5, determines the variance account balance for revenue losses in 2017. The carrying charges on these variances through April 2019 will also be reported.

The LRAMVA balance at the end of December 2017 for PUC Distribution that includes results from 2011-2017 CDM programs and adjustments to 2011 to 2016 results in 2012-2017 is \$371,239.17. The total carrying charges on this LRAMVA balance accumulated to April 30, 2019 are \$11,780.66. These balances are attributable to individual rate classes according to the following Figure:

Rate Class	LRAMVA	Carrying Charges	Total
Residential	\$129,025	\$4,094	\$133,119
GS<50 kW	\$68,589	\$2,177	\$70,766
GS 50 to 4,999 kW	\$65,293	\$2,072	\$67,365
Unmetered Scattered Load	(\$349)	(\$11)	(\$360)
Sentinel Lighting	(\$264)	(\$8)	(\$272)
Street Lighting	\$108,944	\$3,457	\$112,402
Total	\$371,239	\$11,781	\$383,020

## Figure 10 – LRAMVA New Disposition per Rate Class

In Figure 11 below, PUC Distribution has summarized the LRAMVA claim of the CDM results and adjustments. Carrying charges are included at the OEB prescribed rate. The 'Principle Disposition during 2018' column was adjusted to allow for the Total Claim amount in cell BT43 to match to the LRAMVA claim amount of \$383,020. This was done in order for the actual rate rider to flow through to the Final Tariff Schedule. The kWh/Kws used in the rate rider calculation are from PUC Distribution's 2017 Board approved RRR which also match the total metered kWh/kW's from tab "7. Calculation of Def-Var RR" within the 2019 Rate Generator Model.

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					GS 50 to	ļ	Unmetered		Sentinel		Street
	Residential	Ģ	GS<50 kW	4	1,999 kW	Sc	attered Load	Lighting		Lighting	
LRAMVA Balance at end of 2017	\$ 129,025.00	\$	68,589.00	\$	65,293.00	\$	(349.00)	\$	(264.00)	\$	108,944.00
Carrying Charges	\$ 4,094.00	\$	2,177.00	\$	2,072.00	\$	(11.00)	\$	(8.00)	\$	3,457.00
Total LRAMVA Claim	\$ 133,119.00	\$	70,766.00	\$	67,365.00	\$	(360.00)	\$	(272.00)	\$	112,401.00
kWh/kW	282,820,547		91,035,995		610,764		907,713		619		7,030
Rate Rider	0.0005		0.0008		0.1103		(0.0004)		(0.4394)		15.9889
	/ kWh		/ kWh		/ kW		/ kWh		/ kW		/ kW

## Figure 11 – LRAMVA Rate Rider

## 8. Tax Changes

In its Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's *Electricity* Distributors, the OEB determined a 50/50 sharing of the impact of currently known legislation tax changes as applied to the tax level reflected in the Board-approved base rates for distributors is appropriate.

PUC Distribution has completed the OEB's 2019 IRM Rate Generator Model (Tab "8. STS-Tax Change" and Tab "9. Shared Tax-Rate Rider"), and calculated annual tax changes allocated to customer rate classes on the basis of the 2018 Board Approved billing determinants and distribution rates (2018 COS file number EB-2017-0071). As there is no tax change from the 2018 year of the cost of service, no rate rider has been generated.

## 9. Z-Factor Claims

Z-factor claims are intended to provide for unforeseen events outside of a distributor's management control, regardless of a distributors' rate-setting mechanism at the time of the event. The cost to a distributor must be material and its causation clear. In this application, PUC Distribution is not applying for a Z-factor claim.

## **10. Incremental Capital Module ("ICM")**

The Incremental Capital Module is intended to address the treatment of capital investment needs that arise during the rate-setting plan which are incremental to the materiality threshold.

PUC Distribution submits this ICM to secure incremental capital for 2019 to support the first phase of the proposed Sault Smart Grid ("SSG") project. The SSG project is an innovative

initiative which would provide significant benefits to PUC Distribution's customers. The project includes distribution automation, voltage control and improved customer care and outage management capabilities while maintaining a "no net bill increase" for customers which will be achieved on total bill through lower consumption as a result of improved voltage regulation.

To achieve this initiative, PUC Distribution is requesting approval of a net capital expenditure exceeding PUC Distribution's 2019 materiality threshold of \$4,552,714. This results in an incremental revenue requirement of \$510,553.

The total capital cost of the SSG Project is estimated to be \$34,389,046 with 22% of the SSG Project (\$7,655,053) to be in service by December 31, 2019 ("Phase 1") with the remaining 78% (\$26,733,992) to be in service by December 31, 2020 ("Phase 2"). Incremental funding for Phase 2 of the SSG Project will be requested by way of a 2020 ICM application.

PUC Distribution submitted an application to the Natural Resources Canada ("NRCan") Smart Grid Program for a total of \$11,807,000 in funding. The agreement between the Federal Government of Canada and PUC Distribution, executed in December 2018, requires PUC Distribution to undertake and receive approval from the OEB for the required rate adjustment in support of the SSG Project. The NRCan Funding is expected to provide \$2,628,256 in 2019 and \$9,178,744 in 2020 in funding for the SSG Project.

If the OEB does not approve the Phase 1 and Phase 2 ICM request, the \$11,807,000 in NRCan funding will be lost.

The SSG Project will provide a number of benefits, including:

- Reducing customers' total bill as a result of the net benefits achieved through efficiencies including reduced energy consumption, system losses and other forecasted benefits that will off-set any distribution cost increases;
- Introducing adaptive infrastructure which improves system reliability and resiliency with self-healing networks and integrated data management systems for normal outage planning and situational weather events with enhanced outage management capability; and
- Providing an advanced distribution management system enabling platform for power system flexibility to support technology integration, renewable energy and customer preferences in energy services and solutions.

The approval of the SSG Project, as calculated, will result in the addition of the rate riders shown in Figure 12 on the 2019 Proposed Tariff of Rates and Charges.

	Service Charge	Volumetric Rate	Volumetric
Class	Rate Rider	Rider/kWh	Rate Rider/kW
Residential	\$0.83	\$0.0000	\$0.0000
General Service Less than 50 kW	\$0.55	\$0.0007	\$0.0000
General Service 50 to 4,999 kW	\$3.03	\$0.0000	\$0.1784
Unmetered Scattered Load	\$0.34	\$0.0010	\$0.0000
Sentinel Lighting	\$0.09	\$0.0000	\$0.8790
Street Lighting	\$0.04	\$0.0000	\$0.2367

## Figure 12 – SSG Project Rate Riders

As with any change to rates, the effect on specific customers will vary. Below, in Figure 13, are examples of bill impacts at various consumption levels once the full SSG Project is included in rates. The bill impacts below do not include the effect of the system loss reduction, the capex benefit, the operating efficiency benefit, the additional O&M expenses and the annual reliability benefit which net to annual overall benefit to customers.

	Consumption		Total Bill	Total Bill
Class	(kWh)	Consumption (kW)	Increase/Decrease	Impact %
Residential	750	0	\$1.08	1.00%
Residential	1,130	0	\$0.00	0.00%
Residential	2,000	0	-\$2.47	-1.03%
GS<50	2,000	0	\$0.23	0.08%
GS<50	2,250	0	\$0.00	0.00%
GS<50	3,000	0	-\$0.71	-0.18%
GS>50	19,740	55	-\$34.57	-1.03%
GS>50	57,220	145	-\$130.60	-1.40%
GS>50	142,465	452	-\$303.39	-1.27%
GS>50	169,620	468	-\$394.91	-1.42%

## Figure 13 – Customer Bill Impacts

For the full analysis of the ICM on the SSG Project, please refer to Exhibit 11.

## 11. Treatment of Costs for 'Eligible Investments'

PUC Distribution submitted its 5-year Distribution System Plan (DSP) with its 2018 Cost of Service Rate Application. As referenced within Section 2.3.9 of the DSP, PUC Distribution's distribution system is capable of accommodating REG and no capital investments are needed for capacity upgrades to facilitate the connection of renewable energy generation plant at this time. Therefore, no requirement to establish deferral accounts for these types of costs or recovery of costs is requested or required.

## **12. Conservation and Demand Management Costs for Distributors**

PUC Distribution's CDM programs are funded through the IESO and therefore confirms that no CDM costs are not included in distribution rates.

## 13. Off-Ramps

An off ramp is based on a pre-defined set of conditions under which a plan based on any of the three rate-setting methods would be terminated or modified before its normal end-of-term date due to excessive over or under earnings. In this application, PUC Distribution is not applying for an off-ramp.

## 14. Bill Impacts

PUC Distribution's proposed tariff can be found in Appendix 1. Bill impacts by customer class are included in Appendix 3 and have also been updated to reflect PUC Distribution's proposal. Figure 12 below summarizes the monthly bill impacts by customer class.

	Average Monthly Volume			Total	Total	Total Bill	Total Bill
Class	kWh	kW	RPP/Non-RPP	Current Bill	Proposed Bill	Impact (\$)	Impact (%)
Residential	750	0	RPP	\$105.01	\$104.00	-\$1.01	-0.96%
Residential - 10 <sup>th</sup> Percentile	308	0	RPP	\$57.90	\$60.33	\$2.42	4.19%
General Service Less than 50 kW	2,000	0	RPP	\$269.29	\$266.31	-\$2.98	-1.11%
General Service 50 to 4,999 kW	57,220	145	Non-RPP	\$9,081.10	\$9,061.90	-\$19.20	-0.21%
Unmetered Scattered Load	3,600	0	Non-RPP	\$654.13	\$644.07	-\$10.07	-1.54%
Sentinel Lighting	50	1	Non-RPP	\$46.07	\$45.70	-\$0.36	-0.79%
Street Lighting	199,852	585	Non-RPP	\$49,153.36	\$59,875.00	\$10,721.63	21.81%

Figure 14 – Bill Impact S	Summary
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## **APPENDIX 1**

2019 Proposed 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

**RESIDENTIAL SERVICE CLASSIFICATION** 

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semi-detached, duplex, triplex or quadruplex with residential zoning. Class B consumers are defined on 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		\$	28.17
Rate Rider For ICM - effect	tive until April 30, 2020	\$	0.83
Smart Metering Entity Cha	irge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition	of Tax Loss Carry-forward - effective until April 30, 2020	\$	(1.30)
Rate Rider for Disposition	of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$	(0.05)
Distribution Volumetric Ra	te	\$/kWh	0.0043
Rate Rider for Disposition	of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Nor	n-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition	of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0035)
Rate Rider for Disposition	of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers -		
effective until April 30, 202	20 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition	of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 -		
Approved on an Interim Ba	asis	\$/kWh	(0.0032)
Rate Rider for Disposition	of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 202	20	\$/kWh	0.0005
Rate Rider for Disposition	of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 202	20	\$/kWh	0.0002
Retail Transmission Rate	- Network Service Rate	\$/kWh	0.0059
MONTHLY RATES	AND CHARGES - Regulatory Component		
Data Diday fay Frakaddad		<b>0</b> /1.14/1	(0,000,0)
Rate Rider for Embedded		\$/kWh	(0.0004)
	Rate (WMS) - not including CBR	\$/kWh	0.0030
	(CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity	y Rate Protection Charge (RRRP)	\$/kWh	0.0005

\$

0.25

Standard Supply Service - Administrative Charge (if applicable)

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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

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

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined on 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	\$	20.95
Rate Rider For ICM - effective until April 30, 2020	\$	0.55
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.86)
Distribution Volumetric Rate	\$/kWh	0.0251
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh	(0.0035)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers -		
effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 -		
Approved on an Interim Basis	\$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2020	\$/kWh	0.0008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 2020	\$/kWh	0.0019
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider For ICM - effective until April 30, 2020	\$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
MONTHLY RATES AND CHARGES - Regulatory Component		
MONTHET RATES AND CHARGES - Regulatory component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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

This classification applies to a non residential account whose average monthly peak demand used for billing purposes over the past 12 months is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined on 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 WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

Service Charge	\$	115.66
Rate Rider For ICM - effective until April 30, 2020	\$	3.03
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(4.74)
Distribution Volumetric Rate	\$/kW	6.8002
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020	φ/πνν	0.0002
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(1.3368)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers -	φπτ	(1.0000)
effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 -	<i>ų</i> ,	0.0001
Approved on an Interim Basis	\$/kW	(1.2817)
	φπτ	(1.2011)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.0258)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	ψ	(0.0200)
effective until April 30, 2020	\$/kW	0.1103
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -	ψ	0.1100
effective until April 30, 2020	\$/kW	0.0962
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kW	(0.2734)
Rate Rider For ICM - effective until April 30, 2020	\$/kW	0.1784
Retail Transmission Rate - Network Service Rate	\$/kW	2.2323
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8074
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
	Ŧ	0.20

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

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## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly 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 on accordance with O. Reg. 429/04. Further servicing details are available in the Distributor's Conditions of Service.

#### APPLICATION

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

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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 Rate Rider For ICM - effective until April 30, 2020 Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$ \$ \$	12.82 0.34 (0.53)
Distribution Volumetric Rate Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kWh \$/kWh	0.0387 (0.0035)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 -	•••••	()
Approved on an Interim Basis	\$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -	\$/kWh	(0.0001)
effective until April 30, 2020	\$/kWh	(0.0004)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -	<b>C</b> /J.)A/J-	(0.0040)
effective until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kWh	(0.0016)
Rate Rider For ICM - effective until April 30, 2020	\$/kWh	0.0010
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. Class B consumers are defined on 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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Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

Service Charge (per connection)	\$	3.59
Rate Rider For ICM - effective until April 30, 2020	\$	0.09
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.15)
Distribution Volumetric Rate	\$/kW	33.4983
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(1.2114)
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 -		
Approved on an Interim Basis	\$/kW	(1.1433)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.0229)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2020	\$/kW	(0.4394)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 2020	\$/kW	(1.1660)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kW	(1.3742)
Rate Rider For ICM - effective until April 30, 2020	\$/kW	0.8790
Retail Transmission Rate - Network Service Rate	\$/kW	1.6921
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
	Ŧ	0.20

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

EB-2018-0219

## 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 on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

Service Charge (per connection)	\$	1.38
Rate Rider For ICM - effective until April 30, 2020	\$	0.04
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.06)
Distribution Volumetric Rate	\$/kW	9.0221
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers	\$/kWh	0.0022
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	\$/kW	(0.9618)
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers -		
effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 -		
Approved on an Interim Basis	\$/kW	(1.1380)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.0221)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2020	\$/kW	15.9889
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) -		
effective until April 30, 2020	\$/kW	5.5286
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kW	(0.3701)
Rate Rider For ICM - effective until April 30, 2020	\$/kW	0.2367
Retail Transmission Rate - Network Service Rate	\$/kW	1.6836
MONTHLY RATES AND CHARGES - Regulatory Component		
Date Dider for Embadded Concretion Adjustment official until	\$/kWh	(0.0004)
Rate Rider for Embedded Generation Adjustment - effective until	\$/kWh	<mark>(0.0004)</mark> 0.0030
Wholesale Market Service Rate (WMS) - not including CBR Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0030
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0004
Standard Supply Service - Administrative Charge (if applicable)	\$/KVVII \$	0.0005
Standard Suppry Service - Aufinitistrative Sharge (il applicable)	φ	0.25

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

## microFIT SERVICE CLASSIFICATION

EB-2018-0219

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 and 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		
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
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	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect charge - at meter - during regular hours	\$	65.00
Disconnect/reconnect charge - at meter - after hours	\$	185.00
Disconnect/reconnect charge - at pole - during regular hours	\$	185.00
Disconnect/reconnect charge - at pole - after hours	\$	415.00
Install/remove load control device - during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

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

FB-2018-0219

Other	
Special meter reads	\$ 30.00
Service call - customer-owned equipment	Time & Materials
Service call - after regular hours	Time & Materials
Temporary service - install & remove - overhead - no transformer	Time & Materials
Temporary service - install & remove - underground - no transformer	Time & Materials
Temporary service - install & remove - overhead - with transformer	Time & Materials
Specific charge for access to the power poles - \$/pole/year	
Specific charge for access to the power poles - \$/pole/year	
(with the exception of wireless attachments) - in effect from January 1, 2019	\$ 43.63
Removal of overhead lines - during regular hours	Time & Materials
Removal of overhead lines - after hours	Time & Materials
Roadway escort - after regular hours	Time & Materials

## **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 Total Loss Factor - Primary Metered Customer < 5,000 kW 1.0385

## APPENDIX 2

Current Tariff of Rates and Charges

## **Incentive Regulation Model for 2019 File**

## PUC Distribution Inc.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date October 1, 2018

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

EB-2017-0071

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a single family unit, non-commercial. This can be a separately metered living accommodation, town house, apartment, semidetached, duplex, triplex or quadruplex with residential zoning. Class B consumers are defined on 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	\$	24.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(1.30)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$	(0.05)
Distribution Volumetric Rate	\$/kWh	0.0086
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective	Ð	
until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved		
on an Interim Basis	\$/kWh	(0.0032)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	<b>•</b> " ) • "	
until April 30, 2020	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined on 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	\$	20.73
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.86)
Distribution Volumetric Rate	\$/kWh	0.0248
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effective	ve	
until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved		
on an Interim Basis	\$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	9	
until April 30, 2020	\$/kWh	0.0019
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kWh	(0.0010)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# **Incentive Regulation Model for 2019 File**

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

This classification applies to a non residential account whose average monthly peak demand used for billing purposes over the past 12 months is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B consumers are defined on 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 WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

Service Charge	\$	114.46
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(4.74)
Distribution Volumetric Rate	\$/kW	6.7295
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effe	ective	
until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approv	ved	
on an Interim Basis	\$/kW	(1.2817)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.0258)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effect	tive	
until April 30, 2020	\$/kW	0.0962
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kW	(0.2734)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2694
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8541
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	¢/k/M/b	(0,0004)

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

## **Incentive Regulation Model for 2019 File** UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

# This classification applies to an account taking electricity at 750 volts or less whose average monthly 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 on 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	\$	12.69
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.53)
Distribution Volumetric Rate	\$/kWh	0.0383
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved		
on an Interim Basis	\$/kWh	(0.0032)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kWh	(0.0001)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective		
until April 30, 2020	\$/kWh	(0.0010)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kWh	(0.0016)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# **Incentive Regulation Model for 2019 File**

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification applies to safety/security lighting with a Residential or General Service customer. This is typically exterior lighting, and unmetered. Consumption is estimated based on the equipment rating and estimated hours of use. Class B consumers are defined on accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

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

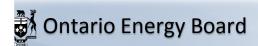
No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the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

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

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

Service Charge (per connection)	\$	3.55
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.15)
Distribution Volumetric Rate	\$/kW	33.1502
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved		
on an Interim Basis	\$/kW	(1.1433)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.0229)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective		
until April 30, 2020	\$/kW	(1.1660)
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kW	(1.3742)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7202
MONTHLY RATES AND CHARGES - Regulatory Component		

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



# **Incentive Regulation Model for 2019 File**

## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting 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 on 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)	\$	1.37
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$	(0.06)
Distribution Volumetric Rate	\$/kW	8.9284
Rate Rider for Disposition of Global Adjustment Account (2018) - Applicable only for Non-RPP Customers - effecti	ve	
until April 30, 2020 - Approved on an Interim Basis	\$/kWh	0.0004
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2018) - effective until April 30, 2020 - Approved	1	
on an Interim Basis	\$/kW	(1.1380)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2018) - effective until April 30, 2020	\$/kW	(0.0221)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective	e	
until April 30, 2020	\$/kW	5.5286
Rate Rider for Disposition of Tax Loss Carry-forward - effective until April 30, 2020	\$/kW	(0.3701)
Retail Transmission Rate - Network Service Rate	\$/kW	1.7116
MONTHLY RATES AND CHARGES - Regulatory Component		
Rate Rider for Embedded Generation Adjustment - effective until	\$/kWh	(0.0004)
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# **Incentive Regulation Model for 2019 File**

### microFIT SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and 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**

Account set up charge/change of occupancy charge (plus credit agency costs if applicable) Returned cheque (plus bank charges) Legal letter charge Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ \$ \$	30.00 15.00 15.00 30.00
Non-Payment of Account		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect charge - at meter - during regular hours	\$	65.00
Disconnect/reconnect charge - at meter - after hours	\$	185.00
Disconnect/reconnect charge - at pole - during regular hours	\$	185.00
Disconnect/reconnect charge - at pole - after hours	\$	415.00
Install/remove load control device - during regular hours Z. Current Tariff Schedule Install/remove load control device - after regular hours	\$ \$	65.00 ed Month day, Year 185.00

# **Incentive Regulation Model for 2019 File**

#### Other

Special meter reads	\$ 30.00
Service call - customer-owned equipment	Time & Materials
Service call - after regular hours	Time & Materials
Temporary service - install & remove - overhead - no transformer	Time & Materials
Temporary service - install & remove - underground - no transformer	Time & Materials
Temporary service - install & remove - overhead - with transformer	Time & Materials
Specific charge for access to the power poles - \$/pole/year	
(with the exception of wireless attachments) - in effect until December 31, 2018	\$ 28.09
Specific charge for access to the power poles - \$/pole/year	
(with the exception of wireless attachments) - in effect from January 1, 2019	\$ 43.63
Removal of overhead lines - during regular hours	Time & Materials
Removal of overhead lines - after hours	Time & Materials
Roadway escort - after regular hours	Time & Materials

### **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	1.0481
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0385

## APPENDIX 3

Bill Impacts

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP Consumption 750 kWh Demand - kW Current Loss Factor 1.0481 Proposed/Approved Loss Factor 1.0481

		Current OF	B-Approved	ł				Proposed				Im	pact
		ate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$	24.41		\$	24.41	\$	28.17		\$	28.17	\$	3.76	15.40%
Distribution Volumetric Rate	\$	0.0086	750		6.45	\$	0.0043	750		3.23	\$	(3.23)	-50.00%
Fixed Rate Riders	\$	(1.35)		\$	(1.35)		(0.52)	1	\$	(0.52)	\$	0.83	-61.48%
Volumetric Rate Riders	\$	0.0002	750		0.15	\$	0.0007	750			\$	0.38	250.00%
Sub-Total A (excluding pass through)				\$	29.66				\$	31.40		1.74	5.87%
Line Losses on Cost of Power	\$	0.0820	36	\$	2.96	\$	0.0820	36	\$	2.96	\$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.0032	750	\$	(2.40)	_\$	0.0067	750	\$	(5.03)	¢	(2.63)	109.38%
Riders	-Ψ	0.0002			(2.40)		0.0007			(0.00)	·	(2.00)	100.0070
CBR Class B Rate Riders	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
GA Rate Riders	\$	-		\$	-	\$	-	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%
	Ψ	0.07			0.07	•	0.07		Ψ	0.07	· ·	_	0.0070
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	-\$	0.0004	750	\$	(0.30)	-\$	0.0004	750	\$	(0.30)	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-				\$	30.49				\$	29.60	s	(0.88)	-2.90%
Total A)				•					*		•	、 /	
RTSR - Network	\$	0.0060	786	\$	4.72	\$	0.0059	786	\$	4.64	\$	(0.08)	-1.67%
RTSR - Connection and/or Line and	s	-	786	\$	-	\$	-	786	\$	_	\$	_	
Transformation Connection	Ψ	-	700	Ψ	-	Ψ	-	700	Ψ	-	Ψ	-	
Sub-Total C - Delivery (including Sub-				\$	35.20				\$	34.24	s	(0.96)	-2.74%
Total B)				Ψ	55.20				Ψ	J7.27	Ψ	(0.30)	-2.74/0
Wholesale Market Service Charge	s	0.0036	786	\$	2.83	\$	0.0034	786	\$	2.67	\$	(0.16)	-5.56%
(WMSC)	Ψ	0.0000	700	Ψ	2.00	Ψ	0.0034	700	Ψ	2.07	Ψ	(0.10)	-0.0070
Rural and Remote Rate Protection (RRRP)	s	0.0003	786	¢	0.24	\$	0.0005	786	\$	0.39	\$	0.16	66.67%
	Ψ			·		Ψ		700	Ψ		Ψ	0.10	
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)				\$	100.01				\$	99.05	\$	(0.96)	-0.96%
HST		13%		\$	13.00		13%		\$	12.88	\$	(0.13)	-0.96%
8% Rebate		8%		\$	(8.00)		8%		\$	(7.92)		0.08	
Total Bill on TOU				\$	105.01				\$	104.00	\$	(1.01)	-0.96%

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: Non-RPP (Retailer)

 RPP / Non-RPP: Non-RPP (Retailer)

 Consumption
 750
 kWh

 Demand
 kW

 Current Loss Factor
 1.0481

 Proposed/Approved Loss Factor
 1.0481

	Current O		Proposed	Impact				
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.41		\$ 24.41	\$ 28.17	1	\$ 28.17	\$ 3.76	15.40%
Distribution Volumetric Rate	\$ 0.0086	750		\$ 0.0043	750		\$ (3.23)	-50.00%
Fixed Rate Riders	\$ (1.35)		\$ (1.35)		1	\$ (0.52)		-61.48%
Volumetric Rate Riders	\$ 0.0002	750		\$ 0.0007	750		\$ 0.38	250.00%
Sub-Total A (excluding pass through)			\$ 29.66			\$ 31.40		5.87%
Line Losses on Cost of Power	\$ 0.1101	36	\$ 3.97	\$ 0.1101	36	\$ 3.97	\$-	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0032	750	\$ (2.40)	-\$ 0.0067	750	\$ (5.03)	\$ (2.63)	109.38%
Riders	• • • • • • • • • • • • • • • • • • • •		,	• • • • • • • • •		,	φ (2.00)	100.00 /0
CBR Class B Rate Riders	\$-	750	\$-	\$-	750	\$-	\$-	
GA Rate Riders	\$ 0.0004	750	\$ 0.30	\$ 0.0026	750	\$ 1.95	\$ 1.65	550.00%
Low Voltage Service Charge	\$ -	750	\$-		750	\$-	\$-	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$-	0.00%
	φ 0.37	'	φ 0.07	φ 0.57	'	ψ 0.57	Ψ -	0.0070
Additional Fixed Rate Riders	\$ -	1	\$-	\$-	1	\$-	\$-	
Additional Volumetric Rate Riders	-\$ 0.0004	750	\$ (0.30)	-\$ 0.0004	750	\$ (0.30)	\$-	0.00%
Sub-Total B - Distribution (includes Sub-			\$ 31.80			\$ 32.57	\$ 0.77	2.41%
Total A)			•			•		
RTSR - Network	\$ 0.0060	786	\$ 4.72	\$ 0.0059	786	\$ 4.64	\$ (0.08)	-1.67%
RTSR - Connection and/or Line and	s -	786	\$ -	s -	786	\$-	\$-	
Transformation Connection	а —	700	φ -	φ -	700	ф -	φ -	
Sub-Total C - Delivery (including Sub-			\$ 36.52			\$ 37.20	\$ 0.69	1.88%
Total B)			φ 30.52			φ 37.20	ş 0.09	1.00 /6
Wholesale Market Service Charge	\$ 0.0036	786	\$ 2.83	\$ 0.0034	786	\$ 2.67	\$ (0.16)	-5.56%
(WMSC)	\$ 0.0030	700	φ 2.00	φ 0.0034	700	ψ 2.07	φ (0.10)	-5.50 %
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	786	\$ 0.24	\$ 0.0005	786	\$ 0.39	\$ 0.16	66.67%
	\$ 0.0005	700	φ 0.24	φ 0.0005	700	ψ 0.09	φ 0.10	00.07 /0
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$-	0.00%
Total Bill on Non-RPP Avg. Price			\$ 122.16			\$ 122.85	\$ 0.69	0.56%
HST	13%		\$ 15.88	13%		\$ 15.97	\$ 0.09	0.56%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 138.04			\$ 138.82	\$ 0.78	0.56%

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

 RPP / Non-RPP:
 RPP

 Consumption
 2,000

 bemand

 KW

 Current Loss Factor
 1.0481

Current Loss Factor 1.0481 Proposed/Approved Loss Factor 1.0481

		Current OF	B-Approved		Proposed			Impact		
	Rate		Volume	Charge		Rate	Volume	Charge		
	(\$)			(\$)		(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	20.73	1		3			\$ 20.95		
Distribution Volumetric Rate	\$	0.0248	2000			\$ 0.0251	2000			
Fixed Rate Riders	\$	(0.86)	1	\$ (0.8		\$ (0.31)	1	\$ (0.31)		
Volumetric Rate Riders	\$	0.0008	2000	\$ 1.6		\$ 0.0023	2000		\$ 3.00	
Sub-Total A (excluding pass through)				\$ 71.0				\$ 75.44		
Line Losses on Cost of Power	\$	0.0820	96	\$ 7.8	89   8	\$ 0.0820	96	\$ 7.89	\$ -	0.00%
Total Deferral/Variance Account Rate	-\$	0.0032	2,000	\$ (6.4	10) -	\$ 0.0067	2,000	\$ (13.40)	\$ (7.00	109.38%
Riders		0.000-			<i>'</i>		,			,
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)	e	0.57	1	\$ 0.5	.7	\$ 0.57	1	\$ 0.57	s -	0.00%
	Ŷ	0.57	1	φ 0.0	"	φ 0.57	1	φ 0.57	φ -	0.00 %
Additional Fixed Rate Riders	\$	-	1	\$-		\$-	1	\$-	\$ -	
Additional Volumetric Rate Riders	-\$	0.0004	2,000	\$ (0.8	30) -	\$ 0.0004	2,000	\$ (0.80)	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-				\$ 72.3				\$ 69.70	\$ (2.63)	-3.64%
Total A)				۶ <i>12.</i> 3	55			a 09.70	\$ (2.63)	-3.04%
RTSR - Network	\$	0.0056	2,096	\$ 11.7	'4	\$ 0.0055	2,096	\$ 11.53	\$ (0.21)	-1.79%
RTSR - Connection and/or Line and	•		0,000	¢		•	0.000	•		
Transformation Connection	\$	-	2,096	\$-		\$-	2,096	\$-	\$ -	
Sub-Total C - Delivery (including Sub-				• • • • •	_				<b>a</b> ( <b>a a</b> )	0.000/
Total B)				\$ 84.0	"			\$ 81.23	\$ (2.84)	-3.38%
Wholesale Market Service Charge	•		0.000	* <u>-</u>			0.000		<b>a</b> (0.40)	5 500/
(WMSC)	\$	0.0036	2,096	\$ 7.5	5	\$ 0.0034	2,096	\$ 7.13	\$ (0.42)	-5.56%
Rural and Remote Rate Protection (RRRP)				•						
	\$	0.0003	2,096	\$ 0.6	53   5	\$ 0.0005	2,096	\$ 1.05	\$ 0.42	66.67%
Standard Supply Service Charge	s	0.25	1	\$ 0.2	25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	Ś	0.0650	1,300	\$ 84.5		\$ 0.0650	1,300	\$ 84.50		0.00%
TOU - Mid Peak	Ś	0.0940	340	\$ 31.9		\$ 0.0940	340	\$ 31.96		0.00%
TOU - On Peak	ŝ	0.1320	360	\$ 47.5		\$ 0.1320	360			0.00%
	_   <del>*</del>		230	÷ 11.0			500	÷ 11.02	I <del>T</del>	0.0070
Total Bill on TOU (before Taxes)				\$ 256.4	17			\$ 253.63	\$ (2.84)	-1.11%
HST		13%		\$ 33.3		13%		\$ 32.97		
8% Rebate		8%		\$ (20.5		8%		\$ (20.29)		
Total Bill on TOU		8%		\$ (20.0 \$ 269.2		8%		\$ (20.29) \$ 266.31		
				φ 209.4	.9			φ <u>∠00.31</u>	φ (2.98	-1.11%

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

RPP / Non-RPP:	Non-RPP (Reta	iler)
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Current O	EB-Approved	1		Proposed	Impact		
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 20.73		\$ 20.73			÷ 20.00	\$ 0.22	1.06%
Distribution Volumetric Rate	\$ 0.0248	2000		\$ 0.0251	2000		\$ 0.60	1.21%
Fixed Rate Riders	\$ (0.86)		\$ (0.86)		1		\$ 0.55	-63.95%
Volumetric Rate Riders	\$ 0.0008	2000		\$ 0.0023	2000		\$ 3.00	187.50%
Sub-Total A (excluding pass through)			\$ 71.07				\$ 4.37	6.15%
Line Losses on Cost of Power	\$ 0.1101	96	\$ 10.59	\$ 0.1101	96	\$ 10.59	\$-	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0032	2,000	\$ (6.40)	-\$ 0.0067	2,000	\$ (13.40)	\$ (7.00)	109.38%
Riders		· ·			,	,	φ (1.00)	100.0070
CBR Class B Rate Riders	- \$	2,000	\$ -	\$ -	2,000		\$ -	
GA Rate Riders	\$ 0.0004	2,000	\$ 0.80	\$ 0.0026	2,000		\$ 4.40	550.00%
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%
							Ψ.	0.0070
Additional Fixed Rate Riders	- \$	1	\$-	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	-\$ 0.0004	2,000	\$ (0.80)	-\$ 0.0004	2,000	\$ (0.80)	\$-	0.00%
Sub-Total B - Distribution (includes Sub-			\$ 75.83			\$ 77.60	\$ 1.77	2.33%
Total A)			•			-	· ·	
RTSR - Network	\$ 0.0056	2,096	\$ 11.74	\$ 0.0055	2,096	\$ 11.53	\$ (0.21)	-1.79%
RTSR - Connection and/or Line and	s -	2,096	\$-	\$ -	2,096	\$-	\$ -	
Transformation Connection	•	_,	•	*	_,	•	•	
Sub-Total C - Delivery (including Sub-			\$ 87.57			\$ 89.13	\$ 1.56	1.78%
Total B)			• ••••			• •••••	•	
Wholesale Market Service Charge	\$ 0.0036	2,096	\$ 7.55	\$ 0.0034	2,096	\$ 7.13	\$ (0.42)	-5.56%
(WMSC)		,			,		, ,	
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,096	\$ 0.63	\$ 0.0005	2,096	\$ 1.05	\$ 0.42	66.67%
		,	• • • • •		,	,		
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	2,000	\$ 220.20	\$ 0.1101	2,000	\$ 220.20	\$-	0.00%
				-				
Total Bill on Non-RPP Avg. Price			\$ 315.95			\$ 317.51		0.49%
HST	13%		\$ 41.07	13%		\$ 41.28	\$ 0.20	0.49%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			\$ 357.02			\$ 358.78	\$ 1.76	0.49%

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

RPP / Non-RPP:	Non-RPP (Othe	r)
Consumption	57,220	kWh
Demand	145	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Curren	OEB-Approve	d		Proposed			Impact				
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$ 114		1 \$	114.46		115.66	1	\$	115.66		1.20	1.05%
Distribution Volumetric Rate	\$ 6.72			975.78		6.8002	145		986.03		10.25	1.05%
Fixed Rate Riders		<b>74)</b> 1	1 \$	(4.74)		(1.71)	1	\$	(1.71)	\$	3.03	-63.92%
Volumetric Rate Riders	-\$ 0.20	<b>30</b> 145		(29.44)	\$	0.0857	145			\$	41.86	-142.22%
Sub-Total A (excluding pass through)			\$	1,056.06				\$	1,112.41		56.34	5.34%
Line Losses on Cost of Power	\$	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	-\$ 1.28	17 145	\$	(185.85)	-\$	2.6185	145	\$	(379.68)	\$	(193.84)	104.30%
Riders	•		1 ·	(100.00)	Ť	2.0100		۴.	(070.00)	Ψ	(100.01)	101.0070
CBR Class B Rate Riders	\$	145		-	\$	-	145	\$	-	\$	-	
GA Rate Riders	\$ 0.00	, -		22.89	\$	0.0026	57,220	\$	148.77	\$	125.88	550.00%
Low Voltage Service Charge	\$	145	\$	-			145	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	s	1	1 \$	_	¢		1	\$	-	¢	-	
	Ψ.		1	-	Ψ	-	'	۲,	-	Ψ	-	
Additional Fixed Rate Riders	\$		1 \$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	-\$ 0.00	<b>04</b> 57,220	\$	(22.89)	-\$	0.0004	57,220	\$	(22.89)	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-			\$	870.22				\$	858.61	\$	(11.61)	-1.33%
Total A)			Ť					Ť		•	、	
RTSR - Network	\$ 2.26	94 145	\$	329.06	\$	2.2323	145	\$	323.68	\$	(5.38)	-1.63%
RTSR - Connection and/or Line and	s	145	\$	_	\$	-	145	\$	-	\$	_	
Transformation Connection	÷	140	Ψ	_	Ŷ	_	140	Ψ	_	Ψ	_	
Sub-Total C - Delivery (including Sub-			\$	1,199,28				\$	1.182.29	\$	(16.99)	-1.42%
Total B)			Ť	.,				· ·	.,	•	(,	
Wholesale Market Service Charge	\$ 0.00	<b>36</b> 59,972	\$	215.90	\$	0.0034	59,972	\$	203.91	\$	(11.99)	-5.56%
(WMSC)		00,012	Ť	210.00	Ť.,		00,012	Ť	200.01	Ť	(1100)	0.0070
Rural and Remote Rate Protection (RRRP)	\$ 0.00	59,972	\$	17.99	\$	0.0005	59,972	\$	29.99	\$	11.99	66.67%
										·		
Standard Supply Service Charge			1 \$	0.25	\$	0.25	1	\$		\$	-	0.00%
Average IESO Wholesale Market Price	\$ 0.11	<b>01</b> 59,972	\$	6,602.95	\$	0.1101	59,972	\$	6,602.95	\$	-	0.00%
	-											
Total Bill on Average IESO Wholesale Market Price			\$	8,036.37				\$	8,019.38		(16.99)	-0.21%
HST	-	3%	\$	1,044.73		13%		\$	1,042.52		(2.21)	-0.21%
Total Bill on Average IESO Wholesale Market Price			\$	9,081.10				\$	9,061.90	\$	(19.20)	-0.21%

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

RPP / Non-RPP:	Non-RPP (Othe	r)
Consumption	57,220	kWh
Demand	145	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Currer	t OEB-Approve	ed				Proposed			Impact		
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 114		1 \$			115.66	1	\$	115.66		1.20	1.05%
Distribution Volumetric Rate	\$ 6.72		5 \$			6.8002	145		986.03		10.25	1.05%
Fixed Rate Riders		74) 1	1 \$	( /		(1.71)	1	\$	(1.71)		3.03	-63.92%
Volumetric Rate Riders	-\$ 0.2	30 145	5 \$		\$	0.0857	145			\$	41.86	-142.22%
Sub-Total A (excluding pass through)			\$					\$	1,112.41		56.34	5.34%
Line Losses on Cost of Power	\$	-	\$	-	\$		-	\$	-	\$	-	
Total Deferral/Variance Account Rate	-\$ 1.2	17 145	; \$	(185.85)	-\$	2.6185	145	\$	(379.68)	\$	(193.84)	104.30%
Riders	÷	-	1 ·	,	Ψ.	2.0100		· ·	(010.00)		(100.01)	101.0070
CBR Class B Rate Riders	\$	145			\$		145	\$	-	\$	-	
GA Rate Riders	\$ 0.0				\$	0.0026	57,220	\$	148.77	\$	125.88	550.00%
Low Voltage Service Charge	\$	145	i   \$	-			145	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	s	1	1 \$	_	¢		1	\$	_	\$	-	
			1.		Ť			Ť		Ŷ		
Additional Fixed Rate Riders	\$		1 \$		\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	-\$ 0.0	<b>04</b> 57,220	) \$	6 (22.89)	-\$	0.0004	57,220	\$	(22.89)	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-			\$	870.22				\$	858.61	\$	(11.61)	-1.33%
Total A)			-					•		•	, ,	
RTSR - Network	\$ 2.8	<b>41</b> 145	\$	413.84	\$	2.8074	145	\$	407.07	\$	(6.77)	-1.64%
RTSR - Connection and/or Line and	s	145	\$	-	\$		145	\$	-	\$	-	
Transformation Connection	÷		Ť		*			Ŧ		*		
Sub-Total C - Delivery (including Sub-			\$	1,284.06				\$	1,265.68	\$	(18.38)	-1.43%
Total B)			-						•	-	, ,	
Wholesale Market Service Charge	\$ 0.0	36 59,972	\$	215.90	\$	0.0034	59,972	\$	203.91	\$	(11.99)	-5.56%
(WMSC)							,			-	、 <i>、</i> /	
Rural and Remote Rate Protection (RRRP)	\$ 0.0	<b>03</b> 59,972	\$	17.99	\$	0.0005	59,972	\$	29.99	\$	11.99	66.67%
									0.05			0.000/
Standard Supply Service Charge			1 \$		\$	0.25	50.070	\$		\$	-	0.00%
Average IESO Wholesale Market Price	\$ 0.1	<b>01</b> 59,972	: \$	6,602.95	\$	0.1101	59,972	\$	6,602.95	\$	-	0.00%
				0.404.45							(10.00)	0.000/
Total Bill on Average IESO Wholesale Market Price			\$	8,121.15				\$	8,102.77		(18.38)	-0.23%
HST		3%	\$	,		13%		\$	1,053.36		(2.39)	-0.23%
Total Bill on Average IESO Wholesale Market Price			\$	9,176.90				\$	9,156.13	\$	(20.77)	-0.23%

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

RPP / Non-RPP:	Non-RPP (Othe	r)
Consumption	3,600	kWh
Demand	-	kW
Current Loss Factor	1.0481	
Proposed/Approved Loss Factor	1.0481	

	Current O	ł		Proposed	1	Impact		
	Rate	Volume	Charge	Rate	Volume	Charge		
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.69	1	\$ 12.69		1	Ψ 12.02		1.02%
Distribution Volumetric Rate	\$ 0.0383	3600			3600			1.04%
Fixed Rate Riders	\$ (0.53)		\$ (0.53)			\$ (0.19)		-64.15%
Volumetric Rate Riders	-\$ 0.0027	3600		-\$ 0.0021	3600			-22.22%
Sub-Total A (excluding pass through)			\$ 140.32			\$ 144.39		2.90%
Line Losses on Cost of Power	\$ 0.1101	173	\$ 19.06	\$ 0.1101	173	\$ 19.06	\$-	0.00%
Total Deferral/Variance Account Rate	-\$ 0.0032	3,600	\$ (11.52)	-\$ 0.0067	3,600	\$ (24.12)	\$ (12.60)	109.38%
Riders			,		,	,	(12.00)	
CBR Class B Rate Riders	\$-	3,600	\$-	\$-	3,600		\$-	
GA Rate Riders	\$-	3,600	\$-	\$-	3,600		\$-	
Low Voltage Service Charge	\$-	3,600	\$-		3,600	\$-	\$-	
Smart Meter Entity Charge (if applicable)	s _	1	\$ -	\$ -	1	\$	\$ _	
			Ť			Ψ	, v	
Additional Fixed Rate Riders	\$-	1	\$-	\$-	1	\$-	\$-	
Additional Volumetric Rate Riders	-\$ 0.0004	3,600	\$ (1.44)	-\$ 0.0004	3,600	\$ (1.44)	\$-	0.00%
Sub-Total B - Distribution (includes Sub-			\$ 146.42			\$ 137.89	\$ (8.53)	-5.83%
Total A)			•			-	,	
RTSR - Network	\$ 0.0056	3,773	\$ 21.13	\$ 0.0055	3,773	\$ 20.75	\$ (0.38)	-1.79%
RTSR - Connection and/or Line and	s -	3,773	\$ -	s -	3,773	\$-	s -	
Transformation Connection	•	0,110	•	•	0,0	Ÿ	*	
Sub-Total C - Delivery (including Sub-			\$ 167.55			\$ 158.65	\$ (8.91)	-5.32%
Total B)			• •••••			• •••••	• (000.7)	
Wholesale Market Service Charge	\$ 0.0036	3,773	\$ 13.58	\$ 0.0034	3,773	\$ 12.83	\$ (0.75)	-5.56%
(WMSC)		-,			-,			
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	3,773	\$ 1.13	\$ 0.0005	3,773	\$ 1.89	\$ 0.75	66.67%
		-,			-,			
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25		1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	3,600	\$ 396.36	\$ 0.1101	3,600	\$ 396.36	\$-	0.00%
				1				
Total Bill on Average IESO Wholesale Market Price			\$ 578.88			\$ 569.97		-1.54%
HST	13%		\$ 75.25	13%		\$ 74.10		-1.54%
Total Bill on Average IESO Wholesale Market Price			\$ 654.13			\$ 644.07	\$ (10.07)	-1.54%

Customer Class: SENTINEL LIGHTING SERVICE CLASSIFICATION

Non-RPP (Othe	r)
50	kWh
1	kW
1.0481	
1.0481	
	50 1 1.0481

	Current OEB-Approved							Proposed				Impact		
		Rate	Volume		Charge		Rate	Volume	Charge					
		(\$)			(\$)		(\$)			(\$)		Change	% Change	
Monthly Service Charge	\$	3.55	1	\$	3.55		3.59	1	\$	3.59		0.04	1.13%	
Distribution Volumetric Rate	\$	33.1502	1	\$	33.15		33.4983	1	\$	33.50		0.35	1.05%	
Fixed Rate Riders	\$	(0.15)	1	\$	(0.15)		(0.06)	1	\$	(0.06)		0.09	-60.00%	
Volumetric Rate Riders	-\$	2.5631	1	\$	(2.56)	-\$	2.1235	1	\$	(2.12)		0.44	-17.15%	
Sub-Total A (excluding pass through)				\$	33.99				\$	34.90		0.92	2.70%	
Line Losses on Cost of Power	\$	0.1101	2	\$	0.26	\$	0.1101	2	\$	0.26	\$	-	0.00%	
Total Deferral/Variance Account Rate	_e	1.1433	1	\$	(1.14)	_¢	2.3547	1	\$	(2.35)	¢	(1.21)	105.96%	
Riders	-•	1.1400	1	ΙΨ	(1.14)	Ψ	2.0047		ΙΨ	(2.00)	ļΨ	(1.21)	100.0070	
CBR Class B Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
GA Rate Riders	\$	-	50	\$	-	\$	-	50	\$	-	\$	-		
Low Voltage Service Charge	\$	-	1	\$	-			1	\$	-	\$	-		
Smart Meter Entity Charge (if applicable)	e		1	\$		\$	_	1	\$		¢	-		
	4	-	1	φ	-	φ	-	1	φ	-	φ	-		
Additional Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-		
Additional Volumetric Rate Riders	-\$	0.0004	50	\$	(0.02)	-\$	0.0004	50	\$	(0.02)	\$	-	0.00%	
Sub-Total B - Distribution (includes Sub-				\$	33.09				\$	32.79	s	(0.29)	-0.89%	
Total A)				•					·		Ť	. ,		
RTSR - Network	\$	1.7202	1	\$	1.72	\$	1.6921	1	\$	1.69	\$	(0.03)	-1.63%	
RTSR - Connection and/or Line and	e	_	1	\$	_	\$	_	1	\$	_	\$	_		
Transformation Connection	Ÿ	-		Ψ	-	Ψ	-		Ψ	-	Ψ	-		
Sub-Total C - Delivery (including Sub-				\$	34.81				\$	34.49	\$	(0.32)	-0.92%	
Total B)				Ψ	04.01				*	01.10	<u>۲</u>	(0.02)	0.0170	
Wholesale Market Service Charge	\$	0.0036	52	\$	0.19	\$	0.0034	52	\$	0.18	\$	(0.01)	-5.56%	
(WMSC)	•		02	Ť	0.10	•			Ť	0.10	Ť	(0.01)	0.0070	
Rural and Remote Rate Protection (RRRP)	\$	0.0003	52	\$	0.02	\$	0.0005	52	\$	0.03	\$	0.01	66.67%	
	L.		02	· ·				02				0.01		
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%	
Average IESO Wholesale Market Price	\$	0.1101	50	\$	5.51	\$	0.1101	50	\$	5.51	\$	-	0.00%	
Total Bill on Average IESO Wholesale Market Price				\$	40.77				\$	40.45		(0.32)	-0.79%	
HST		13%		\$	5.30		13%		\$	5.26	\$	(0.04)	-0.79%	
Total Bill on Average IESO Wholesale Market Price				\$	46.07				\$	45.70	\$	(0.36)	-0.79%	

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION										
RPP / Non-RPP:	Non-RPP (Ot	her)									
Consumption	199,85	2 kWh									
Demand	58	5 kW									
Current Loss Factor	1.04	31									
Proposed/Approved Loss Factor	1.04	31									

Rate         Volume         Charge         Rate         Volume         Charge         (\$)         Charge         (\$)         \$ Charge         (\$) </th
Monthly Service Charge       \$       1.37       8070       \$       11,055.90       \$       1.38       8070       \$       11,136.60       \$       80.70       0.7         Distribution Volumetric Rate       \$       8.9284       585       \$       5,223.11       \$       9.0221       585       \$       5,277.93       \$       54.81       1.0         Fixed Rate Riders       \$       (0.06)       1       \$       (0.06)       \$       \$       0.022       1       \$       (0.02)       \$       0.04       -66.6         Volumetric Rate Riders       \$       5.1364       585       \$       3,004.79       \$       21.3620       585       \$       12,496.77       \$       9,491.98       315.8         Sub-Total A (excluding pass through)       Ine Losses on Cost of Power       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$
Distribution Volumetric Rate       \$       8.9284       585       \$       5,227.7.93       \$       54.81       1.0         Fixed Rate Riders       \$       (0.06)       1       \$       (0.06)       1       \$       (0.02)       1       \$       (0.02)       \$       0.04       -66.6         Volumetric Rate Riders       \$       5.1364       555       \$       3.004.79       \$       21.3620       585       \$       12,496.77       \$       9,491.98       315.8         Sub-Total A (excluding pass through)       \$       \$       19,283.75       \$       \$       28,911.28       \$       9,627.53       49.9         Line Losses on Cost of Power       \$       -       -       \$       -       -       \$       -       >       -       \$       <
Fixed Rate Riders       \$       (0.06)       1       \$       (0.06)       \$       (0.02)       1       \$       (0.02)       \$       0.04       -66.6         Volumetric Rate Riders       \$       5.1364       585       \$       3,004.79       \$       21.3620       585       \$       12,496.77       \$       9,491.98       315.8         Sub-Total A (excluding pass through)       *
Volumetric Rate Riders       \$       5.1364       585       \$       3.04.79       \$       21.3620       585       \$       12,496.77       \$       9,491.98       315.8         Sub-Total A (excluding pass through)       *       *       19,283.75       *       \$       28,911.28       \$       9,627.53       49.9         Line Losses on Cost of Power       \$       -       \$       -       \$       -       \$       -       \$       -       \$       9,627.53       49.9         Line Losses on Cost of Power       \$       -
Sub-Total A (excluding pass through)       \$ 19,283.75       \$ 28,911.28       \$ 9,627.53       49.9         Line Losses on Cost of Power       \$ -
Line Losses on Cost of Power       \$       - <th< td=""></th<>
Total Deferral/Variance Account Rate       -\$       1.1380       585       \$       (665.73)       -\$       2.0998       585       \$       (1,228.38)       \$       (562.65)       84.5         Riders       \$       -       585       \$       -       \$       -       \$       -       \$       84.5         CBR Class B Rate Riders       \$       -       585       \$       -       \$       -       \$       -       \$       -       \$       6A Rate Riders       \$       0.0004       199,852       \$       79.94       \$       0.0026       199,852       \$       519.62       \$       439.67       550.0       \$       550.0       \$       585       \$       -       \$       -       \$       -       \$       550.0       \$       550.0       \$       550.0       \$       585       \$       -       \$       -       \$       -       \$       -       \$       550.0       \$       550.0       \$       \$       -       \$       -       \$       -       \$       -       \$       -       \$       550.0       \$       \$       550.0       \$       \$       -       \$       -       \$
Riders       -\$       1.1380       585       \$       (665.73)       -\$       2.0998       585       \$       (1,228.38)       \$       (562.65)       84.5         CBR Class B Rate Riders       \$       -       585       \$       -       \$       -       585       \$       -       \$       -       \$       64.5       585       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       64.5       \$       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       \$       550.0       \$       \$       -       \$       550.0       \$       \$       -       \$       -       \$       550.0       \$       \$       -       \$       550.0       \$       \$       -       \$       -       \$       -       \$       -       \$       550.0       \$       \$       -       \$       -       \$       -       \$
Riders       CBR Class B Rate Riders       \$       -       585       \$       -       585       \$       -       \$       -       585       \$       -       \$       550.0       \$       \$       -       \$       -       \$       -       \$       550.0       \$       \$       -       \$       -       \$       -       \$       550.0       \$       \$       -       \$       -       \$       -       \$       -       \$       550.0       \$       \$       -       \$       -       \$       -       \$       550.0       \$       \$       -
GA Rate Riders       \$       0.0004       199,852       \$       79.94       \$       0.0026       199,852       \$       519.62       \$       439.67       550.0         Low Voltage Service Charge       \$       -       585       \$       -       585       \$       -       585       \$       -       \$       -       \$       50.0       \$       50.0       \$       50.0       \$       50.0       \$       \$       -       \$       \$       -       \$       50.0       \$       \$       -       \$       \$       -       \$       50.0       \$       \$       -       \$       \$       -       \$       50.0       \$       \$       -       \$       -       \$       -       \$       50.0       \$       \$       -       \$       \$       -       \$       50.0       \$       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       -       \$       50.0       \$       \$       -       \$       -       \$       50.0       \$       \$       -       \$       -       \$       -       \$       -       \$
Low Voltage Service Charge         \$         -         585         \$         -         585         \$         - <th< td=""></th<>
Smart Meter Entity Charge (if applicable)       \$       -       1       \$       -       1       \$       -       \$       -
$\mathbf{b} = \begin{bmatrix} \mathbf{b} \\ \mathbf{b} \end{bmatrix} = \begin{bmatrix} \mathbf$
Additional Fixed Rate Riders \$ - 1 \$ - 1 \$ - 1 \$ - 1 \$ -
Additional Volumetric Rate Riders -\$ 0.0004   199,852 \$ (79.94) -\$ 0.0004   199,852 \$ (79.94) -\$ 0.0
Sub-Total B - Distribution (includes Sub-
Total A)
RTSR - Network \$ 1.7116 585 \$ 1,001.29 \$ 1.6836 585 \$ 984.91 \$ (16.38) -1.6
RTSR - Connection and/or Line and s - 585 s - 585 s - s -
I ransformation Connection
Sub-Total C - Delivery (including Sub-         \$ 19,619.30         \$ 29,107.48         \$ 9,488.17         48.3
Total B)
Wholesale Market Service Charge         \$         0.0036         209,465         \$         754.07         \$         0.0034         209,465         \$         712.18         \$         (41.89)         -5.5
(WMSC)
Rural and Remote Rate Protection (RRRP) <b>\$ 0.0003</b> 209,465 \$ 62.84 <b>\$ 0.0005</b> 209,465 \$ 104.73 <b>\$</b> 41.89 66.6
Standard Supply Service Charge         \$         0.25         1         \$         0.25         \$         0.25         \$         0.05
Average IESO Wholesale Market Price         \$         0.1101         209,465         \$         23,062.08         \$         0.1101         209,465         \$         23,062.08         \$         23,062.08         \$         -         0.0
Total Bill on Average IESO Wholesale Market Price         \$ 43,498.55         \$ 52,986.72         \$ 9,488.17         21.8
HST 13% \$ 5,654.81 13% \$ 6,888.27 \$ 1,233.46 21.8
Total Bill on Average IESO Wholesale Market Price         \$ 49,153.36         \$ 59,875.00         \$ 10,721.63         21.8

## APPENDIX 4

2019 PUC Rate Generator Model

# **Incentive Regulation Model for 2019 Filers**

Version

2.0

Utility Name	PUC Distribution Inc.	
Assigned EB Number	EB-2018-0219	
Name of Contact and Title	Andrew Belsito, Rates and Regulatory Affairs Officer	
Phone Number	705-759-3009	
Email Address	andrew.belsito@ssmpuc.com	
We are applying for rates effective	May 1, 2019	
Rate-Setting Method	Price Cap IR	
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2016	
Please indicate the last Cost of Service Re-Basing Year	2018	

#### Legend

Pale green cells represent input cells.

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

Pale grey cell represent auto-populated RRR data

White cells contain fixed values, automatically generated values or formulae.

#### Note:

1. Rate year of application

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

						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					0		
Smart Metering Entity Charge Variance Account	1551					0		
RSVA - Wholesale Market Service Charge⁵	1580					0		
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0		
Variance WMS – Sub-account CBR Class B⁵	1580					0		
RSVA - Retail Transmission Network Charge	1584					0		
RSVA - Retail Transmission Connection Charge	1586					0		
RSVA - Power <sup>4</sup>	1588					0		
RSVA - Global Adjustment <sup>4</sup>	1589					0		
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595					0		
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595					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		
RSVA - Global Adjustment	1589	0	(	0 0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(			0	0	0
Total Group 1 Balance		0	(	0 0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568							
Total including Account 1568		0	(	0 0	0	0	0	0

								2013						
	Disposition	Adjustments <sup>1</sup>	Amounts as of	Amounts as of Jan		Disposition during	Adjustments <sup>1</sup> during	Principal Balance as of	Interest Amounts as of		Disposition	Adjustments <sup>1</sup>	Amounts as of	Opening Principal Amounts as of Jan 1, 2014
			0					C						0
			0	-				C					C	0
			0	0				C	) C				C	0
			0					C					C	0
			0	-				0						0
			0	-				C					C	0
			0	0				C	) C				C	0
			0	0				C	) C				C	0
			0	-				C					C	0
			0	-				C					0	0
			0	-										0
0         0			0	-				C					C	0
0         0														
0       0														0
0         0			0	0				C C	, (	,			L L	0
	0	C	0	0	0									0
	0	0	0	0	0							•		0
	0	U	0		0	0	0	U	, L	, 0	0	U	, t	0
								C	)				C	0
	•	_						_						0

			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
			0	-				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	0			
			0	0				0	U			
(	0 0	0	0	0	0	0	0	0	0	C	) 0	0
(	0 C	0	0	0		0	0	0	0	C	) 0	0
(	o c	0	0	0	0	0	0	0	0	C	) 0	0
			0	0				0	0			
			0	0				0	0			
(	0 0	0	0	0	0	0	0	0	0	C	) 0	0

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
	_												
0	0				0	0	40.045		0	0	0	570	
0	0				0	0	10,945	(1.001.70.1)	22,894	33,839	0	576	(00,000)
0	0				0	0	(844,433)	(1,081,784)	(2,601,645)	(2,364,294)	0	(27,016)	(39,638)
0	0				0	0			0	0	0		
0	0				0	0	(00,400)	200.440	0	0	0	(547)	F 707
0	0				0	0	(20,198)	309,118	231,273 0	(98,043)	0	(517)	5,787
0	0				0	0	4,398,272	920,509	(4,092,079)	(614,316)	0	25,791	1,605
0	0				0	0	(103,639)	1,301,248	1,478,630	(014,310) 73,743	0	25,791	50,876
0	0				0	0	30,635	1,301,240	(24,219)	6,416	0	(89)	50,870
0	0				0	0	(22,537)		150,084	127,547	0	9,976	
0	0				0	-							
0	•				0	0	(640)		(550) 0	(1,190)	0	(10)	
0	0				0	-	705 500			0	-	(110.010)	
0	0				0	0	735,583		0	735,583	0	(116,319)	
0	0				0	0			0	0	0		
0	0				0	0			0	0	0		
0	0	0	0	0	0	0	(103,639)	1,301,248	1,478,630	73,743	0	27,142	50,876
0	0	0		0		0	4,287,627	147,843	(6,314,242)	(2,174,458)	0	(107,608)	(32,246)
0	0			0		0	4,183,988	1,449,091	(4,835,612)	(2,100,715)	0	(80,466)	18,630
0	0				0	0	(23)		(13,368)	(13,391)	0	(125)	
0	0	0	0	0	0	0	4,183,965	1,449,091	(4,848,980)	(2,114,106)	0	(80,591)	18,630

						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
0													
0 852	0 1,428	0 33,839	(10,758)			0 23,081	0 1,428	406			0 1,834	33,839	2,003
(46,255)	(33,633)	(2,364,294)	(980,234)			(3,344,528)	(33,633)	(32,178)			(65,811)	(2,364,294)	(73,826)
(40,200)	(00,000)	(2,304,294)	(5)			(5)	(55,055)	(32,170)			(00,011)	(2,004,204)	(73,020)
0	0	0	3,690			3,690	0	86			86		
7,326	1,022	(98,043)	(184,625)			(282,668)	1,022	(2,637)			(1,615)	(98,043)	(645)
0	0	0				0	0				0		
(15,288)	8,898	(614,316)	(1,012,943)			(1,627,259)	8,898	5,774			14,672	(614,316)	(1,545)
67,090	43,356	73,743	468,260			542,003	43,356	1,192			44,548	73,743	44,610
(6,325)	(6,414)	6,416				6,416	(6,414)				(6,414)		
(128,099)	(118,123)	127,547				127,547	(118,123)				(118,123)		
(57,852)	(57,862)	(1,190)				(1,190)	(57,862)	(15)			(57,877)	(1,190)	(57,882)
0	0	0				0	0				0		
0	(116,319)	735,583	(571,335)			164,248	(116,319)	3,838			(112,481)		
0	0	0				0	0				0		
0	0	0				0	0				0		
67,090	43,356	73,743	468,260	0	0	542,003	43,356	1,192	0	C	44,548	73,743	44,610
(245,641)	(321,003)	(2,174,458)	(2,756,209)	0		(4,930,667)	(321,003)	(24,726)	0	C		(3,044,004)	(131,895)
(178,551)	(277,647)	(2,100,715)	(2,287,950)	0	-	(4,388,665)	(277,647)	(23,534)	0	C	1	(2,970,261)	(87,285)
3,014	2,889	(13,391)	(96,469)	0		(109,860)	2,889	1,482			4,371	(467,015)	(14,704)
(175,537)	(274,758)	(2,114,106)	(2,384,419)	0	0	(4,498,525)	(274,758)	(22,052)	0	C	(296,810)	(3,437,276)	(101,989)

018		P	rojected Interest c	on Dec-31-17 B	alances	2.1.7 RRR	
Closing Principal Closing Interest Balances Balances as of Dec 31, as of Dec 31, 2017 2017 Adjusted for Adjusted for Disposition Disposition during 2018 during 2018		Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)
0	0			0		0 0	0
(10,758)	(169)	(200)	(1)	(370)	(11,12		0
(980,234)	8,015		58	(10,184)	(990,41	· ·	3,771
(500,201)	0,010	(0)		(0)	(000,11	0 (5)	0
3,690	86	69	1	155	3,84	- · · ·	0
(184,625)	(970)	(3,439)	(7)	(4,416)	(189,04		1
0	0			0		0 0	0
(1,012,943)	16,217	(18,866)	117	(2,532)	(1,015,47	5) (1,612,589)	(2)
468,260	(62)	8,721	(0)	8,659	476,9	9 586,550	(0)
6,416	(6,414)	119	(46)	(6,341)	Check to Dispose of Account	0 1	(1)
127,547	(118,123)			(118,123)	Theck to Dispose of Account 9,42	9,426	2
0	5		0	5	Check to Dispose of Account	0 (59,066)	1
0	0			0	Check to Dispose of Account	0 0	0
164,248	(112,481)	3,059	(814)	(110,235)	Theck to Dispose of Account 54,0	2 51,767	(0)
0	0			0	Check to Dispose of Account	0 0	0
0	0			0		0	0
468,260	(62)	8,721	(0)	8,659	476,9 <sup>-</sup>	9 586,550	(0)
(1,886,663)	(213,834)	(37,515)	(692)	(252,041)	(2,138,77	9) (5,276,393)	3
(1,418,404)	(213,896)	(28,793)	(693)	(243,382)	(1,661,86	1) (4,689,843)	3
357,155	19,075	6,652	138	25,865	383,02	20 (105,489)	(0)
(1,061,249)	(194,821)	(22,141)	(555)	(217,517)	(1,278,84	1) (4,795,332)	3

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

(\$1,278,841)

(\$1,661,861) (\$0.0027) 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)	Metered kW for Non-RPP Customers (excluding WMP)	Metered <mark>kWh</mark> for Wholesale Market Participants (WMP)	Metered <mark>kW</mark> for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption <i>(if applicable)</i>	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2013) <sup>1</sup>	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	282,820,547	0	10,407,717	0	C	0	282,820,547	0	48%	12%	133,119	29,803
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995	0	15,232,267	0	C	0	91,035,995	0	15%	6%	70,766	3,414
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	245,166,376	610,764	203,297,519	485,936	C	0	245,166,376	610,764	36%	80%	67,365	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713	0	0	0	C	0	907,713	0		0%	-360	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	213,661	619	0	0	C	0	213,661	619		0%	-272	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,398,221	7,030	2,271,157	6,658	C	0	2,398,221	7,030	1%	3%	112,402	
	Total	622,542,513	618,413	231,208,660	492,594	C	0	622,542,513	618,413	100%	100%	383,020	33,217

#### Threshold Test

Total Claim (including Account 1568)
Total Claim for Threshold Test (All Group 1 Accounts)
Threshold Test (Total claim per kWh) <sup>2</sup>

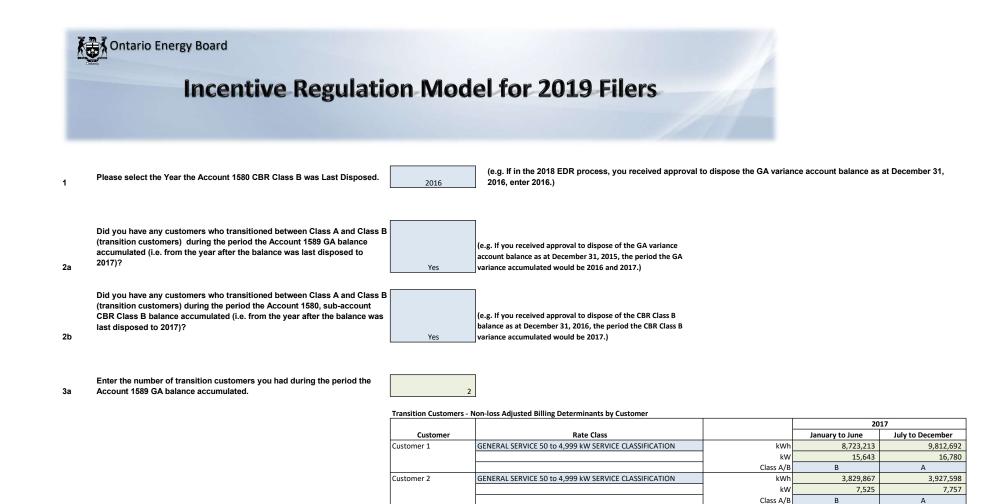
1568 Account Balance from Continuity Schedule 383,020 Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule

# **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)

Customer Numbers **	adjusted for									
	WMP	1550	1551	1580	1584	1586	1588	1595_(2013)	1595_(2016)	1568
6 89.79	6 45.4%	0	(9,985)	(448,199)	(85,881)	0	(461,329)	4,524	6,425	133,119
5 10.39	6 14.6%	0	(1,144)	(144,269)	(27,644)	0	(148,496)	1,414	2,975	70,766
6 0.09	6 39.4%	0	0	(388,527)	(74,447)	0	(399,909)	3,393	43,019	67,365
6 0.09	6 0.1%	0	0	(1,438)	(276)	0	(1,481)	0	6	(360)
6 0.09	6 0.0%	0	0	(339)	(65)	0	(349)	0	2	(272)
6 0.09	6 0.4%	0	0	(3,801)	(728)	0	(3,912)	94	1,585	112,402
100.09	6 100.0%	0	(11 128)	(986 572)	(189.040)	0	(1 015 475)	9 4 2 4	54 012	383,020
	%         10.39           %         0.09           %         0.09           %         0.09           %         0.09           %         0.09           %         0.09	%         10.3%         14.6%           %         0.0%         39.4%           %         0.0%         0.1%           %         0.0%         0.0%           %         0.0%         0.4%	%     10.3%     14.6%     0       %     0.0%     39.4%     0       %     0.0%     0.1%     0       %     0.0%     0.0%     0       %     0.0%     0.4%     0	%     10.3%     14.6%     0     (1,144)       %     0.0%     39.4%     0     0       %     0.0%     0.1%     0     0       %     0.0%     0.0%     0     0       %     0.0%     0.4%     0     0	%       10.3%       14.6%       0       (1,144)       (144,269)         %       0.0%       39.4%       0       0       (388,527)         %       0.0%       0.1%       0       0       (1,438)         %       0.0%       0.0%       0       0       (339)         %       0.0%       0.4%       0       0       (3,801)	%       10.3%       14.6%       0       (1,144)       (144,269)       (27,644)         %       0.0%       39.4%       0       0       (388,527)       (74,447)         %       0.0%       0.1%       0       0       (1,438)       (276)         %       0.0%       0.0%       0       0       (339)       (65)         %       0.0%       0.4%       0       0       (3,801)       (728)	%       10.3%       14.6%       0       (1,144)       (144,269)       (27,644)       0         %       0.0%       39.4%       0       0       (388,527)       (74,447)       0         %       0.0%       0.1%       0       0       (1,438)       (276)       0         %       0.0%       0.0%       0       0       (339)       (65)       0         %       0.0%       0.4%       0       0       (3,801)       (728)       0	%       10.3%       14.6%       0       (1,144)       (144,269)       (27,644)       0       (148,496)         %       0.0%       39.4%       0       0       (388,527)       (74,447)       0       (399,909)         %       0.0%       0.1%       0       0       (1,438)       (276)       0       (1,481)         %       0.0%       0.0%       0       0       (339)       (65)       0       (349)         %       0.0%       0.4%       0       0       (3,801)       (728)       0       (3,912)	%       10.3%       14.6%       0       (1,144)       (144,269)       (27,644)       0       (148,496)       1,414         %       0.0%       39.4%       0       0       (388,527)       (74,447)       0       (399,909)       3,393         %       0.0%       0.1%       0       0       (1,438)       (276)       0       (1,481)       0         %       0.0%       0.0%       0       0       (339)       (65)       0       (349)       0         %       0.0%       0.4%       0       0       (3,801)       (728)       0       (3,912)       94	%       10.3%       14.6%       0       (1,144)       (144,269)       (27,644)       0       (148,496)       1,414       2,975         %       0.0%       39.4%       0       0       (388,527)       (74,447)       0       (399,909)       3,393       43,019         %       0.0%       0.1%       0       0       (1,438)       (276)       0       (1,481)       0       6         %       0.0%       0.0%       0       0       (339)       (65)       0       (349)       0       2         %       0.0%       0.4%       0       0       (3,801)       (728)       0       (3,912)       94       1,585



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
---------------------	--	------

## **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

2016

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

		Total	2017	2016
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	217,468,371	217,468,371	
Transition Customers' Class B Consumption (i.e. full year or partial				
year)	В	12,553,080	12,553,080	-
Transition Customers' Portion of Total Consumption	C=B/A	5.77%		

#### Allocation of Total GA Balance \$

Total GA Balance	D	\$ 476,919
Transition Customers Portion of GA Balance	E=C*D	\$ 27,530
GA Balance to be disposed to Current Class B Customers through		
Rate Rider	F=D-E	\$ 449,389

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

# of Class A/B Transition Customers		2					
Customer	1	the Period WhenThey Were Class B	Metered Consumption (kWn) for Transition Customers During the Period When They Were Class B Customers in 2017	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2016		When They Were a Class B	Monthly Equal Payments
Customer 1		8,723,213	8,723,213	0	69.49%	\$ 19,130	\$ 1,594
Customer 2		3,829,867	3,829,867	0	30.51%	\$ 8,399	\$ 700
Total		12,553,080	12,553,080	0	100.00%	\$ 27,530	

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

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

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

		Total Metered Non-RPP 2017	Customers that were Class A for for Customers that Transitioned C the entire period GA blance Between Class A and B during the		Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition	Total GA \$ alloc to Current Clas			
		Consumption excluding WMP	accumulated	period GA balance accumulated	Customers' Consumption)	% of total kWh	Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	10,407,717	0	0	10,407,717	5.1%	\$22,825	\$0.0022	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	15,232,267	0	0	15,232,267	7.4%	\$33,405	\$0.0022	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	203,297,519	0	26,293,370	177,004,149	86.4%	\$388,179	\$0.0022	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,271,157	0	0	2,271,157	1.1%	\$4,981	\$0.0022	kWh
	Total	231,208,660	0	26,293,370	204,915,290	100.0%	\$449,390		



# **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. 2016

(Not

(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	608,802,224	608,802,224
Transition Customers' Class B Consumption (i.e. full year or partial	В	10 550 000	12 552 000
year)	_	12,553,080	12,553,080
Transition Customers' Portion of Total Consumption	C=B/A	2.06%	596,249,144

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

Total CBR Class B Balance	D	\$ 3,845
Transition Customers Portion of CBR Class B Balance	E=D*C	\$ 79
CBR Class B Balance to be disposed to Current Class B Customers		
through Rate Rider	F=D-E	\$ 3,766

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

# of Class A/B Transition Customers	2				
Customer	(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			Monthly Equal Payments
Customer 1	8,723,213	8,723,213	69.49%	\$ 55	\$5
Customer 2	3,829,867	3,829,867	30.51%	\$ 24	\$ 2
Total	12,553,080	12,553,080	100.00%	\$ 79	\$ 7

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

ast Disposed.			

		Total Metered 2017 Co	nsumption	A customers that were Clase entire period CBR Class		Total Metered 2017 Consumpt that Transitioned Between Cla		Metered Consumption for Cu Customers (Total Consumption L			Total CBR Class B \$ allocated to Current	CBR Class B Rate	
		Minus WMP		accumulated		the period CBR Class B bala	nce accumulated	A and Transition Customers' (	Consumption)	% of total kWh	Class B Customers	Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,820,547	0	Ö	0	0	0	282,820,547	0	47.4%	\$1,786	\$0.0000	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995	0	Ö	0	0	0	91,035,995	0	15.3%	\$575	\$0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	245,166,376	610,764	0	0	26,293,370	47,705	218,873,006	563,059	36.7%	\$1,382	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713	0	0	0	0	0	907,713	0	0.2%	\$6	\$0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	213,661	619	0	0	0	0	213,661	619	0.0%	\$1	\$0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,398,221	7,030	Ö	0	0	0	2,398,221	7,030	0.4%	\$15	\$0.0000	kW
	Total	622,542,513	618,413	0	0	26,293,370	47,705	596,249,143	570,708	100.0%	\$3,765	\$0.0000	

# **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 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
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,820,547	0	282,820,547	0	(994,445)		(0.0035)		0.0005
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995	0	91,035,995	0	(317,163)		(0.0035)		0.0008
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	245,166,376	610,764	245,166,376	610,764	(816,471)		(1.3368)		0.1103
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713	0	907,713	0	(3,189)		(0.0035)		(0.0004)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	213,661	619	213,661	619	(750)		(1.2114)		(0.4394)
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,398,221	7,030	2,398,221	7,030	(6,761)		(0.9618)		15.9889

# **Incentive Regulation Model for 2019 Filers**

### **Summary - Sharing of Tax Change Forecast Amounts**

For the 2018 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)	0		
1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2018		2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB- Approved Rate Base)	99,658,054	\$	99,658,054
Deduction from taxable capital up to \$15,000,000	\$ -	\$	-
Net Taxable Capital	\$ 99,658,054	\$	99,658,054
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	\$ 1,627,305	\$	1,627,305
Corporate Tax Rate	26.50%		26.50%
Tax Impact	\$ 431,236	\$	431,236
Grossed-up Tax Amount	\$ 586,716	\$	586,715
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 586,716	\$	586,715
Total Tax Related Amounts	\$ 586,716	\$	586,715
Incremental Tax Savings		-\$	1
Sharing of Tax Amount (50%)		-\$	0

## **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	29,816	288,323,799	0	24.41	0.0086	0.0000	8,733,703	2,479,585	0	11,213,287	77.9%	22.1%	0.0%	58.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	3,431	92,411,463	0	20.73	0.0248	0.0000	853,496	2,291,804	0	3,145,300	27.1%	72.9%	0.0%	16.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	357	244,620,598	614,743	114.46	0.0000	6.7295	490,347	0	4,136,913	4,627,260	10.6%	0.0%	89.4%	24.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	22	944,731	0	12.69	0.0383	0.0000	3,350	36,183	0	39,533	8.5%	91.5%	0.0%	0.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	354	209,800	593	3.55	0.0000	33.1502	15,080	0	19,658	34,738	43.4%	0.0%	56.6%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,070	2,398,221	7,030	1.37	0.0000	8.9284	132,671	0	62,767	195,437	67.9%	0.0%	32.1%	1.0%
Total		42,050	628,908,612	622,366				10,228,646	4,807,572	4,219,338	19,255,556				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	282,820,547		0	0.00	\$/customer	If the allocated tax sharing amount does not produce a rate rider in one
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	91,035,995		0	0.0000	kWh	or more rate class (except for the Standby rate class), a distributor is
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	245,166,376	610,764	0	0.0000	kW	required to transfer the entire OEB-approved tax sharing amount into
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	907,713		0	0.0000	kWh	account 1595 for disposition at a later date (see Filing Requirements,
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	213,661	619	0	0.0000	kW	Appendix B)
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,398,221	7,030	0	0.0000	kW	Appendix B)
Total		622,542,513	618,413	-\$0			

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# **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	0.0060	282,820,547	0	1.0481	296,424,215
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056	91,035,995	0	1.0481	95,414,826
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2694	156,256,535	409,679		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8541	88,909,841	201,085		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0056	907,713	0	1.0481	951,374
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7202	213,661	619		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.7116	2,398,221	7,030		

# **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
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	\$	-	\$	-	\$	-
		Historical 2017		Cu	rrent 2018	Fo	recast 2019
Low Voltage Switchgear Credit (if applicable, enter as a negative							

# **Incentive Regulation Model for 2019 Filers**

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

many or the hydro one cap-transmission rates (columns, the highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO		Network		Line Connec	tion		ation Connection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed Rate	Amount	Units Billed	Rate Amount	Amount
January	110,174	\$3.67	\$ 404,002	\$0.00			\$0.00	\$ -
February	111,451	\$3.67	\$ 408,701	\$0.00			\$0.00	\$ -
March	102,128	\$3.66	\$ 374,220	\$0.00			\$0.00	\$ -
April	84,902	\$3.66	\$ 311,063	\$0.00			\$0.00	\$ -
May	68,611	\$3.66	\$ 251,318	\$0.00			\$0.00	\$ -
June	62,520	\$3.66	\$ 229,003	\$0.00			\$0.00	\$ -
July	69,108	\$3.66	\$ 253,100	\$0.00			\$0.00	\$ -
August	66,719	\$3.66	\$ 244,250	\$0.00			\$0.00	\$ -
September	76,492	\$3.66	\$ 280,118	\$0.00			\$0.00	\$ -
October	71,624	\$3.66	\$ 262,334	\$0.00			\$0.00	\$ -
November	102,963	\$2.40	\$ 247,430	\$0.00			\$0.00	\$ -
December	118,249	\$4.50	\$ 532,074	\$0.00			\$0.00	\$ -
	,=		• ••=,••					·
Total	1,044,942 \$	3.63	\$ 3,797,613	- \$ -	\$ -	- \$	; - \$ -	\$ -
	1,011,012 \$	0.00	\$ 0,101,010	÷	<u> </u>		Ψ	÷
Hydro One		Network		Line Connec	tion	Transform	ation Connection	Total Connection
Hydro Olie		Network			tion	Transform		Total Connection
Month	11-11- D11- J	Dete	A	Halle Billed Date	A	II. St. Dill. J	Data Amazart	A
wonth	Units Billed	Rate	Amount	Units Billed Rate	Amount	Units Billed	Rate Amount	Amount
January		\$0.0000		\$0.0000			\$0.0000	\$ -
February		\$0.0000		\$0.0000			\$0.0000	\$ -
March		\$0.0000		\$0.0000			\$0.0000	\$ -
April		\$0.0000		\$0.0000			\$0.0000	\$ -
May		\$0.0000		\$0.0000			\$0.000	\$ -
June		\$0.0000		\$0.0000			\$0.0000	\$ -
July		\$0.0000		\$0.0000			\$0.0000	\$ -
August		\$0.0000		\$0.0000			\$0.0000	\$ -
September		\$0.0000		\$0.0000			\$0.0000	\$ -
October		\$0.0000		\$0.0000			\$0.0000	\$ -
November		\$0.0000		\$0.0000			0.000	\$ -
December		\$0.0000		\$0.0000			\$0.0000	\$ -
Booonibol		<b>\$0.0000</b>		<b>\$6.0000</b>				÷
Total	- \$	-	\$ -	- \$ -	\$ -	- \$	; - \$ -	\$ -
	Ŷ		Ŷ	÷	Ŷ		Ψ.	÷
Add Extra Host Here (I)		Network		Line Connec	tion	Transform	ation Connection	Total Connection
Add Extra Host Here (I) (if needed)		Network		Line Connec	tion	Transform	ation Connection	Total Connection
(if needed)	Units Billod		Amount					
	Units Billed	Network Rate	Amount	Line Connec Units Billed Rate	tion Amount	Transform Units Billed	Rate Amount	
(if needed) Month	Units Billed		Amount	Units Billed Rate		Units Billed	Rate Amount	Amount
(if needed) Month January	Units Billed		Amount	Units Billed Rate		Units Billed	Rate Amount	Amount \$-
(if needed) Month January February	Units Billed \$ \$		Amount	Units Billed Rate \$ - \$ -		Units Billed	Rate Amount	Amount \$ - \$ -
( <mark>if needed) Month</mark> January February March	Units Billed \$ \$		Amount	Units Billed Rate		Units Billed	Rate Amount	Amount \$ - \$ - \$ - \$ - \$ -
(if needed) Month January February	Units Billed \$ \$ \$ \$ \$		Amount	Units Billed Rate \$ - \$ -		Units Billed	Rate Amount	Amount \$ - \$ -
( <mark>if needed) Month</mark> January February March April	Units Billed \$ \$ \$ \$ \$		Amount	Units Billed Rate		Units Billed	Rate         Amount           6         -           6         -           6         -           6         -           6         -	Amount \$ - \$ - \$ - \$ - \$ -
(if needed) Month January February March April May	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Amount	Units Billed Rate		Units Billed	Rate         Amount           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$
(if needed) Month January February March April May June	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Amount	Units Billed Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	Amount       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -
(if needed) Month January February March April May June July	Units Billed		Amount	Units Billed Rate		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	Amount       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -
(if needed) Month January February March April May June July August	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Amount	Units Billed Rate		Units Billed	Rate         Amount           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -	S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -
(if needed) Month January February March April May June July August September	Units Billed		Amount	Units Billed Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -           S         -
(if needed) Month January February March April May June July August September October	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount	Units Billed Rate		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
(if needed) Month January February March April May June July August September October November	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount	Units Billed Rate		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -	S         -           S         -
(if needed) Month January February March April May June July August September October	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount	Units Billed Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -	S         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
(if needed) Month January February March April May June July August September October November December	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate - - - - - - - - - - - - - - - - - - -		Units Billed       Rate         \$       -	Amount	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           S         -
(if needed) Month January February March April May June July August September October November	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate - - - - - - - - - - - - - - - - - - -	Amount	Units Billed Rate		Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           S         -
(if needed) Month January February March April May June July August September October November December Total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate		Units Billed     Rate       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -	Amount	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
(if needed) Month January February March April May June July August September October November December December Total Add Extra Host Here (II)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate - - - - - - - - - - - - - - - - - - -		Units Billed       Rate         \$       -	Amount	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           S         -
(if needed) Month January February March April May June July August September October November December Total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate		Units Billed     Rate       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -	Amount	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
(if needed) Month January February March April May June July August September October November December December Total Add Extra Host Here (II)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate		Units Billed     Rate       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -       \$     -	Amount	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         Total Connection
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed)	- \$	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ - tion</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -</td><td>S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         Total Connection</td></t<>	Amount \$ - tion	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -	S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         Total Connection
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month	- \$	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ - tion</td><td>Units Billed</td><td>Rate     Amount       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       6     -       7     -       8     -       8     -</td><td>S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         Total Connection</td></t<>	Amount \$ - tion	Units Billed	Rate     Amount       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       5     -       6     -       7     -       8     -       8     -	S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         S       -         Total Connection
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Line Connect       Units Billed         \$       -         \$       -	Amount \$ - tion	Units Billed	Rate     Amount       5     -       5     -       5     -       5     -       5     -       5     -       5     -       6     -       6     -       6     -       6     -       6     -       6     -       6     -       7     \$       8     -	Amount         \$       -         \$
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         5           8         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10         -           11         -           12         -           13         -           14         -           15         -           16         -           17         -           18         -           19         -           10         -           10         -           10         -           10         -           10         -</td><td>Amount         \$       -</td></t<>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         5           8         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10         -           11         -           12         -           13         -           14         -           15         -           16         -           17         -           18         -           19         -           10         -           10         -           10         -           10         -           10         -	Amount         \$       -
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Connect       \$         Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       - </td <td>Amount \$ -</td> <td>Units Billed</td> <td>Rate         Amount           -         -</td> <td>Amount         \$       -</td>	Amount \$ -	Units Billed	Rate         Amount           -         -	Amount         \$       -
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Line Connect       \$         Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$ <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         8           8         -           10         Connection           8         -           5         -           5         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -</td><td>Amount         \$       -</td></t<>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         8           8         -           10         Connection           8         -           5         -           5         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -	Amount         \$       -
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed         Rate           \$         -           \$	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         5           8         -           9         -           10         Connection           Rate         Amount           5         -           5         -           5         -           5         -           6         -           6         -           6         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	Amount         \$       -         \$
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Line Connect       \$         Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$ <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         5           8         -           9         -           10         Connection           Rate         Amount           5         -           5         -           5         -           5         -           6         -           6         -           6         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -</td><td>Amount           \$         -      <tr td="">           \$         -</tr></td></t<>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         5           8         -           9         -           10         Connection           Rate         Amount           5         -           5         -           5         -           5         -           6         -           6         -           6         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -	Amount           \$         - <tr td="">           \$         -</tr>
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed         Rate           \$         -           \$	Amount \$ -	Units Billed	Rate         Amount           -         -      -         - <td>Amount         \$       -         \$</td>	Amount         \$       -         \$
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June June July	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Cunits Billed       Rate         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -      \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       - <td>Amount \$ -</td> <td>Units Billed</td> <td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           8         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -           8         -           6         -           7         -           8         -           6         -           7         -           8         -           7         &lt;</td> <td>Amount           \$         -      <tr td="">           \$         -</tr></td>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           8         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -           8         -           6         -           7         -           8         -           6         -           7         -           8         -           7         <	Amount           \$         - <tr td="">           \$         -</tr>
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June July August	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           9         -           10         Connection           8         -           5         -           5         -           6         -           6         -           6         -           7         \$           8         -           9         -           9         -           9         -           9         -           9         -           9         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10<!--</td--><td>Amount         \$       -         \$</td></td></t<>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           9         -           10         Connection           8         -           5         -           5         -           6         -           6         -           6         -           7         \$           8         -           9         -           9         -           9         -           9         -           9         -           9         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10 </td <td>Amount         \$       -         \$</td>	Amount         \$       -         \$
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -           8         -           6         -           7         -           8         -           6         -           7         -</td><td>Amount           \$         -      <t< td=""></t<></td></t<>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           6         -           7         -           8         -           6         -           7         -           8         -           6         -           7         -	Amount           \$         - <t< td=""></t<>
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October	- \$ Units Billed	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           -         -</td><td>Amount           \$         -      <t< td=""></t<></td></t<>	Amount \$ -	Units Billed	Rate         Amount           -         -	Amount           \$         - <t< td=""></t<>
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November	S S S S S S S S S S S S S S S S S S S	Rate	\$ -	Units Billed         Rate           \$         -           \$	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           8         -           6         -           6         -           7         \$           8         -           6         -           6         -           7         -           8         -           9         -           9         -           9         -           9         -           9         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10	Amount           \$         - <t< td=""></t<>
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October	- \$ Units Billed	Rate	\$ -	Units Billed       Rate         \$       - <t< td=""><td>Amount \$ -</td><td>Units Billed</td><td>Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           8         -           6         -           6         -           7         \$           8         -           6         -           6         -           7         -           8         -           9         -           9         -           9         -           9         -           9         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10</td><td>Amount           \$         -      <t< td=""></t<></td></t<>	Amount \$ -	Units Billed	Rate         Amount           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           5         -           6         -           7         \$           8         -           8         -           6         -           6         -           7         \$           8         -           6         -           6         -           7         -           8         -           9         -           9         -           9         -           9         -           9         -           9         -           10         -           10         -           10         -           10         -           10         -           10         -           10	Amount           \$         - <t< td=""></t<>
(if needed) Month January February March April May June July August September October November December Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November	- \$ Units Billed	Rate	\$ -	Units Billed         Rate           \$         -           \$	Amount \$ -	Units Billed	Rate         Amount           -         -	Amount           \$         - <t< td=""></t<>

# **Incentive Regulation Model for 2019 Filers**

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

match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

Total		Network						onne	ection		Transf	Total Connec			
Month	Units Billed		Rate		Amount	Units Billed	Rate			Amount	Units Billed	Rate	Amount	А	moui
January	110,174	\$	3.6670	\$	404,002	-	\$	-	\$	-	-	\$ -	\$ -	\$	
February	111,451	\$	3.6671	\$	408,701	-	\$	-	\$	-	-	\$ -	\$ -	\$	
March	102,128	\$	3.6642	\$	374,220	-	\$	-	\$	-	-	\$ -	\$ -	\$	
April	84,902	\$	3.6638	\$	311,063	-	\$	-	\$	-	-	\$ -	\$ -	\$	
May	68,611	\$	3.6629	\$	251,318	-	\$	-	\$	-	-	\$ -	\$ -	\$	
June	62,520	\$	3.6628	\$	229,003	-	\$	-	\$	-	-	\$ -	\$ -	\$	
July	69,108	\$	3.6624	\$	253,100	-	\$	-	\$	-	-	\$ -	\$ -	\$	
August	66,719	\$	3.6609	\$	244,250	-	\$	-	\$	-	-	\$ -	\$ -	\$	
September	76,492	\$	3.6620	\$	280,118	-	\$	-	\$	-	-	\$ -	\$ -	\$	
October	71,624	\$	3.6627	\$	262,334	-	\$	-	\$	-	-	\$ -	\$ -	\$	
November	102,963	\$	2.4031	\$	247,430	-	\$	-	\$	-	-	\$ -	\$ -	\$	
December	118,249	\$	4.4996	\$	532,074	-	\$	-	\$	-	-	\$ -	\$ -	\$	
Total	1,044,942	\$	3.63	\$	3,797,613	-	\$	-	\$	-		\$ -	\$ 	\$	

Low Voltage Switchgear Credit (if applicable)

\$

\$

Total including deduction for Low Voltage Switchgear Credit

# **Incentive Regulation Model for 2019 Filers**

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

IESO	Network			Lii	ne Connectio	n	Transfo	Total Connection		
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174			-	\$ 0.9500		-	\$ 2.3400		\$-
February	111,451			-		\$-	-	\$ 2.3400	\$-	\$-
March	102,128	\$ 3.6100		-		\$ -	-	\$ 2.3400	\$ -	\$ -
April	84,902	\$ 3.6100		-		\$ -	-	\$ 2.3400	\$ -	\$ -
May	68,611	\$ 3.610		-		\$ -	-	\$ 2.3400	\$ -	\$ -
June	62,520	\$ 3.6100		-		\$ -	-	\$ 2.3400	\$ -	\$ -
July	69,108	\$ 3.6100		-		\$-	-	\$ 2.3400	\$-	\$-
August	66,719	\$ 3.6100		-		\$ -	-	\$ 2.3400	\$ -	\$ -
September	76,492	\$ 3.6100		-		\$ -	-	\$ 2.3400	\$ -	\$ -
October	71,624	\$ 3.610		-		\$ -	-	\$ 2.3400	\$ -	\$ -
November	102,963	\$ 3.6100		-		\$-	-	\$ 2.3400	\$-	\$-
December	118,249	\$ 3.6100	) \$ 426,878	-	\$ 0.9500	\$-	-	\$ 2.3400	\$-	\$-
Total	1,044,942	\$ 3.6	1 \$ 3,772,239		\$ -	\$ -		\$ -	\$ -	\$ -
Hydro One		Network		Lii	ne Connectio	n	Transfo	rmation Co	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	2 \$ -	-	\$ 0.7710	\$-	-	\$ 1.7493	\$-	\$-
February	-	\$ 3.1942		-		\$-	-	\$ 1.7493	\$ -	\$ -
March	-	\$ 3.1942		-		\$-	-	\$ 1.7493	\$ -	\$ -
April	-	\$ 3.1942		-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
May	-	\$ 3.1942		-		\$-	-	\$ 1.7493	\$-	\$ -
June	-	\$ 3.1942		-		\$-	-	\$ 1.7493	\$-	\$ -
July	-	\$ 3.1942		-		÷ \$-		\$ 1.7493	\$-	\$ -
August	-	\$ 3.1942		-		s -	-	\$ 1.7493	\$ -	\$ -
September	-	\$ 3.1942		-		- \$-		\$ 1.7493	\$-	\$ -
October	-	\$ 3.1942		-		\$-	-	\$ 1.7493	\$ -	\$ -
November	-	\$ 3.1942		-		\$-	-	\$ 1.7493	\$ -	\$ -
December	-	\$ 3.1942		-		\$ -	-	\$ 1.7493	\$ -	\$ -
Total	-	\$-	\$-	-	\$-	\$-	-	\$-	\$-	\$ -
Add Extra Host Here (I)		Network		Lii	ne Connectio	n	Transfo	rmation Co	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -	\$-		\$ -	\$-		\$ -	\$ -	\$-
February	-	\$-	\$ -	-		\$-	-	\$-	\$ -	\$-
March	-	\$-	\$-	-		\$-	-	\$-	\$ -	\$ -
April	-	\$ -	\$ -	-		\$-	-	\$ -	\$ -	\$ -
May						÷ \$-	-	\$-	\$ -	\$ -
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	-	+		-	-	s -	-	\$ -	\$ -	\$ -
June	-	\$-	\$-	-	\$-	\$- \$-	-	Ţ	+	\$ - \$ -
June July	-	\$- \$-	\$ - \$ -		\$- \$-	\$-	-	\$- \$- \$-	\$-	\$ -
June July August	-	\$-	\$-		\$- \$- \$-	\$- \$-	-	\$ -	+	
June July August September		\$ - \$ - \$ - \$ -	\$- \$- \$- \$-		\$- \$- \$- \$- \$-	\$- \$- \$-		\$- \$- \$-	\$- \$- \$-	\$- \$- \$-
June July August September October		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	-	\$- \$- \$- \$- \$- \$-	\$- \$- \$- \$-		\$- \$- \$- \$- \$-	\$ - \$ - \$ - \$ -	\$- \$- \$- \$-
June July August September	-	\$ - \$ - \$ - \$ -	\$- \$- \$- \$-		- 	\$- \$- \$-	- - - - - -	\$- \$- \$-	\$- \$- \$-	\$- \$- \$-
June July August September October November	-	- - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	-	    - - - - - - -	\$- \$- \$- \$- \$- \$-	-	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$- \$- \$- \$- \$-
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June July August September October November December <b>Total</b> Add Extra Host Here (II) Month		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lii	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>E Connectio</b> Rate \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>nnection</b>	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Connection       Amount
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June July August September October November December <b>Total</b> Add Extra Host Here (II) Month January February	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$	Lii	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>E Connectio</b> <b>Rate</b> \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>mation Co</b> <b>Rate</b> \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
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June July August September October November December <b>Total</b> Add Extra Host Here (II) Month January February March April May June July August	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - s -	Lii	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo	\$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
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June July August September October November December <b>Total</b> Add Extra Host Here (II) Month January February March April May June July August September October November	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S       -         S      -	Lii	\$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>B</b> Connectio <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo	\$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$       -         \$       -
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June July August September October November December Total Add Extra Host Here (II) Month January February March April May June July June July August September October November December	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	s - s - s - s - s - s - s - s -	Lit Units Billed - - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	\$         -           \$         -	\$       -         \$       -      >	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Total Connection         Amount         \$       -
June July August September October November December <b>Total</b> Add Extra Host Here (II) Month January February March April May June July August September October November December Total	Units Billed - - - - - - - - - - - - - - - - - - -	\$	S       -         S       -	Lit Units Billed - - - - - - - - - - - - - - - - - - -	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Be Connection       Rate         \$       -      <	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	\$       -         \$       -      \$	\$       -         \$       -      >       -      >       -	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Total Connection         Amount         \$       -         \$ <t< td=""></t<>
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June July August September October November December <b>Total</b> Add Extra Host Here (II) Month January February March April May June July August September October November December <b>Total</b> Month January	Units Billed	\$	\$       -         <	Lit Units Billed - - - - - - - - - - - - - - - - - - -	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Be Connection       Rate         \$       -      <	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         Total Connection         Amount         \$       -         \$ <t< td=""></t<>
June July August September October November December <b>Total</b> Add Extra Host Here (II) Month January February February March April May June July August September October November December <b>Total</b> Month	Units Billed - - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$     -       \$     -    \$     -    \$ <td< td=""><td>Lit Units Billed - - - - - - - - - - - - - - - - - - -</td><td>\$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>E Connectio</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td><td>\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td><td>Transfo Units Billed - - - - - - - - - - - - - - - - - - -</td><td>\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         rmation Co         Rate         \$       -</td><td>\$     -       \$     -    \$     -    \$     <td< td=""><td>\$       -         \$</td></td<></td></td<>	Lit Units Billed - - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>E Connectio</b> <b>Rate</b> \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed - - - - - - - - - - - - - - - - - - -	\$       -         \$       -         \$       -         \$       -         \$       -         \$       -         \$       -         rmation Co         Rate         \$       -	\$     -       \$     -    \$     -    \$ <td< td=""><td>\$       -         \$</td></td<>	\$       -         \$

# **Incentive Regulation Model for 2019 Filers**

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

April	84,902	\$ 3.6100	\$ 306,497	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	68,611	\$ 3.6100	\$ 247,685	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	62,520	\$ 3.6100	\$ 225,699	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	69,108	\$ 3.6100	\$ 249,480	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	66,719	\$ 3.6100	\$ 240,854	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	76,492	\$ 3.6100	\$ 276,137	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	71,624	\$ 3.6100	\$ 258,563	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	102,963	\$ 3.6100	\$ 371,696	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	118,249	\$ 3.6100	\$ 426,878	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	1,044,942	\$ 3.61	\$ 3,772,239	 -	\$ -	\$ -	 -	\$ -	\$ -	\$ -

Low Voltage Switchgear Credit (if applicable)

Total including deduction for Low Voltage Switchgear Credit

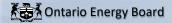
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\$ \$ Ontario Energy Board

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

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

IESO		Network		Li	ne Connectio	on	Transfo	rmation Cor	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	110,174	\$ 3.6100	\$ 397,727	-	\$ 0.9500	\$ -	-	\$ 2.3400	\$ -	\$ -
February	111,451		\$ 402,340	-	\$ 0.9500	\$ -	-	\$ 2.3400	\$-	\$-
March	102,128		\$ 368,683	-	\$ 0.9500	\$-	-	\$ 2.3400	\$-	\$-
April	84,902		\$ 306,497	-	\$ 0.9500	\$ -	-	\$ 2.3400	\$-	\$ -
May	68,611		\$ 247,685	-		\$ -	-	\$ 2.3400	\$-	\$ -
June	62,520		\$ 225,699	-		\$ -	-	\$ 2.3400	\$-	\$-
July	69,108		\$ 249,480	-		\$ -	-	\$ 2.3400	\$-	\$ -
August	66,719		\$ 240,854	-	\$ 0.9500	\$ -	-	\$ 2.3400	\$-	\$ -
September	76,492		\$ 276,137	-	\$ 0.9500	\$-	-	\$ 2.3400	\$-	\$-
October	71,624	\$ 3.6100	\$ 258,563	-	\$ 0.9500	\$ -	-	\$ 2.3400	\$-	\$ -
November	102,963	\$ 3.6100	\$ 371,696	-	\$ 0.9500	\$-	-	\$ 2.3400	\$-	\$-
December	118,249	\$ 3.6100	\$ 426,878	-	\$ 0.9500	\$-	-	\$ 2.3400	\$-	\$ -
Total	1,044,942	\$ 3.61	\$ 3,772,239	-	\$-	\$-	-	\$-	\$-	\$-
Hydro One		Network		Li	ne Connectio	on	Transfo	rmation Cor	nnection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$-	\$-
February	-		φ - \$ -	-		\$- \$-		\$ 1.7493	\$- \$-	\$ -
March	-		\$- \$-	-		⇒ - \$ -	-	\$ 1.7493 \$ 1.7493	s - \$ -	э - \$ -
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April	-		» - Տ -	-			-	\$ 1.7493 \$ 1.7493	» - Տ -	\$- \$-
May	-		\$- \$-	-		\$ - \$ -	-		\$- \$-	\$- \$-
June	-			-			-			
July	-		\$ - \$ -	-		\$ -	-	\$ 1.7493 \$ 1.7403	\$ -	\$ -
August	-			-		\$ -	-	\$ 1.7493	\$ -	\$ -
September	-		\$ -	-		\$ -	-	\$ 1.7493	\$ -	\$-
October	-		\$ -	-		\$ -	-	\$ 1.7493	\$ -	\$ -
November December	-	\$ 3.1942 \$ 3.1942	\$ - \$ -	-	\$ 0.7710 \$ 0.7710	\$- \$-	-	\$ 1.7493 \$ 1.7493	\$ - \$ -	\$- \$-
Total			\$ -			<del>•</del> \$ -		\$ -	\$ -	\$ -
Add Extra Host Here (I)		• Network	Ŷ	1;	ne Connectio		Transfo	rmation Cor		Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
Wonth	onits billed	Nate		Onits Billed			Onto Dileu			
lon:		¢	¢							
January	-		\$ -	-		\$ -	-	\$ -	\$ -	\$ -
February	-	\$-	\$ -	-	\$ -	\$ -	-	\$-	\$-	\$ -
February March	-	\$- \$-	\$ - \$ -	-	\$ - \$ -	\$ - \$ -	- -	\$- \$-	\$- \$-	\$ - \$ -
February March April	- - -	\$- \$- \$-	\$- \$- \$-	-	\$ - \$ - \$ -	\$- \$- \$-	- - -	\$- \$- \$-	\$- \$- \$-	\$- \$- \$-
February March April May		\$- \$- \$- \$-	\$ - \$ - \$ - \$ -	- - - -	\$ - \$ - \$ - \$ -	\$- \$- \$- \$-		\$- \$- \$- \$-	\$- \$- \$- \$-	\$ - \$ - \$ -
February March April May June		\$- \$- \$- \$- \$-	\$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$		\$- \$- \$- \$- \$-	\$ - \$ - \$ - \$ - \$ -	\$- \$- \$- \$- \$-
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## **Incentive Regulation Model for 2019 Filers**

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

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Low Voltage Switchgear Credit (if applicable)

\$

Total including deduction for Low Voltage Switchgear Credit

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

letwork Rates to recover current wholesale network costs.

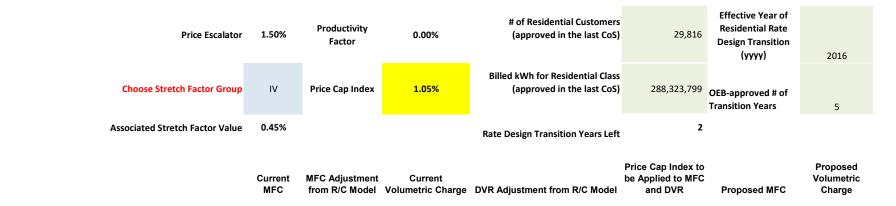
Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Wholesale Billing	Adjusted RTSR Network
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Ontario Energy Board

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.



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

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

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

#### Time-of-Use RPP Prices

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



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

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 "\$" 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.

### APPENDIX 5

SSM PUC 2017 LRAMVA Report



# PUC Distribution Inc. 2017 LRAMVA



## PUC Distribution Inc. lost revenue related to Conservation and Demand Management

2017



This document was prepared for PUC Distribution Inc. by IndEco Strategic Consulting Inc.

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IndEco report B8159

25 October 2018

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### Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive electricity local distribution companies (LDCs) may have to promote conservation and demand management (CDM) programs. CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs. These savings and reductions directly impact the LDC's revenue. The LRAM allows LDCs to be compensated for lost revenue that resulted from CDM programs the LDC offered to its customers.

Starting in 2011, the Ontario Energy Board (OEB) authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC's load forecast.<sup>1</sup>

PUC Distribution Inc. (PUC) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. PUC is required to use "the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation."<sup>2</sup> The final 2017 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, PUC may claim lost revenue from CDM programs up to and including 2017 in PUC's 2019 rate case (EB-2018-0219).

PUC disposed of lost revenues from 2011–2012 CDM programs in 2011–2012 in PUC's 2013 and 2014 rate cases. It disposed of lost revenues from 2013-2016 in its 2018 Cost of Service application.

PUC included the impacts of CDM in the load forecast for PUC's 2013 cost of service rate case and estimated the CDM savings in 2013.<sup>3</sup> The LRAMVA Threshold estimated from 2011–2013 CDM programs in 2013 is compared to the calculated lost revenue from verified final CDM results. The difference between these two is the LRAMVA value PUC is claiming for 2017. This report determines the variance account balance for the following revenue losses:

• Lost revenues in 2017 related to programs offered in 2011,

<sup>&</sup>lt;sup>1</sup> Guidelines for Electricity Distributor Conservation and Demand Management. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

<sup>&</sup>lt;sup>2</sup> Filing Requirements For Electricity Distribution Rate Applications - 2017 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service, Ontario Energy Board. July 14, 2017.

<sup>&</sup>lt;sup>3</sup> The LRAMVA Threshold is shown in Table 7 of the settlement agreement, which is appended to the OEB Decision and Order. (EB-2012-0162, p. 20 of the settlement agreement. Although the table is labeled as being only for 2012 and 2013 programs, the values shown are from Table 6 on the same page and include persistence from 2011, as well as from 2012 and 2013.

- Lost revenues in 2017 related to programs offered in 2012,
- Lost revenues in 2017 related to programs offered in 2013,
- Lost revenues in 2017 related to programs offered in 2014,
- Lost revenues in 2017 related to programs offered in 2015,
- Lost revenues in 2017 related to programs offered in 2016, and
- Lost revenues in 2017 related to programs offered in 2017.

The carrying charges on the above variances through April 2019 are also reported.

## Methodology

In principle, the determination of lost revenues is a simple calculation:

LR = (CDM results – CDM results in the load forecast) \* rate

In practice, it is somewhat more complicated than that because of the limitations of the information available to calculate CDM results, the different time periods of results data and the rate year, and the need to determine carrying charges on the lost revenues.

The most recent input assumptions currently available have been used to calculate the lost revenue values.

### **CDM RESULTS**

From 2011 through 2017, PUC offered provincial programs in partnership with the Independent Electricity System Operator (IESO). PUC did not offer custom programs beyond the IESO programs.

#### **IESO evaluation results**

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTGR), and then from those calculates net energy savings for each initiative or program. Peak load reductions are also calculated and reported in the same way.

Provincial results are allocated to individual LDCs based on each LDC's individual performance where possible, or through an allocation process.

The IESO reports energy savings and peak demand reductions, by initiative or program in the current year, adjustments to the previous years based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period. The savings and demand reductions for a particular year for a most programs persist for a number of years. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year.

These are the best, most definitive and defensible estimates of results associated with these programs and incorporate the most appropriate estimates of results from the measures installed.

However, these data have some limitations, and require some adjustments for use in lost revenue calculations.

#### Allocating results to rate classes

The IESO reports results by program or initiative. These only partially map onto rate classes. For programs that apply to more than one rate class, PUC staff estimated the split by rate class, drawing on participant-specific information where available. In 2015-2017, IESO provided a project spreadsheet showing net results for each project in project-based programs. PUC staff identified the rate class associated with the project and thus net savings and demand reductions were allocated to rate classes for those programs that span multiple rate classes.

#### Application of reported results

As previously mentioned, the IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported net energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the IESO reported net demand reductions are used to calculate lost revenues related to CDM results<sup>4</sup>. The demand reductions in the IESO reports should be multiplied by a multiplier based on the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year...In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."<sup>5</sup>

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month... Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be

<sup>&</sup>lt;sup>4</sup> The exception is street lighting retrofit projects. Street-lighting is billed by kW, but street lighting retrofit projects have no peak demand reductions associated with conservation measures. A special calculation is done for these, as described below.

<sup>&</sup>lt;sup>5</sup> Ontario Energy Board, Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs, EB-2017-0182, May 19, 2017, p. 4.

credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts."<sup>6</sup>

#### Load reductions accounted for in the load forecast

In recent years, LDCs have incorporated projected load losses that will result from CDM programs in their load forecasts, submitted as part of their Cost of Service applications. When determining actual lost revenues, these forecasted reductions in a particular year need to be deducted from load losses attributable to CDM programs in that year to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

#### Overall impact of CDM on load, by rate class

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally, the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were captured in forecast that immediately preceded the year being considered.

### **DISTRIBUTION RATES**

Revenue impacts to the LDC associated with CDM are calculated using the distribution volumetric rate. Most other rate components (e.g. service charges, global adjustment, transmission charges) are either fixed charges or pass-throughs for the utility that do not affect the LDC's revenues. An exception is for certain rate riders related to taxes, and these are added to the distribution volumetric rates for lost revenue calculations, where applicable.

For most electricity distribution utilities in Ontario, including PUC, distribution rates are set for the period from 1 May to 30 April of the next year. CDM results are reported as first-year savings for programs by calendar year, so average rates for the calendar year need to be calculated. For simplicity, the average rate is estimated based on the rate being four-twelfths of the previous year's rate (for January through April), and eight-twelfths of the current year's rate (for May through December).

### LOST REVENUES VARIANCE

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were

<sup>&</sup>lt;sup>6</sup> Ibid. p. 7.

reported.<sup>7</sup> The variance is the difference between these lost revenues and the quantity of CDM in the load forecast. The quantity of CDM in the load forecast is captured in 'the LRAMVA threshold'.<sup>8</sup>

Because these revenues are lost throughout the year and are only recovered through rate riders in subsequent years, the Ontario Energy Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB and published on the Board's website. The carrying charges are simple interest, not compounded, and are calculated on the monthly lost revenue balance. Because the IESO final results estimates are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. Thus, 1/12 of the annual results are allocated to each month of the year.

Carrying charges accrue from the time of the results, until disposition.

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

<sup>&</sup>lt;sup>7</sup> Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

<sup>&</sup>lt;sup>8</sup> The LRAMVA threshold also accounts for the IESO reports being based on first year savings, rather than calendar year savings.

### Results

Following the methodology described above, lost revenues were calculated for PUC. The results reference tables provided in the completed LRAMVA workform that uses the OEB's template.

### CDM RESULTS

#### IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by PUC. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for PUC Distribution Inc*. file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for PUC Distribution Inc*. file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for PUC Distribution Inc*. file released by the IESO on September 1, 2015. These data are reproduced in Table 4-a, b, c and d of the OEB workform for 2011, 2012, 2013, and 2014 respectively.

The net verified final 2015, 2016 and 2017 results, including adjustments in 2015 and 2016 provided after the final results for those years were released can be found in the "Net Incremental First Year Energy Savings" and "Net Incremental First Year Peak Demand Savings" sections of the "LDC Progress" tab in the 2017 *Final Results Report PUC Distribution Inc*. file released by the IESO on June 29, 2018. These data are reproduced in Table 5-a, 5-b and 5-c for 2015, 2016 and 2017, respectively.

The IESO provided PUC with persistence data for 2011-2014 results and 2011-2013 adjustments at the initiative level. The data provided are presented in Tables 4a – 4d of the OEB LRAMVA work form that is filed with this document.

The IESO provided persistence data for 2015, 2016 and 2017 as part of the standard results report. These are reproduced in Tables 5a, 5b and 5c on Tab 5 of the OEB workform.

#### Street lighting project

Starting in 2015, the City of Sault Ste. Marie undertook a project under the Retrofit Program to retrofit streetlights to a more energy efficient light emitting diode (LED) technology.

The IESO has included the calculated kilowatt hours (kWh) of energy savings from the street lighting project in PUC's 2015 and 2016 results. These values are presented in the table below:

Year	Gross savings (kWh)	Net to gross ratio	Net savings (kWh)
2015	106,605	0.86	91,702
2016	4,004,783	0.83	3,310,019

The street lighting account is billed based on kilowatts (kW) of demand. The street lighting retrofit project was implemented in stages and kW reductions were applied to the municipality's street lighting account starting in December 2015. The customer bills/billing data showing the value of 1,782 kW was used for billing prior to the street lighting upgrade and a value of 1,688.617 kW used for billing in December 2015 to reflect the first phase of the street lighting upgrade can be found on Tab 8 of the OEB LRAMVA workform. Other reductions in bills are shown on that tab, with the final adjustment made in July 2016, and applying to half of 2016. The monthly persistence of revenue losses in 2017 is the difference between the amount billed in December 2016 and the amount billed before the project was undertaken.

These changes in demand for billing purposes are not captured in the IESO report on reductions because that report only considers demand reductions during peak hours, when streetlights are not in use. Consequently, these changes have been calculated separately.

As the street lighting rate class is billed by kW, the calculated kWh savings from the Retrofit project do not impact PUC's revenue. Thus, the calculated kWh of savings have been manually removed from the 2015 and 2016 Retrofit program results for lost revenue calculations. The actual 2017 lost revenue from the persisting savings of street lighting retrofit projects has been calculated directly by multiplying the demand reduction from the project by the appropriate rate. These calculations appear on Tab 8 of the OEB LRAMVA workform.

#### Allocating results to rate classes

PUC provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit Incentive Program and High Performance New Construction. No allocation was provided for programs for which PUC has no program results.

PUC bills customers in different rate classes using different volumetric units, either kilowatt hours (kWh), or customer peak monthly kilowatts (kW). The rate classes (and billing units) for PUC are:

• Residential (kWh)

- GS <50 kW(kWh)
- GS 50 to 4,999 kW (kW)
- Unmetered Scattered Load (kWh)
- Sentinel Lighting (kW)
- Street Lighting (kW)

Table 4a (beginning at column Y) of the OEB LRAMVA work form shows the percentage allocation by rate class for the persistence of 2011 results and adjustments. Table 4b of the OEB LRAMVA work form shows the percentage allocation by rate class for the persistence of 2012 results and adjustments. Table 4c of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 4d of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Table 5-a and b of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 and 2017 results respectively. In each year the rate class allocation percentage totals for each program may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

### Load reductions accounted for in the load forecast

The cost of service application affecting 2017 results was filed for the 2013 rate year (EB-2012-0162). The load forecast associated with that application included a CDM adjustment to account for load losses from 2011 – 2013 CDM programs.<sup>9</sup> The LRAMVA Threshold amount was also included in that cost of service decision to estimate the impact of 2011–2013 CDM programs in 2013 that all parties agreed would be used for the variance calculation with the lost revenue from verified final CDM results.<sup>10</sup> Table 2-b of the OEB LRAMVA work form shows the estimates of load reductions, by rate class that were included at the time of the load forecast. PUC's previous cost of service application was filed for the 2008 rate year (EB-2007-0931). The load forecast associated with that application did not account for load losses from 2011 – 2014 CDM programs.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for PUC for each program by the allocation by rate class provides the

<sup>&</sup>lt;sup>9</sup> The CDM adjustment included the estimated impact of 50% of 2011, 100% of 2012, and 50% of 2013 CDM programs in 2013 and can be found in Settlement Table #5 on Page 19 of 85 of the Proposed Settlement Agreement in the Decision and Rate Order for EB-2012-0162, dated July 4, 2013.

<sup>&</sup>lt;sup>10</sup> The LRAMVA Threshold amount by rate class can be found in Settlement Table #7 on Page 20 of 85 of the Proposed Settlement Agreement in the Decision and Rate Order for EB-2012-0162, dated July 4, 2013. The text reference to the LRAMVA Threshold amount indicates that it only includes 2012 and 2013 results, but the preceding Table #6 shows that the LRAMVA Threshold amount included the estimated impact of 100% of 2011, 100% of 2012, and 100% of 2013 CDM programs in 2013 and will thus be compared to the verified final results for the same years. Similarly, the headings for Sentinel Lighting and Street Lighting have been reversed.

impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 4a of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 4b of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 4c of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 4d of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 4d of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Tables 5-a, 5-b and 5-c of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2015, 2016 and 2017, respectively.

### DISTRIBUTION RATES

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for PUC are shown in Table 3 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in 2017. Table 3-a of the OEB LRAMVA work form shows the pro-rated rates used for 2017. 2011-2016 rates were removed, as 2011-2012 LRAMVA was disposed in PUC's 2013 and 2014 rate cases, and 2013-2016 LRAMVA was disposed in PUC's 2018 cost of service application.

### LOST REVENUES

The lost revenues for each year by rate class for PUC calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for 2017 is based on the load impact for each rate class in 2017 multiplied by the rate for that rate class in that year. The load impact includes the impact of CDM programs in 2017 and the persistence of the CDM program impact from programs offered in 2011 through 2016 in 2017.

Table 1 of the OEB LRAMVA work form also shows the lost revenue in 2017 due to CDM activities accounted for in PUC's 2013 load forecast. The impact on PUC's revenue is the variance between what is calculated from final CDM program results and CDM results already accounted for in the load forecast.

### **CARRYING CHARGES**

The monthly carrying charges by rate class on PUC's lost revenue variance are shown in Table 6 of the OEB LRAMVA work form. The

carrying charges are reported monthly, from the time the lost revenues resulted (January 2017), through to April 30, 2019.

## Conclusions

The LRAMVA balance at the end of December 2017 for PUC that includes results from 2011 – 2017 CDM programs and adjustments to 2011 to 2016 results in 2012 – 2017 is \$371,239.17. The total carrying charges on this LRAMVA balance accumulated to April 30, 2019 are \$11,780.66. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$129,025	\$4,094	\$133,119
GS < 50 kW	\$68,589	\$2,177	\$70,766
GS 50 to 4,999 kW	\$65,293	\$2,072	\$67,365
Unmetered Scattered Load	-\$349	-\$11	-\$360
Sentinel Lighting	-\$264	-\$8	-\$272
Street Lighting	\$108,944	\$3,457	\$112,402
Total	\$371,239	\$11,781	\$383,020

NOTE: There are no LRAMVA or carrying charge values associated with rate classes not included in this table.

Where negative values are shown, that indicates that the actual reduction in load from CDM programs was less than the LRAMVA amount associated with the load forecast.



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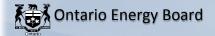
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### APPENDIX 6

SSM PUC 2019 LRAMVA Work Form



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

Version 3.0 (2019)

### Generic LRAMVA Work Forms

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

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

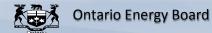
While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Ontario Energy Board

#### LRAMVA Work Form: Instructions

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Tab	Instructions
LRAMVA Checklist/Schematic Tat	The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components) but have been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and <b>p</b> listed below:
	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a.
	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form.
	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved.
	o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO.
	o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.
	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable.
	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:
	<ul> <li>Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.</li> </ul>
	<ul> <li>Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table.</li> </ul>
	<ul> <li>Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used.</li> </ul>
	<ul> <li>Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.</li> </ul>
	o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



## LRAMVA Work Form: Checklist and Schematic

#### 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

o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast wa
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
o Apply the IESO verified savings adjustments to the year it relates to.
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 a
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"			

#### Version 3.0 (2019)

was approved

applicable

Kar or	ntario Energy Board		
Ontanto		LRAMVA Work Form:	
		Summary Tab	
			Version 3.0 (2019)
Legend	User Inputs (Green)		

Auto Populated Cells (White) Instructions (Grey)

LDC Name PUC Distribution Inc.

#### Application Details

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

A. Previous LRAMVA Application			B. Current LRAMVA Application			C. Documentation o
Previous LRAMVA Application (EB#)	EB-2017-0071		Current LRAMVA Application (EB#)		EB-2018-0219	Original Amount
Application of Previous LRAMVA Claim	2018 COS		Application of Current LRAMVA Claim		2019 IRM	Amount for Final Disp
Period of LRAMVA Claimed in Previous Application	2013-2016		Period of New LRAMVA in this Application		2017	
Amount of LRAMVA Claimed in Previous Application	\$	475,676.53	Period of Rate Recovery (# years)			1
			Actual Lost Revenues (\$)	А	\$ 502,73	2
			Forecast Lost Revenues (\$)	в	\$ 131,49	2
			Carrying Charges (\$)	с	\$ 11,78	1
			LRAMVA (\$) for Account 1568	A-B+C	\$ 383,02	0

#### 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 Deterral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a should include projected carrying charges amounts as determined on a rate class basis form Table 1-b abox.

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	\$129,025	\$4,094	\$133,119
GS<50 kW	kWh	\$68,589	\$2,177	\$70,766
GS 50 to 4,999 kW	kW	\$65,293	\$2,072	\$67,365
Unmetered Scattered Load	kWh	-\$349	-\$11	-\$360
Sentinel Lighting	kW	-\$264	-\$8	-\$272
Street Lighting	kW	\$108,944	\$3,457	\$112,402
Total		\$371.239	\$11,781	\$383.020

#### 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 LRAWA 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 LRAWA from a prior year that has already been claimed cannot be included in the current LRAWA disposition, with the exception of the case noted below.

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Total
		kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
2011 Actuals	п	\$0.00	\$0.00	\$0.00	\$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		\$181,358.23	\$97,535.34	\$109,312.76	\$0.00	\$0.00	\$114,525.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$502,731.
2017 Forecast		(\$52,333.72)	(\$28,946.03)	(\$44,019.39)	(\$348.54)	(\$263.88)	(\$5,580.84)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$131,492
Amount Cleared																
Carrying Charges		\$4,094.38	\$2,176.57	\$2,071.98	(\$11.06)	(\$8.37)	\$3,457.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,780.6
otal LRAMVA Balance		\$133.119	\$70,766	\$67.365	-\$360	-\$272	\$112,402	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$383,02

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



## LRAMVA Work Form: Summary of Changes

Legend

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

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

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

No.	Tab	Cell Reference	Description	
1	2. LRAMVA Threshold	D24	Although a 2012 COS, rates only came into effect in 2013	Rates in calendar year 2012 did not account
2	3. Distribution Rates	Rows 124:129	Rates for 2011-2016 have been removed	LRAMVA for these years was already claime
3	5. 2015-2020 LRAM	Tables 5a, 5b and 5c	Rearranged programs to match IESO programs (drawing on new Tab 9)	Simplifies compoarison to IESO report, has
4	5. 2015-2020 LRAM	Table 5a, Rows 45, 46, 62, 63	Showed adjustments in 2015 from 2016 and 2017 separately	Facilitates comparison with IESO report
5	5. 2015-2020 LRAM	Rows 47 and 222	Streetlighting results subtracted from retrofit program	Separate calculation of streetlights because
6	5. 2015-2020 LRAM	AD 188, 201:205, 362, 376:3	Streetlight demand savings calculated separately from Tab 8	
7	6. Carrying Charges	C47:C48	Carrying charge rate estimated for Jan - April 2019 based on 2018 Q4 value	Actual rate not available yet
8	6. Carrying Charges	H139:H140	Carrying charges rate for May/June 2019 set to zero	Beyond period of claim
9	8. Streetlighting	New tab	Streetlighting revenue losses calculated separately based on actual billed amounts	IESO report not suitable for determining los
10	9. IESO Programs	New tab	List of IESO programs by number consistent with IESO 2017 final report	Used on Tab 5 to simplify and facilitate com
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.				

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#### Rationale

int for CDM

ned

is full list of programs, program names consistent with IESO r

se of way billed (kW), and IESO reports (0 kW savings)

ost revenues from streetlighting omparison with IESO final report

Ontario Energy Board		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	2008		

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

	Total	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0	0	0	0	0	0	0								
kW	0	0	0	0	0	0	0								
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Years Included in Threshold Source of Threshold															
Table 2-b. LRAMVA Thresh	old	2013													

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

	Total	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	9,399,060	4,550,758	1,365,379	3,362,279	11,657	3,394	105,593								
kW	8,701	0	0	8,396	0	10	295								
Summary		4550758	1365379	8396	11657	10	295	0	0	0	0	0	0	0	0

Years Included in Threshold 2011 actuals + 2012 +2013 equal allocation to meet target at end of 2014

Source of Threshold 2013 Cost of Service decision Settlement Table #7, p. 20, of the Decision and Order for EB-2012-0162, dated July 4, 2013.

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

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

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
		kWh	kWh	kW	kWh	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2014	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2015	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2016	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0
2017	2013	4,550,758	1,365,379	8,396	11,657	10	295	0	0	0	0	0	0	0	0

Note: 2013 Cost of Service decision Settlement Table #7, p.20 of the Decision and Order for EB-2012-0162, dated July 4, 2013. Note that Street Lighting and Sentinel Lighting were inadvertently switched in the source table, and corrected here. LRAMVA threshold incorporated 2011 results, so they are carried through in this application.



## LRAMVA Work Form: Distribution Rates

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

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

	Billing Unit	EB-2009-0247	EB-2010-0111	EB-2012-0084	EB-2012-0162	EB-2013-0167	EB-2014-0109	EB-2015-0098	EB-2016-0102	EB-2017-0071	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	7	6	4	4	4	4				
Period 2 (# months)		8	8	5	6	8	8	8	8	12	12	12	12
Residential		\$ 0.0150	\$ 0.0148	\$ 0.0148	\$ 0.0167	\$ 0.0169	\$ 0.0171	\$ 0.0137	\$ 0.0104				
Rate rider for tax sharing		¢ 0.0100	φ 0.0110	φ 0.0110	φ 0.0107	φ 0.0100	φ 0.0171	φ 0.0107	φ 0.0101				
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		\$ 0.0150	\$ 0.0148	\$ 0.0148	\$ 0.0167	\$ 0.0169	\$ 0.0171	\$ 0.0137	\$ 0.0104	\$-	\$-	\$-	
Calendar year equivalent		¢ 0.0100	\$ 0.0149									\$-	
calonidal your equivalent			• •••••	• •••••	• •••••	• •••••	• •••••	• •••••	•	Ŧ	Ŧ	Ŧ	
GS<50 kW		\$ 0.0177	\$ 0.0175	\$ 0.0176	\$ 0.0197	\$ 0.0200	\$ 0.0202	\$ 0.0203	\$ 0.0206				
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other								\$ 0.0001					
Adjusted rate		\$ 0.0177	\$ 0.0175	\$ 0.0176	\$ 0.0197	\$ 0.0200	\$ 0.0202	\$ 0.0204	\$ 0.0216	\$-	\$-	\$-	
Calendar year equivalent			\$ 0.0176	\$ 0.0175	\$ 0.0187	\$ 0.0199	\$ 0.0201	\$ 0.0203	\$ 0.0212	\$-	\$-	\$-	
GS 50 to 4,999 kW		\$ 4.3430	\$ 4.3209	\$ 4.3307	\$ 5.2254	\$ 5.2986	\$ 5.3595	\$ 5.3708	\$ 5.4473				
Rate rider for tax sharing				-									
Rate rider for foregone revenue	kW												
Other								\$ 0.0101	-\$ 0.2734				
Adjusted rate		\$ 4.3430	\$ 4.3209	\$ 4.3307	\$ 5.2254	\$ 5.2986	\$ 5.3595	\$ 5.3809	\$ 5.1739	\$-	\$-	\$-	
Calendar year equivalent			\$ 4.3283	\$ 4.3250	\$ 4.7781	\$ 5.2742	\$ 5.3392	\$ 5.3738	\$ 5.2429	\$-	\$-	\$-	1
Unmetered Scattered Load		\$ 0.0269	\$ 0.0267	\$ 0.0268	\$ 0.0299	\$ 0.0303	\$ 0.0306	\$ 0.0307	\$ 0.0311				
Rate rider for tax sharing		+	+	+	+	• •••••	+	• • • • • • • • • • • • • • • • • • • •	+				
Rate rider for foregone revenue	kWh												
Other								\$ 0.0001	-\$ 0.0016				
Adjusted rate		\$ 0.0269	\$ 0.0267	\$ 0.0268	\$ 0.0299	\$ 0.0303	\$ 0.0306				\$-	\$-	
Calendar year equivalent	l		\$ 0.0268						\$ 0.0299	\$ -	\$-	\$ -	
Sentinel Lighting		\$ 23.4679	\$ 23.2841	\$ 23.2764	\$ 26.2894	\$ 26.6575	\$ 26.9641	\$ 26.9643	\$ 27.4344				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other								\$ 0.0793					
Adjusted rate		\$ 23.4679	\$ 23.2841	\$ 23.2764	\$ 26.2894	\$ 26.6575	\$ 26.9641	\$ 27.0436	\$ 26.0602	\$-	\$-	\$-	
Calendar year equivalent			\$ 23.3454	\$ 23.2809	\$ 24.7829	\$ 26.5348	\$ 26.8619	\$ 27.0171	\$ 26.3880	\$-	\$-	\$-	
Street Lighting		\$ 16.4488	\$ 16.3194	\$ 16.3138	\$ 18.4267	\$ 18.6847	\$ 18.8996	\$ 18.9614	\$ 19.2356				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other								\$ 0.0620	-\$ 0.3701				
L	l												

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Note: 2012 rates were only implemented beginning in August

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 adjustments (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 and 5.

Year	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
	kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0
2011							\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012							\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013							\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014							\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015							\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016							\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0115	\$0.0212	\$5.2429	\$0.0299	\$26.3880	\$18.9181	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: Rates for 2011-2016 have been removed from the table as they are not part of this application



# 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.

Allocations are shown on Tab 4 and 5. Allocations are based on project specific information where available. For 2011-2015, allocations were estimated by PUC staff, drawing on gross savings in the IESO project database For 2016 and 2017, allocations are based on net results reported by IESO in the projects spreadsheet Legend

Instructions

### **LRAMVA Work Form:**

### 2011 - 2014 Lost Revenues Work Form

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

#### Tables Table 4-a. 2011 Lost Revenues

Table 4-b. 2012 Lost Revenues Table 4-c. 2013 Lost Revenues

### Table 4-d. 2014 Lost Revenues

### Table 4-a. 2011 Lost Revenues Work Form

		Net Energy Savings (kWh)			Net E	nergy Savings	Persister	ice (kWh)				Net Demand Savings (kW)			Net Pe	ak Demand	Savings Per	rsistence (k	(W)								Rate Allo	ocations for LRA	MVA						
Program	Results Status	2011	2012	2013	2014	2015	2016	2017 20	2018 201	19 2020	Monthly Multiplier	2011	2012	2013	2014	2015	2016	2017 :	2018 2019	2020	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Total
Consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up	115,083	115,083	115,083	114,577	81,088	0	0			<b>12</b> 12	17	17	17	17	11	0	0			kWh 100.00% 100.00%	kWh 0.00%	<b>kW</b> 0.00%	kWh 0.00%	<b>kW</b>	<b>kW</b>	0 0.00%	0 0.00%	0	0	0.00%	0 0.00%	0	0	100%
Appliance Exchange Adjustment to 2011 savings	Verified True-up	9,081	9,081	9,081	7,116	0	0	0			<b>12</b> 12	6	6	6	4	0	0	0			<b>100.00%</b> 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%
3 HVAC Incentives Adjustment to 2011 savings	Verified True-up	302,460 -30,798	302,460 -30,798				02,460 3 30,798 -		2,460 302,4	,460 302,460	<b>12</b> 12	148 -15	148 -15	148 -15	148 -15	148 -15	148 -15	148 -15	148 148	148	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%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up	166,010 2,395	166,010 2,395	2,395	2,395	2,205	1,997	1,573		,801 53,073	<b>12</b> 12	10 0	10 0	10 0	10 0	10 0	9	8	8 9	5	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>5</u> Bi-Annual Retailer Event Adjustment to 2011 savings <u>6</u> Retailer Co-op	Verified True-up Verified	255,303 18,968	255,303 18,968			233,328 2 18,968 1			',239 203,3	,221 65,212	12 12	15	15 1	15	15 1	14		10 0	10 12	6	100.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2011 savings <u>7</u> Residential Demand Response	True-up Verified										12 12										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 2011 savings <u>8</u> Residential Demand Response (IHD) Adjustment to 2011 savings	True-up Verified True-up										12 12										100.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
9 Residential New Construction     Adjustment to 2011 savings	Verified True-up										12 12 12										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%
Business Program 10 Retrofit Adjustment to 2011 savings	Verified True-up	724,440 428	724,440 428	724,440 428	724,440 428	724,440 7: 428	24,440 7 428	24,440 724 428	4,440 664,	,592 664,592	12 12	128 0	128 0	128 0	128 0	128 0	128 0	128 0	128 105	105	<b>0.00%</b>	<b>15.00%</b>	<b>85.00%</b> 85.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2011 savings	Verified True-up	576,898 5,936	574,836 5,936		468,028 5,936	468,028 4 5,936		92,060 91, 864	1,186 91,1	186 91,186	12 12	227 3	226 3	225 3	189 3	189 3		38 0	37 37	37	<b>0.00%</b> 0.00%	<b>100.00%</b> 100.00%	<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%	100%
12 Building Commissioning Adjustment to 2011 savings	Verified True-up										3 3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction Adjustment to 2011 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Energy Audit Adjustment to 2011 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Small Commercial Demand Response Adjustment to 2011 savings Small Commercial Demand Response (IHD)	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2011 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
17 Demand Response 3 Adjustment to 2011 savings Industrial Program	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%
18 Process & System Upgrades Adjustment to 2011 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Monitoring & Targeting Adjustment to 2011 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager Adjustment to 2011 savings 21 Retrofit	Verified True-up Verified										12 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%
Adjustment to 2011 savings 22 Demand Response 3	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 2011 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%	09/
23 Home Assistance Program Adjustment to 2011 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

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1																															
Aboriginal Program 24 Home Assistance Program	Verified														1																0%
Adjustment to 2011 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%	078
25 Direct Install Lighting	Verified							0																							0%
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%	
Pre-2011 Programs completed in 2011																															
26 Electricity Retrofit Incentive Program	Verified	91,066	91,066 91,066	91,066 91,066	6 91,066	91,066 91,06	6 91,066 91,066	12	16	16	16	16 1	6 16	6 16	16	16 16	0.00%	0.00%	100.00%												100%
Adjustment to 2011 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%	
27 High Performance New Construction	Verified	503,823	503,823 503,823				23 503,823 503,823	12	98	98	98	98 9	8 98	98	98	98 98	0.00%	0.00%	100.00%												100%
Adjustment to 2011 savings	True-up	-246,136	-246,136 -246,136	6 -246,136 -246,13	36 -246,136	-246,136		12	0	0	0	0 (	0 0	0			0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Toronto Comprehensive	Verified							0																							0%
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%	
29 Multifamily Energy Efficiency Rebates	Verified							0																							0%
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%	
30 LDC Custom Programs	Verified							0																							0%
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%	
Other																															
31 Program Enabled Savings	Verified							0																							0%
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%	
32 Time of Use Savings	Verified							0																							0%
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%	
33 LDC Pilots	Verified							12																							0%
Adjustment to 2011 savings	True-up							12							ļl.		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2011		2,494,957							653								838,502	691,564	2,666	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																	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2011 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	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2011																	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2011																															\$0.00
2011 Savings Persisting in 2012																	838,502	689,502	2,666	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013																	838,502	685,838	2,666	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014																	836,030	582,694	2,666	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015																	760,088	582,694	2,666	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016																	638,664	582,258	2,666	0	0	0	0	0	0	0	U	U	U	U	
2011 Savings Persisting in 2017																	549,381 567,938	201,654 199,852	2,666 2,669	U	U	U	U	U	U	U	U	U	U	U	
2011 Savings Persisting in 2018 2011 Savings Persisting in 2019																	567,938 641,483	199,852	2,669	0	0	0	0	0	0	0	U	U	0	0	
																				U	U	U	U	U	U	U	U	U	U	0	
2011 Sovinge Pereisting in 2020																	420 745	190.875	2 438	0	0	0	0	0	0	0	0	0	0		
2011 Savings Persisting in 2020 Note: LDC to make note of key assumptions includ																	420,745	190,875	2,438	0	0	0	0	0	0	0	0	0	0	0	

Table 4-b. 2012 Lost Revenues Work Form		teturn to top Net Energy											Net Deman	d																								
Des sugar	Results Status	Savings (kWI	1)			let Energy	Savings P	ersistence (H	(Wh)			Monthly	Savings (k)	V)			Net Pea	ak Deman	d Savings	Persistenc	e (kW)									Rate Alle	ocations for LRA	AMVA						
Program	nesulis Status	2012	2013	201	4 201	5 20	16 20	017 2018	3 2019	2020	2021	Multiplier	2012	2	013 2	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Loa	Sentinel Id Lighting	Street Lighting									Total
Consumer Program     Appliance Retirement     Adjustment to 2012 savings	Verified True-up	83,036	83,036	6 83,00	36 82,7	28 50,2	228	0				<b>12</b> 12	12 0		12 0	12 0	12 0	7 0						kWh 100.00% 100.00%	kWh 0.00% 0.00%	kW 0.00% 0.00%	kWh 0.00% 0.00%	<b>kW</b> 0.00%	<b>kW</b>	0	0 0.00%	0.00%	0.00%	0 0.00%	0	0	0	100%
Appliance Exchange Adjustment to 2012 savings	Verified True-up	21,501	21,501	1 21,50	01 21,4	84 0	0 0	0				<b>12</b> 12	12 0		12 0	12 0	12 0	0						<b>100.00%</b> 100.00%	<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%	100%
3 HVAC Incentives Adjustment to 2012 savings	Verified True-up	214,532 2,902	214,53 2,902						32 214,532	214,532	214,532	<b>12</b> 12	113 1	1	113 1	113 1	113 1	113 1	113 1	113	113	113	113	<b>100.00%</b> 100.00%	<b>0.00%</b>	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%	100%
<u>4</u> Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up	12,147	12,147	7 12,14	47 12,1	47 11,9	964 11,	964 5,63	4 5,603	5,603	5,603	<b>12</b> 12	2		2	2	2	2	2	2	2	2	2	<b>100.00%</b> 100.00%	<b>0.00%</b>	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%	100%
5 Bi-Annual Retailer Event Adjustment to 2012 savings	Verified True-up	232,665	232,66	5 232,6	65 232,6	665 209,	,151 170	1,070 116,0	05 115,764	115,764	58,799	<b>12</b> 12	13		13	13	13	12	10	7	7	7	5	<b>100.00%</b> 100.00%	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%	100%
6 Retailer Co-op Adjustment to 2012 savings	Verified True-up											<b>12</b> 12												100.00% 100.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>7</u> Residential Demand Response Adjustment to 2012 savings	Verified True-up											12 12												<b>100.00%</b> 100.00%	0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>8</u> Residential Demand Response (IHD) Adjustment to 2012 savings	Verified True-up											12 12												100.00% 100.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
9 Residential New Construction Adjustment to 2012 savings	Verified True-up											12 12												100.00% 100.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
10 Betrofit Adjustment to 2012 savings	Verified True-up	655,680 285,274	655,68 285,27				,680 586 ,274 285		62 579,962	541,595	448,844	12 12	148 60		148 60	148 60	148 60	148 60	127 60	126	126	116	101	<b>0%</b> 0.00%	<b>32%</b> 32.00%	<b>96%</b> 96.00%	<b>0.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	128%
11 Direct Install Lighting Adjustment to 2012 savings	Verified True-up	1,244,484 14,238	1,239,37 14,238						51 401,588	401,588	401,588	12 12	339 4	3	337 4	337 4	297 4	297 4	115 0	115	112	112	112	<b>0.00%</b>	<b>100%</b> 100.00%	<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%	100%
12 Building Commissioning Adjustment to 2012 savings	Verified True-up											3 3												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction 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%
14 Energy Audit 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%
15 Small Commercial Demand Response Adjustment to 2012 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) Adjustment to 2012 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
17 Demand Response 3 Adjustment to 2012 savings	Verified True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process & System Upgrades	Verified											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.000/	0.00%	0.00%	0.00%	0.000/	0.000/	0.00%	0.00%	0%
Adjustment to 2012 savings 19 Monitoring & Targeting Adjustment to 2012 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%
20 Energy Manager 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%
21 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%
												.=			i.													/0										

22 Demand Response 3 Adjustment to 2012 savings	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Home Assistance Program Home Assistance Program Adjustment to 2012 savings	Verified True-up	14,396 7,596	14,220 7,596			4,220 14, 7,462 7,0	,220 14,220 031	14,220	112 912		1	1	1	1	1	1	1	I 0	0	<b>100%</b> 100.00%	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%	100%
Aboriginal Program <u>24</u> Home Assistance Program Adjustment to 2012 savings	Verified True-up	0 0	0	0	0	0					0	0	0	0	0					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%
25 Direct Install Lighting Adjustment to 2012 savings	Verified True-up	0 0	0	0 0	0 0	0				0	0	0	0	0 0	0					<b>0.00%</b>	<b>0.00%</b>	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%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2012 savings	Verified True-up	0 0	0	0	0	0				12 12	0	0	0	0 0	0					<b>0.00%</b>	<b>0.00%</b> 0.00%	<b>0%</b> 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%
27 High Performance New Construction Adjustment to 2012 savings	Verified True-up	494,240 0	494,240 0	494,240 4 0	94,240 49 0	94,240 494 0	1,240 494,240	494,240 49	1,240 494,2	40 12 12	125 0	125 0	125 0	125 0	125 0	125	125 12	25 125	125	0.00% 0.00%	<b>0.00%</b>	<b>100.00%</b> 100.00%	<b>0.00%</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Toronto Comprehensive 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%
29 Multifamily Energy Efficiency Rebates 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%
30 LDC Custom Programs 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%
Other <u>31</u> 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%
32 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%
33 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		3,282,693									831									588,776 0	1,559,828 0	3,903 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																				\$0.00000 \$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 <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 <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 <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 <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>	\$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>
2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015 2012 Savings Persisting in 2016 2012 Savings Persisting in 2017 2012 Savings Persisting in 2018 2012 Savings Persisting in 2019 2012 Savings Persisting in 2020																				588,600 588,600 588,153 510,460 420,720 350,391 350,119 336,811	1,554,719 1,554,719 1,382,413 1,380,708 685,512 589,839 587,175 574,898	3,903 3,903 3,903 3,903 3,662 2,957 2,957 2,839	0 0 0 0 0 0 0											
Note: LDC to make note of key assumptions include	ed above																																	

Table 4-c. 2013 Lost Revenues Work Form

Table 4-c. 2013 Lost Revenues Work Form	n	Return to top	1							1		1																					
		Net Energy Savings (kWh)			Net Energ	gy Savings Per	sistence (kWh)	)			Net Dema Savings (k	nd W)		Net Pea	ak Demand Sa	vings Persistenc	e (kW)								Rate Alle	ocations for LRA	MVA						
Program	Results Status	2013	2014	2015	2016	2017 2018	8 2019	2020	2021 2022	Monthl Multipli 2		2014	2015	2016	2017 2	018 2019	2020 202	1 2022	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Total
Consumer Program     Appliance Retirement	Verified	69,658	69,658	69,658 6	9,351 3	38,843				12	11	11	11	11	6				kWh 100.00%	kWh 0.00%	kW 0.00%	kWh	kW	kW	0	0	0	0	0	0	0	0	100%
Adjustment to 2013 savings	True-up	0	0	0						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%	
<u>2</u> Appliance Exchange Adjustment to 2013 savings	Verified True-up	27,339 0	27,339	27,339 2 0	7,339	0				12 12	15 0	15	15	15	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%	0.00%	0.00%	100%
<u>3</u> HVAC Incentives Adjustment to 2013 savings	Verified True-up	261,120 10,916			i1,120 20 0,916 1	261,120 10,916				<b>12</b> 12	136 6	136 6	136 6	136 6	136 6				100.00% 100.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>4</u> Conservation Instant Coupon Booklet Adjustment to 2013 savings	Verified True-up	66,959 205	66,959 205			54,542 168				12 12	4 0	4	4	4	4 0				<b>100.00%</b> 100.00%	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%	100%
<u>5</u> Bi-Annual Retailer Event Adjustment to 2013 savings	Verified True-up	149,250 0	149,250	140,257 10	19,567 1	09,567				<b>12</b> 12	10 0	10	10	8	8				<b>100.00%</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%	100%
6 Retailer Co-op Adjustment to 2013 savings	Verified True-up	0	0	0	0					12	0	0	0	0					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>7</u> Residential Demand Response Adjustment to 2013 savings	Verified True-up	28	0	0	0	0				12	26	0	0	0	0				100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
8 Residential Demand Response (IHD)	Verified	0	0	0	0	0				12	0	0	0	0	0				100.00%	0.00%	0.00%												100%
Adjustment to 2013 savings <u>9</u> Residential New Construction	True-up Verified	0	0	0	0					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%	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%	
10 Retrofit Adjustment to 2013 savings	Verified True-up	673,976 303,111		625,283 56 303,111 30	5,227 5 3,111 2					12 12	162 41	147 41	147 41	127 41	121 34				0.00%	<b>15%</b> 15.00%	<b>85%</b> 85.00%	<b>0%</b> 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2013 savings	Verified True-up	1,355,476 0	1,351,795 0	1,338,641 1,1 0	39,219 4: 0	34,270				12 12	412 0	411	408	354	132				0.00%	<b>100%</b> 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%
12 Building Commissioning Adjustment to 2013 savings	Verified True-up	0 0	0	0	0					3	0	0	0	0					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%
13 New Construction Adjustment to 2013 savings	Verified True-up	0	0	0	0					12 12	0	0	0	0					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%
14 Energy Audit Adjustment to 2013 savings	Verified True-up	0 0	0	0	0					12 12	0	0	0	0					0.00%	0.00%	<b>0%</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%
15 Small Commercial Demand Response Adjustment to 2013 savings	Verified True-up	0	0	0	0						0	0	0	0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD)		0	0	0	0						0	0	0	0					0.00%	0.00%	0.00%	0.00%											0%
Adjustment to 2013 savings	True-up	0	0	0	0						0	0	0	0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3 Adjustment to 2013 savings	Verified True-up	0 0	0	0	0						0	0	0	0 0					0.00% 0.00%	<b>0.00%</b>	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%
Industrial Program 18 Process & System Upgrades Adjustment to 2013 savings	Verified True-up	0	0	0	0					12	0	0	0	0					0.00%	0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Monitoring & Targeting	Verified	0	0	0	0					12	0	0	0	0					0.00%	0.00%	0.00%	0.00%											0%
Adjustment to 2013 savings	True-up	0	0	0	U					12	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%	I

20 Energy Manager Adjustment to 2013 savings	Verified True-up	0	0 0 0 0	0 0			12 12	0	0 0	0	0 0			0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	
21 Retrofit Adjustment to 2013 savings	Verified True-up	0	0 0 0 0	0 0			12 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%	
22 Demand Response 3 Adjustment to 2013 savings	Verified True-up	0	0 0 0 0	0				0	0	0	0 0			0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	
Home Assistance Program Adjustment to 2013 savings	Verified True-up	189,719 49,243	182,959 182,34 48,069 47,96		151,938 42,772	-		15 9	15 9	15 9	14 9	13 8		<b>100%</b> 100.00%	<b>0.00%</b> 0.00%	<b>0.00%</b> 0.00%	<b>0.00%</b> 0.00%	0.00%	0.00%	0.00%	0.00%	
Aboriginal Program Home Assistance Program Adjustment to 2013 savings	Verified True-up													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%	
Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program Adjustment to 2013 savings	Verified True-up						12 12							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	834,398 -417,199	834,398 834,39 -417,199 -417,19				12 12	213 -107	213 -107	213 -107	213 -107	213 -107		<b>0.00%</b>	0.00% 0.00%	<b>100.00%</b> 100.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	
28 Toronto Comprehensive Adjustment to 2013 savings	Verified True-up						0							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%	
30 LDC Custom Programs Adjustment to 2013 savings	Verified True-up						0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other 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%	
32 Time of Use 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%	
33 LDC Pilots Adjustment to 2013 savings	Verified True-up						12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		3,574,198						955						824,437 4,550,758	1,502,039 1,365,379	3,353 8,396	0 11,657	0 10	0 295	0	0	
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013					·									\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018 2013 Savings Persisting in 2019 2013 Savings Persisting in 2020														816,475 804,171 737,655 669,866 0 0 0	1,491,054 1,477,900 1,269,470 557,692 0 0 0	3,193 3,193 2,996 2,856 0 0 0	0 0 0 0 0 0	0 0 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	led above																					

Table 4-d. 2014 Lost Revenues Work For	m	Return to Top																												
		Net Energy Savings (kWh)	,		Net	Energy Sa	vings Persi	stence (kW	/h)				Net Demand Savings (kW)			Net	Peak Dema	and Savings	Persisten	nce (kW)									Rate A	llocations for LRAMVA
Program	Results Status		2015	2016	2017	2018	2019	2020	2021	2022	2023	Monthly Multiplier	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
Consumer Program					Į.															Į.		Į.	kWh	kWh	kW	kWh	kW	kW	0	0
Appliance Retirement Adjustment to 2014 savings	Verified True-up	60,678	60,678	60,678	60,678							12 12	9	9	9	9							<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Appliance Exchange Adjustment to 2014 savings	Verified True-up	30,664	30,664	30,664	30,664							12 12	17	17	17	17							<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HVAC Incentives Adjustment to 2014 savings	Verified True-up	386,397	386,397	386,39	7 386,397							<b>12</b> 12	200	200	200	200							<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	248,925	231,812	223,40	6 223,406							<b>12</b> 12	19	17	17	17							<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	1,067,715	926,232	852,49	8 852,498							<b>12</b> 12	70	61	56	56							<b>100%</b> 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Retailer Co-op Adjustment to 2014 savings	Verified True-up											<b>12</b> 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Demand Response Adjustment to 2014 savings	Verified True-up	0	0	0	0							12 12	25	0	0	0							<b>100.00%</b> 100.00%	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											12 12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%
Business Program																														
Adjustment to 2014 savings	Verified True-up	582,106	582,106	582,10	6 576,495							12 12	85	85	85	83							0.00%	15% 15.00%	<b>85%</b> 85.00%	<b>0%</b> 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%
Direct Install Lighting Adjustment to 2014 savings	Verified True-up	1,013,083	984,768	931,83	4 650,325							12 12	297	289	274	190							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%
Building Commissioning Adjustment to 2014 savings	Verified True-up											3 3											0.00%	0.00% 0.00%	<b>0%</b> 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%
New Construction Adjustment to 2014 savings	Verified True-up	2,319 0	2,319 0	2,319 0	2,319							12 12	1	1	1	1							<b>0.00%</b>	<b>0.00%</b>	<b>100.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	0.00%
Energy Audit Adjustment to 2014 savings	Verified True-up											12 12											0.00%	0.00% 0.00%	<b>0%</b> 0.00%	<b>0.00%</b>	0.00%	<b>0.00%</b>	<b>0.00%</b>	0.00%
Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up																						<b>0.00%</b>	0.00%	0.00%	0.00% 0.00%	0.00%	<b>0.00%</b>	0.00%	0.00%
Small Commercial Demand Response (IHD)	) Verified																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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%
.,													1																	

						0%
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%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
						100%
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%	0.00%	0%
0.00%	0.0078	0.0078	0.0078	0.0078	0.0078	
0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
						100%
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%	0.00%	0%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
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%	0.00%	0%
0.0078	0.0076	0.0076	0.0076	0.0078	0.00 %	
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
				-	-	
0	0 0	0	0	0	0	
0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>	\$0.00000 \$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	0	0	0	0	0	
0 0	0	0	0	0	0	
0	0	ő	0	0	ő	
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	

						Total
0	0	0	0	0	0	
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
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%	100%
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%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
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%	100%
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%
						0%
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%	

Industrial Program																						1
18 Process & System Upgrades	Verified					12			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00%							0%
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%	
19 Monitoring & Targeting Adjustment to 2014 savings	Verified True-up					12			 0.00%	0.00%	0.00%				.00% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Aujustitient to 2014 savings	nue-up					12			0.00%	0.0076	0.00%	0.00 %	0.00 %	0.00%	.00% 0.00%	0.00 %	0.00%	0.00%	0.00 %	0.00%	0.00 %	
20 Energy Manager	Verified					12			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00%							0%
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%	
or Deterfit						10			0.000/	0.000/	0.000/	0.000/	0.000/	0.000/	0001							001
21 Retrofit Adjustment to 2014 savings	Verified True-up					12			0.00%	0.00%	0.00%	0.00%			.00% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Alguerment to 2011 outringo	nuo up				i		k.		 0.0070	0.0070	0.0070	0.0070	0.0070	0.0070		0.0070	0.0070	0.0070	0.0075	0.0070	0.0070	
22 Demand Response 3	Verified								0.00%	0.00%	0.00%				.00%							0%
Adjustment to 2014 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%	
Home Assistance Program																						
23 Home Assistance Program	Verified	126,249 125,786 1	12,091 107,098	/			15 15	14 14	100%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00%							100%
Adjustment to 2014 savings	True-up								100.00%	0.00%	0.00%	0.00%			.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Aboriginal Program 24 Home Assistance Program	Verified								0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00%							0%
Adjustment to 2014 savings	True-up								0.00%	0.00%	0.00%				.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	076
· -j				k																		
25 Direct Install Lighting	Verified					0			0.00%	0.00%	0.00%	0.00%			.00%							0%
Adjustment to 2014 savings	True-up					0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pre-2011 Programs completed in 2011																						
26 Electricity Retrofit Incentive Program	Verified					12			0.00%	0.00%	0.00%	0.00%			.00%							0%
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%	
27 High Performance New Construction	Verified					12			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00%							0%
Adjustment to 2014 savings	True-up					12			0.00%	0.00%	0.00%				.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%			.00% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings	nue-up					U			0.00%	0.00%	0.00%	0.00 %	0.00 %	0.00%	.00% 0.00%	0.00 %	0.00%	0.00%	0.00 %	0.00%	0.00 %	
29 Multifamily Energy Efficiency Rebates	Verified					0			0.00%	0.00%	0.00%				.00%							0%
Adjustment to 2014 savings	True-up					0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 LDC Custom Programs	Verified					0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00%							0%
Adjustment to 2014 savings	True-up					0			0.00%	0.00%	0.00%				.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Program Enabled Savings	Marified	235,188 0	0 0 0			0	0 0	0 0	100.00%	0.00%	0.00%	0.000/	0.00%	0.00% 0	.00%							1000/
Adjustment to 2014 savings	Verified True-up	233,166 0	0 0 0			0	0 0	0.0	100.00%	0.00%	0.00%	0.00%			.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
· -j																						
32 Time of Use Savings	Verified	0 0	0 0			0 2	230 0	0 0	0.00%	0.00%	0.00%				.00%							0%
Adjustment to 2014 savings	True-up					0			0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0	.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 LDC Pilots	1000																					0%
33 LDC FIIOIS	Verified					12																
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%	
Adjustment to 2014 savings		9 759 999				12 12	067						0.00%			0.00%	0.00%		0.00%			
Adjustment to 2014 savings Actual CDM Savings in 2014		3,753,323				12 12	967		0.00% 2,155,815 4,550,758	0.00% 1,100,398 1,365,379	0.00% 880 8,396	0.00% 0 11,657	0.00%	0.00% 0	00% 0.00% 0 0 0 0	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		3,753,323				12	967		2,155,815 4,550,758	1,100,398 1,365,379	880 8,396	0 11,657	0 10	0 295	0 0 0 0	0	0	0	0 0	0	0 0	
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014		3,753,323				12	967		2,155,815 4,550,758 \$0.00000	1,100,398 1,365,379 \$0.00000	880 8,396 \$0.00000	0 11,657 \$0.00000	0 10 0.00000 \$	0 295 0.00000 \$0	0 0 0 0	0 0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000	
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs		3,753,323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00	1,100,398 1,365,379 \$0.00000 \$0.00	880 8,396 \$0.00000 \$0.00	0 11,657 \$0.00000 \$0.00	0 10 0.00000 \$ \$0.00	0 295 0.00000 \$0 \$0.00 \$	0 0 0 0 00000 \$0.000 50.00 \$0.000	0 0 \$0.00000 \$0.00	0 0 \$0.00000 \$0.00	0 0 \$0.00000 \$0.00	0 0 \$0.00000 \$0.00	0 0 \$0.00000 \$0.00	0 0 \$0.00000 \$0.00	\$0.00 \$0.00
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014		3,753,323				12	967		2,155,815 4,550,758 \$0.00000	1,100,398 1,365,379 \$0.00000	880 8,396 \$0.00000	0 11,657 \$0.00000 \$0.00 \$0.00	0 10 0.00000 \$	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$	0 0 0 0	0 0 \$0.00000 \$0.00 \$0.00	0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000	0 0 \$0.00000 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2013 programs		3,753,323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,398 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.00000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$0.00 \$ \$0.00 \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$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 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2013 programs		3,753,323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,398 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 <b>\$0.00</b>
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014		3,753.323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,398 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.00000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$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>
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2013 programs		3,753,323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,398 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$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>
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014		3,753,323					967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,398 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b>	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$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>
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenue in 2014 from 2014 programs Total Lost Revenue in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014 2014 Savings Persisting in 2015		3,753,323					967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,338 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.000 \$0.00 \$0	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>
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Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2010 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 ERAMVA in 2014 2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017		3,753,323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,100,338 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           .00000         \$0.000         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 0 \$0.000 \$0.00 \$0	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 ERAMVA in 2014 2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018		3,753,323					967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,761,568 1,665,734	1,100,338 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           00000         \$0.000         \$0.000           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0         0         0	0 0 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.00000 \$0.00	0 0 \$0.000 \$0.00 \$0	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>
Adjustment to 2014 savings Actual CDM Savings in 2014 Forecast CDM Savings in 2014 Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 ERAMVA in 2014 2014 Savings Persisting in 2015 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018		3,753.323				12	967		2,155,815 4,550,758 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,761,568 1,665,734	1,100,338 1,365,379 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	880 8,396 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 11,657 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 10 0.000000 \$ \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 295 0.00000 \$0 \$0.00 \$ \$0.00 \$ \$	0         0         0           0         0         0           00000         \$0.000         \$0.000           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0.00         \$0.00         \$0.00           0         0         0	0 0 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 0 0	0 0 \$0.00000 \$0.00	0 0 \$0.000 \$0.00 \$0	\$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>

Ontario Energy Board

**LRAMVA Work Form:** 

### 2015 - 2020 Lost Revenues Work Form

Legend

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

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.







#### Table 5-a. 2015 Lost Revenues Work Form

Table 5-a. 2015 Lost Revenues work Forn	1	Net Energy											Net Deman	d																							
		Savings (kWh	)		Net	Energy Sa	vings Persis	tence (kW	ו)				Savings (k)			Net Pea	ik Deman	d Savings F	ersistenc	e (kW)									Rate Alloc	cations for LRA	MVA						
Program	Results Status	2015	2016	2017	2018	2019	2020	2021	2022	2023		Monthly Iultiplier	2015	2016	2017	2018	2019	2020	2021	2022	2023 2024	Residential	GS<5	50 kW G	iS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Total
1 Save on Energy Coupon Program	Verified	194,239	192.334	192,334	192,334	192,334	192,334	192.334	192 251	192,251 1	92 251	0	13	13	13	13	13	13	13	13	13 13	kWh 100.00%	kW	Vh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	100%
Adjustment to 2015 savings	True-up	71,801								70,692		0	5	5	5	5	5	5	5	5	5 5	100.00%	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%	
3 Save on Energy Heating & Cooling Program	Verified	49,673	49,673	49,673	49,673	49,673	49,673	49,673	49,673	49,673	19,673	0	25	25	25	25	25	25	25	25	25 25	100.00%															100%
Adjustment to 2015 savings	True-up	6,311	6,311	6,311	6,311	6,311	6,311	6,311	6,311	6,311	6,311	0	3	3	3	3	3	3	3	3	3 3	100.00%	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%	
, ,	Verified 2016 True-up 2017 True-up	-1,385	529,337 86,827	527,481 88,683	527,481 88,683	527,481 88,683	88,683			523,051 5 93,113		12 12 12	84 0	56 27	55 28	55 28	55 28	55 28	55 28		55 54 28 28	0.00%	5.2 5.2 5.2	6% 6%	94.74% 94.74% 94.74%												100%
	Streetlighting		-91,702 24,529			-91,702	-91,702	-91,702	0	0	0	12	4	4	4	4	2					0.00%	5.2	6%	94.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1000/
67 Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up	24,529	24,529	24,529	24,529	13,837	U	U	U	U	U	0	4	4	4	4	2	U	U	U	0	100.00%	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%	100%
68 Coupon Initiative Adjustment to 2015 savings	Verified True-up	272,944 5,296	270,402 5,227	270,402 5,227	270,402 5,227	270,402 5,227				270,344 2 5,225	70,344 5,225	0	18 0	17 0	17 0	17 0	17 0	17 0	17 0	17 0	17 0	<b>100.00%</b>	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%	100%
69 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up	775,374 1,790	761,544 1,775	761,544 1,775		761,544 1,775				761,177 7 1,774		0	52 0	52 0	52 0	52 0	52 0	52 0	52 0	52 0	52 0	<b>100.00%</b>	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%	100%
70 HVAC Incentives Initiative	Verified	437,986	437,986	437,986	437,986	437,986	437,986	437,986	437,986	437,986	37,986	0	220	220	220	220	220	220	220	220	220	100	1%														100%
Adjustment to 2015 savings	True-up	8,504	8,504	8,504	8,504	8,504	8,504	8,504	8,504	8,504	8,504	0	4	4	4	4	4	4	4	4	4	100.00%	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%	
73 Efficiency: Equipment Replacement Adjustment to 2015 savings	Verified 2016 True-up	2,758,219 39,210	2,758,219 39,210			2,734,793 39,210				2,678,857 2 36,715		12	257	257 4	249	249 4	249 4	249 4	239		238 203		5.2 5.2		94.74% 94.74%												100%
	2017 True-up						33,507				75,487	12	2	2	9	10	10	10	20	20	21 18	0.00%	5.2		94.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
78 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	12	5	5	5	5	5	5	5	5	5		100.0	.00%													100%
Adjustment to 2015 savings	True-up											12										0.00%	100.0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
80 Low Income Initiative Adjustment to 2015 savings	Verified True-up	120,951	86,922	81,030	75,137	74,992	74,992	74,009	74,009	22,902	22,902	0	11	9	9	9	9	9	9	9	6	100.00% 100.00%	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%	100%
																													1				-,				
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		5,316,302											707		_							1,969,398 4,550,758	191, 1,365	,574 5,379	3,945 8,396	0 11,657	0	78 295	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																						\$0.00000 \$0.00 \$0.00	\$0.00 \$0. \$0.	.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00
Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs																						\$0.00 \$0.00 \$0.00	\$0. \$0. \$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 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$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 Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAMVA in 2015																						\$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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$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 Savings Persisting in 2016 2015 Savings Persisting in 2017 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020																						1,915,946 1,910,054 1,904,161 1,893,324 1,879,487	191, 191, 191, 191, 191,	,574 ,649 ,649	3,934 3,922 3,934 3,934 3,934	0 0 0	0 0 0	941 941 941 941 941	0 0 0								
Note: LDC to make note of key assumptions include	ed above																					1,0/3,48/	191,	, <del>, , , , , , , , , , , , , , , , , , ,</del>	0,004	v	U	341	U	U				U	U	U	

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Table 5-b. 2016 Lost Revenues Work For	m	Return to top																																				
		Net Energy Savings (kWh)			Net E	Energy Sav	vings Persis	istence (kW	h)			Net De Saving	emand Is (kW)		Net Peal	Demand	Savings Pe	rsistence	(kW)										Ra	te Allocatio	ons for LRAM	/A						
Program	Results Status	2016	2017	2018	2019	2020	2021	2022	2023	2024	Month Multipli 2025	y	16 20	17 2018	2019	2020	2021	2022 2	2023 20	024 203	125 1	Residential	GS<50 kW	GS 50 to 4 kW		etered ed Load	Sentinel Lighting	Street Light	ing									Total
							· · · · ·									· · ·		·				kWh	kWh	kW	k\	Nh	kW	kW	0	)	0	0	0	0	0	0	0	

Name         Name         Solar         S		Verified	3,137,055	3,137,055								0	203	2	03 203	203	203	203	203 2	03 203	100.00%														100%
2         Note:         Not	Adjustment to 2016 savings	True-up	345,487	345,487	345,487 3	345,487	345,487	345,487	345,487	345,454	345,454	0	22	2	2 22	22	22	22	22 3	2 22	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         Note 1         552/14         127 Mile         552/14 <td>3 Save on Energy Heating &amp; Cooling Program</td> <td>Verified</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>398,179</td> <td>0</td> <td>112</td> <td>1</td> <td>12 112</td> <td>112</td> <td>112</td> <td>112</td> <td>112 1</td> <td>12 112</td> <td>100.00%</td> <td></td> <td>100%</td>	3 Save on Energy Heating & Cooling Program	Verified	398,179	398,179	398,179	398,179	398,179	398,179	398,179	398,179	398,179	0	112	1	12 112	112	112	112	112 1	12 112	100.00%														100%
Algorie         Two production         582/76         1377/13         146/50         1582/76         1377/13         146/50         1582/76         1377/13         146/50         1582/76	Adjustment to 2016 savings	True-up	3,859	3,859	3,859	3,859	3,859	3,859	3,859	3,859	3,859	0	1		1 1	1	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%	
1         5												12	205	2		200	200	200	200 2	00 200															99%
1         Processing of the application works (U.g.)         Virtue         20        20        20         20	Adjustment to 2016 savings								8 1,599,378	1,599,378	1,599,378	12	232	2	37 242	242	242	242	242 2	42 242	0.00%	41.43%	57.43%												
21         Constraint         21	Less	Streetlighting	-3,310,019	-3,310,019	3,310,019 -3	3,310,019 -	-3,310,019	9				12									0.00%	41.43%	57.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CMS avings in 2016         7,410,211         0         7,410,211         0         0         4,269         0 </td <td>61 Conservation Fund Pilot Program</td> <td></td> <td>270</td> <td>270</td> <td>270</td> <td>270</td> <td>270</td> <td>270</td> <td>270</td> <td>270</td> <td>270</td> <td>0</td> <td>0</td> <td></td> <td>0 0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0 0</td> <td></td> <td>100%</td>	61 Conservation Fund Pilot Program		270	270	270	270	270	270	270	270	270	0	0		0 0	0	0	0	0	0 0															100%
Process CDM Savings in 2016         0        0         0         0 </td <td>Adjustment to 2016 savings</td> <td>True-up</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>100.00%</td> <td>0.00%</td> <td></td>	Adjustment to 2016 savings	True-up										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%	
Process CDM Savings in 2016         0         0         0         0         0         0         0         0         0         0         0           Distribution Rate in 2016         50.0000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.000         50.00         50.000         50.000         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50.00         50																																			
Distribution Rate in 2016         \$0,00000         \$0,0000         \$0,000         \$0,0000         \$0,0000         \$0,000         \$0,000         \$0,000         \$0,000         \$0,000         \$0,000         \$0,0			7,410,211										775								3,884,850	1,460,663		0	0		0	0	0	0	0	0	0	0	
1000         \$0.00	Forecast CDM Savings in 2016																				4.550.758	1.365.379	8.396	11.657	10	295	0	0	0	0	0	0	0	0	
1000         \$0.00	i ciccadt obin davinge in zero																				.,,	1									-				
Lot Revenue in 2016 from 2012 programs       \$0.00 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th>\$0,00000</th> <th>\$0.00000</th> <th>\$0.00000</th> <th>\$0,00000</th> <th>\$0,00000</th> <th>\$0,00000</th> <th>\$0.00000</th> <th>\$0,00000</th> <th>\$0,00000</th> <th>\$0.00000</th> <th>\$0.00000</th> <th>\$0,0000</th> <th>\$0,00000</th> <th></th>									1			1						1				\$0,00000	\$0.00000	\$0.00000	\$0,00000	\$0,00000	\$0,00000	\$0.00000	\$0,00000	\$0,00000	\$0.00000	\$0.00000	\$0,0000	\$0,00000	
Lot Revenue in 2016 from 2013 programs       \$0.00 <th>Distribution Rate in 2016</th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>2</th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th>8</th> <th></th> <th></th> <th></th> <th></th> <th>\$0.00000</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>\$0.00000</th> <th></th> <th></th> <th></th> <th></th> <th>\$0.00</th>	Distribution Rate in 2016	1						2				1				8					\$0.00000									\$0.00000					\$0.00
Lost Revenue in 2016 from 2014 programs       \$0.00 </th <th>Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs</th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th>ι</th> <th></th> <th></th> <th>\$0.00000 \$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00000 \$0.00 \$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th>\$0.00</th> <th></th>	Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs	1						1				1				1		ι			\$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	
Lost Revenue in 2016 from 2015 programs       \$0.00 </td <td>Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs</td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td><u>1</u></td> <td></td> <td></td> <td>\$0.00000 \$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00000 \$0.00 \$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00 \$0.00</td> <td>\$0.00</td>	Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs	1				1			1			1				1		<u>1</u>			\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Lot Revenue in 2016 from	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	1							1							1		8 1			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$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 Lost Revenues in 2016       \$0.00 <t< td=""><td>Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2014 programs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td>8 1</td><td>1</td><td></td><td>\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00 \$0.00</td><td>\$0.00 \$0.00 \$0.00</td></t<>	Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2014 programs															1		8 1	1		\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
Store statust       Store statust<	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													·		1		<u>8</u> 1			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
LRAWVa in 2016       3,884,850       1,460,662       3,012       0       0       5,113       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 Lost Revenue in 2016 from 2016 programs																	1			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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 Savings Persisting in 2019       3,884,850       1,471,990       3,046       0       0       1,384       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 Lost Revenue in 2016 from 2015 programs Total Lost Revenues in 2016																	1 1			\$0.00000 \$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 \$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 \$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 \$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 \$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 \$0.00 <b>\$0.00</b>
2016 Savings Persisting in 2019       3,646       0       0       5,113       0 <td>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 Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016</td> <td></td> <td>1 1</td> <td></td> <td></td> <td>\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00</td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b></td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b></td>	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 Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016																	1 1			\$0.00000 \$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 \$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 \$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 \$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 \$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 \$0.00 <b>\$0.00</b> <b>\$0.00</b>
2016 Savings Persisting in 2019       3,844,850       1,471,990       3,046       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 Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2016																				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <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 <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> <b>\$0.00</b> <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 <b>\$0.00</b> <b>\$0.00</b>							
2016 Savings Persisting in 2020 3,884,850 1,471,990 3,046 0 0 5,113 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 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2016										, i , i , i , i , i , i , i , i , i , i										\$0.000000 \$0.00 \$0.00 \$0.00 \$0.00 \$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> <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$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>	\$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>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 <b>\$0.00</b> <b>\$0.00</b>							
	Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2016 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2010 2016 Savings Persisting in 2017 2016 Savings Persisting in 2018																				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.460,662 1.471,990	\$0.00 \$0.00 \$0.00 \$0.00 \$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 \$,113 \$,113	\$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> <b>\$0.00</b>							
	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 2015 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2016 2016 Savings Persisting in 2017 2016 Savings Persisting in 2018 2016 Savings Persisting in 2019					i															\$0.00000 \$0.84,850	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$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 \$1.113 \$,113	\$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> <b>\$0.00</b>							

		Net Energy Savings (kWh)			Net	Energy Sa	vings Persi	stence (kV	/h)				Net Demand Savings (kW)			Net Pea	k Demano	d Savings F	ersistence	e (kW)								Rate Allo	cations for LRA	MVA					
Program	Results Status	2017	2018	2019	2020	2021	2022	2023	2024	2025	Mon Multi 2026		2017	2018	2019	2020	2021	2022	2023	2024	2025 2026	Residential	GS<50 kW	GS 50 to 4,99 kW	9 Unmetered Scattered Load	Sentinel Lighting	Street Lighting								
																						kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0
Energy Coupon Program ent to 2016 savings	Verified True-up	3,080,007	2,479,112	2,479,112	2,479,112	2,479,112	2,479,112	2,479,112	2,479,086	2,479,086	2,472,888 C	)	214	173	173	173	173	173	173	173	173 173	<b>100.00%</b> 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%
nergy Instant Discount Program nt to 2016 savings	Verified True-up	2,898,005	2,098,702	2,098,702	2,098,702	2,098,702	2,098,702	2,098,702	2,098,661	2,098,661 2	2,098,661 C	)	199	145	145	145	145	145	145	145	145 145	<b>100.00%</b> 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 Heating & Cooling Program	Verified	552,975	552,975	552,975	552,975	552,975	552,975	552,975	552,975	552,975	552,975 0	)	138	138	138	138	138	138	138	138	138 138	100.00%													
nt to 2016 savings	True-up										C	)										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%
nergy Audit Funding Program to 2016 savings	Verified True-up	130,667	130,667	130,667	130,667	130,667	130,667	130,667	130,667	130,667	112,855 1 1	2 2	6	6	6	6	6	6	6	6	6 5	0.00%	<b>50.00%</b>	<b>50.00%</b> 50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
nergy Retrofit Program ht to 2016 savings	Verified True-up	2,776,692	2,949,396	2,949,396	2,949,396	2,949,396	2,757,954	2,757,954	2,757,954	2,757,954	2,757,954 1 1	2 2	666	757	757	757	757	718	718	718	718 718	0.00%	<b>25.26%</b> 25.26%	<b>47.94%</b> 47.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ergy Assessment & Retrofit LDC n Fund Pilot Program	Verified	106,940	106,940	106,940	106,940	106,940	106,940	106,940	106,940	106,940	106,940 0	)	20	20	20	20	20	20	20	20	20 20	100.00%													
nt to 2016 savings	True-up										C	)										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%
me Pilot Program t to 2016 savings	Verified True-up	36,742	36,742	36,742	36,742	36,191	35,856	35,856	35,856	35,856	35,856 C	)	5	5	5	5	5	5	5	5	5 5	<b>100.00%</b> 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%
DM Savings in 2017		9,582,028											1,248									6,674,669	766,830	3,868	0	0	0	0	0	0	0	0	0	0	0
CDM Savings in 2017																						4,550,758 \$0.01150	1,365,379 \$0.02120	8,396 \$5.24290	11,657 \$0.02990	10 \$26.38800	295 \$18.91810	\$0.00000	0 \$0,00000	0 \$0.00000	\$0,00000	0 \$0,00000	0 \$0.00000	0 \$0.00000	0 \$0.00000
nue in 2017 from 2011 programs nue in 2017 from 2012 programs nue in 2017 from 2013 programs nue in 2017 from 2014 programs																						\$6,317.88 \$4,838.28 \$7,703.46 \$19.098.51	\$4,275.06 \$14,532.86 \$11,823.06 \$15.620.15	\$13,977.42 \$19,200.09 \$14,974.62	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00
enue in 2017 from 2015 programs enue in 2017 from 2016 programs enue in 2017 from 2017 programs																						\$21,965.62 \$44,675.78 \$76,758.69	\$4,061.36 \$30,966.04 \$16,256.80	\$20,563.73 \$15,790.19	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$17,804.85 \$96,720.41 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
t Revenues in 2017 Lost Revenues in 2017 in 2017																						\$181,358.23 \$52,333.72	\$97,535.34 \$28,946.03		\$0.00 \$348.54	\$0.00 \$263.88	\$114,525.26 \$5,580.84	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
ings Persisting in 2018 ings Persisting in 2019																						5,274,471 5,274,471	810,462 810,462	4,391 4,391	0	0	0	0	0	0	0	0	0	0	0

		Net Energy Savings (kWh)			Ne	t Energy Sa	avings Pers	sistence (k)	Wh)				Net Deman Savings (k)	d V)		Net Peak	k Demand	Savings Pers	sistence (kW	)								Rate Allo	cations for LR	MVA						
	Results Status	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027 M	Monthly Iultiplier	2018	2019	2020	2021	2022	2023 20	24 2025	2026	2027	Residential	GS<50 kW	GS 50 to 4,99 kW	99 Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Tota
egacy Framework																						kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
ctual CDM Savings in 2018		0											0									0	0	0	0	0	0	0	0	0	0	0	0	0	0	
precast CDM Savings in 2018																						0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Istribution Rate in 2018 str Revenue in 2018 from 2011 programs sts Revenue in 2018 from 2011 programs sts Revenue in 2018 from 2013 programs sts Revenue in 2018 from 2015 programs sts Revenue in 2018 from 2015 programs sts Revenue in 2018 from 2016 programs sts Revenue in 2018 from 2018 programs sts Revenue in 2018 from 2018 programs sta Revenue in 2018 from 2018 programs sta Revenue in 2018 from 2018 programs sta Lost Revenues in 2018 Revenue in 2018 from 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 <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>	\$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 <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 <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 <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>	\$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> <b>\$0.00</b>	\$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>	\$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> <b>\$0.00</b>	\$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> <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 <b>\$0.00</b> <b>\$0.00</b> <b>\$0.00</b>	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 <b>\$0.0</b> <b>\$0.0</b> <b>\$0.0</b> <b>\$0.0</b> <b>\$0.0</b> <b>\$0.0</b> <b>\$0.0</b> <b>\$0.0</b>
018 Savings Persisting in 2019 018 Savings Persisting in 2020																						0	0	0	0	0	0	0	0	0	0	0	0	0	0	

 Table 5-e. 2019 Lost Revenues Work Form
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		Net Energy Savings (kWh)			Net	Energy Sa	avings Persis	tence (kWh	h)				Net Demand Savings (kW			Net Peak	Demand Sav	vings Pers	sistence (k	N)								Rate Alloc	ations for LRA	MVA						
Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Monthly Multiplier	2019	2020	2021	2022	2023 20	24 20	025 20	26 202	27 2028	Residential	GS<50 k₩	GS 50 to 4,999 kW	Unmetered Scattered Loa		Street Lighting									Total
Legacy Framework																						kWh	kWh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2019		0											0									0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2019																						0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2019																						\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2019 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	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 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	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 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	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 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	\$0.00	\$0.00	\$0.00
Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2016 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
Lost Revenue in 2019 from 2016 programs																																	\$0.00		\$0.00	\$0.00
Lost Revenue in 2019 from 2018 programs																						\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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 2019 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
Total Lost Revenues in 2019																						\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Forecast Lost Revenues in 2019																						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LRAMVA in 2019																						<i>43.00</i>	<i>\$</i> 3.00	<i>\$3.00</i>	<b>40.00</b>	\$0.00	Ş0.00	<i>40.00</i>	<i>43.00</i>	<i><b>4</b>0.00</i>	<i><b>40.00</b></i>	<i>\$</i> 3.00	<i>\$</i> 3.00	<i>40.00</i>	<i>43.00</i>	\$0.00
2019 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 inclu	uded above																																			

		Net Energy Savings (kWh)			Net	Energy Savin	ngs Persis	stence (kWh)				Net De Saving			Net	Peak Dema	and Saving	s Persister	ice (kW)									Rate Allo	cations for LRA	AVN						
Program	Results Status	2020	2021	2022	2023	2024	2025	2026	2027 2	028 2029	Monthly Multiplier	202	20 202	1 20	22 202	3 2024	2025	2026	2027	2028 2	2029 Residen	ial GS<	<50 kW	GS 50 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting									Тс
acy Framework																					kWh	k	Wh	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
ctual CDM Savings in 2020		0										0									0		0	0	0	0	0	0	0	0	0	0	0	0	0	
precast CDM Savings in 2020																					0		0	0	0	0	0	0	0	0	0	0	0	0	0	
tribution Rate in 2020																					\$0.000	n ¢0/	00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
t Revenue in 2020 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	\$0.00	\$0.00	\$
t Revenue in 2020 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	\$0.00	\$0.00	
st Revenue in 2020 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	\$0.00	\$0.00	\$
st Revenue in 2020 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	\$0.00	\$0.00	ŝ
st Revenue in 2020 from 2015 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	\$
st Revenue in 2020 from 2016 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	ŝ
at Revenue in 2020 from 2017 programs																					\$0.00	ŝ	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$
t Revenue in 2020 from 2018 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	\$
at Revenue in 2020 from 2019 programs																					\$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	\$
st Revenue in 2020 from 2020 programs																					\$0.00	\$0	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$
tal Lost Revenues in 2020																					\$0.00	şı	0.00	\$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
ecast Lost Revenues in 2020																					\$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	\$
AMVA in 2020																																				\$

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Ontario Energy Board

### **LRAMVA Work Form: Carrying Charges by Rate Class**

Version 3.0 (2019)

\$0

\$0.00

\$0.00 \$0.00 \$0.00

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\$0.00 \$0.00

Total

\$0.00 \$0.00

\$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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\$0.00 \$0.00

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

Legend

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 for column H to determine the monthly variances on carrying charges for each rate class by year. Instructions

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

Period

Month

Quarter

Monthly Rate

Residential GS<50 kW

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.

Unmetered Scattered Load

Sentinel Lighting

Street Lighting

Go to Tab 1: Summary GS 50 to 4,999 kW

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

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
Feb-11	2011	Q1	0.12%	\$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		
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Jul-11	2011	Q2 Q3	0.12%	\$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		
Sep-11	2011	Q3	0.12%	\$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		
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Total for 2011	2011	94	0.1278	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Amount Cleared													
Opening Baland	ce for 2012			\$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		
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Apr-12	2011-2012	Q2	0.12%	\$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	
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
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
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
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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
Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared													
<b>Opening Balance</b>	ce for 2013			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared													
Opening Baland	ce for 2014			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Check OEB website

Amount Cleared	1																	
<b>Opening Balan</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
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 \$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	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
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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
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
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	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
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	
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	
Total for 2012	LUTT LUTE	Q.I	0.1270	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00				\$0.00		
Amount Cleared				70.00			ţ				70.00					1		
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0 \$0.00	\$0.00	\$0.00	\$0.00
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
Feb-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
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	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
May-13	2011-2013	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
Jun-13	2011-2013	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
Jul-13	2011-2013	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
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	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	
Nov-13	2011-2013	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	
Total for 2013	2011-2013	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	
Amount Cleared				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0 <b>\$0.00</b>	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	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
	2011-2014	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
May-14	2011-2014	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
Jun-14 Jul-14	2011-2014 2011-2014	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
	2011-2014 2011-2014	Q3 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
Aug-14					\$0.00													
Sep-14	2011-2014	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
Oct-14	2011-2014	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
Nov-14	2011-2014	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	
Dec-14 Total for 2014	2011-2014	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	\$0.0U	J \$0.00	u şu.uu	\$0.00	\$0.00	\$0.00
Amount Cleared				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	\$0.00	\$0.00	\$0.00
Opening Balan		01	0.40%	\$0.00														
Jan-15 Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00
	2011-2015	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
Mar-15 Apr-15	2011-2015 2011-2015	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	

May-15	2011-2015	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
Jun-15	2011-2015	02	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
Jul-15	2011-2015	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
Aug-15	2011-2015	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
Sep-15	2011-2015	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
Oct-15 Nov-15	2011-2015 2011-2015	Q4 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
Dec-15	2011-2015	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
Total for 2015				\$0.00	\$0.00	\$0.00	\$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 Balance				\$0.00	\$0.00	\$0.00	\$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	Q1	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
Feb-16	2011-2016	Q1	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
Mar-16 Apr-16	2011-2016 2011-2016	Q1 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
May-16	2011-2016	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
Jun-16	2011-2016	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
Jul-16	2011-2016	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
Aug-16 Sep-16	2011-2016 2011-2016	Q3 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
Oct-16	2011-2016	Q3 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
Nov-16	2011-2016	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
Dec-16	2011-2016	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
Total for 2016 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				\$0.00	\$0.00	\$0.00	\$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-17	2011-2017	Q1	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
Feb-17	2011-2017	Q1	0.09%	\$9.86	\$5.24	\$4.99 \$9.98	-\$0.03 -\$0.05	-\$0.02 -\$0.04	\$8.32	\$0.00	\$0.00		\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$28.36
Mar-17 Apr-17	2011-2017 2011-2017	Q1 Q2	0.09%	\$19.71 \$29.57	\$10.48 \$15.72	\$9.98 \$14.96	-\$0.05	-\$0.04 -\$0.06	\$16.64 \$24.97	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$56.72 \$85.08
May-17	2011-2017	Q2	0.09%	\$39.42	\$20.96	\$19.95	-\$0.00	-\$0.08	\$33.29	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$113.43
Jun-17	2011-2017	Q2	0.09%	\$49.28	\$26.20	\$24.94	-\$0.13	-\$0.10	\$41.61	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$141.79
Jul-17	2011-2017 2011-2017	Q3 Q3	0.09%	\$59.14 \$68.99	\$31.44 \$36.68	\$29.93 \$34.91	-\$0.16 -\$0.19	-\$0.12 -\$0.14	\$49.93 \$58.26	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$170.15 \$198.51
Aug-17 Sep-17	2011-2017	Q3	0.09%	\$78.85	\$36.68	\$39.90	-\$0.19 -\$0.21	-\$0.14 -\$0.16	\$58.26	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$198.51 \$226.87
Oct-17	2011-2017	Q4	0.13%	\$120.96	\$64.30	\$61.21	-\$0.33	-\$0.25	\$102.14	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$348.04
Nov-17	2011-2017	Q4	0.13%	\$134.40	\$71.45	\$68.01	-\$0.36	-\$0.27	\$113.48	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$386.71
Dec-17 Total for 2017	2011-2017	Q4	0.13%	\$147.84 \$758.02	\$78.59 \$402.96	\$74.82 \$383.60	-\$0.40 -\$2.05	-\$0.30 -\$1.55	\$124.83 \$640.05	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$425.38 \$2,181.03
Amount Cleared	1			\$7.50.02	\$402.30	\$303.00	-92.03	-91.00	3040.05	30.00	\$0.00	\$0.00	\$0.00	30.00	\$0.00	30.00	<b>40.00</b>	\$2,101.03
Opening Balance				\$758.02	\$402.96	\$383.60	-\$2.05	-\$1.55	\$640.05	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,181.03
Jan-18	2011-2018	Q1	0.13%	\$161.28	\$85.74	\$81.62	-\$0.44	-\$0.33	\$136.18	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$464.05
Feb-18 Mar-18	2011-2018 2011-2018	Q1 Q1	0.13%	\$161.28 \$161.28	\$85.74 \$85.74	\$81.62 \$81.62	-\$0.44 -\$0.44	-\$0.33 -\$0.33	\$136.18 \$136.18	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$464.05 \$464.05
Apr-18	2011-2018	Q2	0.16%	\$203.21	\$108.03	\$102.84	-\$0.55	-\$0.42	\$171.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$584.70
May-18	2011-2018	Q2	0.16%	\$203.21	\$108.03	\$102.84	-\$0.55	-\$0.42	\$171.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$584.70
Jun-18	2011-2018	Q2	0.16%	\$203.21	\$108.03	\$102.84	-\$0.55 -\$0.55	-\$0.42 -\$0.42	\$171.59 \$171.59	\$0.00	\$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$584.70 \$584.70
Jul-18 Aug-18	2011-2018 2011-2018	Q3 Q3	0.16%	\$203.21 \$203.21	\$108.03 \$108.03	\$102.84 \$102.84	-\$0.55	-\$0.42	\$171.59	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$584.70
Sep-18	2011-2018	Q3	0.16%	\$203.21	\$108.03	\$102.84	-\$0.55	-\$0.42	\$171.59	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$584.70
Oct-18	2011-2018	Q4	0.18%	\$233.32	\$124.03	\$118.07	-\$0.63	-\$0.48	\$197.01	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$671.32
Nov-18 Dec-18	2011-2018 2011-2018	Q4 Q4	0.18%	\$233.32 \$233.32	\$124.03 \$124.03	\$118.07 \$118.07	-\$0.63 -\$0.63	-\$0.48 -\$0.48	\$197.01 \$197.01	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$671.32 \$671.32
Total for 2018	2011-2010	04	0.1078	\$3,161.10	\$1,680.44	\$1,599.69	-\$8.54	-\$6.47	\$2,669.14	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,095.36
Amount Cleared																		
Opening Baland Jan-19		Q1	0.18%	\$3,161.10	\$1,680.44 \$124.03	\$1,599.69 \$118.07	-\$8.54 -\$0.63	-\$6.47 -\$0.48	\$2,669.14 \$197.01	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$9,095.36 \$671.32
Feb-19	2011-2019 2011-2019	Q1	0.18%	\$233.32 \$233.32	\$124.03	\$118.07	-\$0.63	-\$0.48	\$197.01	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$671.32
Mar-19	2011-2019	Q1	0.18%	\$233.32	\$124.03	\$118.07	-\$0.63	-\$0.48	\$197.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$671.32
Apr-19	2011-2019	Q2	0.18%	\$233.32	\$124.03	\$118.07	-\$0.63	-\$0.48	\$197.01	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$671.32
May-19 Jun-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		\$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	Q2 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
Aug-19	2011-2019	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-19 Oct-19	2011-2019 2011-2019	Q3 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
Nov-19	2011-2019 2011-2019	Q4 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
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		_		\$4,094.38	\$2,176.57	\$2,071.98	-\$11.06	-\$8.37	\$3,457.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,780.66
Amount Cleared Opening Balance				\$4,094.38	\$2,176.57	\$2,071.98	-\$11.06	-\$8.37	\$3,457.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,780.66
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
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
May-20	2011-2020	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
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
Jul-20	2011-2020	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
A	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
Aug-20 Sep-20			0.00%	\$0.00	\$0.00	\$0.00	\$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 Oct-20	2011-2020	Q4	0.00%															
Sep-20 Oct-20 Nov-20	2011-2020 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
Sep-20 Oct-20	2011-2020				\$0.00 \$0.00 \$2,176.57	\$0.00 \$0.00 <b>\$2.071.98</b>	\$0.00 \$0.00 -\$11.06	\$0.00 \$0.00 -\$8.37	\$0.00 \$0.00 \$3,457.17	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00 \$0.00 <b>\$0.00</b>	\$0.00	\$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 \$11,780.66



### Supporting Documentation: LDC Persistence Savings Results from IESO

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

Instructions (Steps)

'Legend

Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and e
 Please identify the source of the report via the dropdown list in Column I.

3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filler button at cell H25 (highlighting)

4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year

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

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

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

Step:	#1						#2	#4	#1					
Portfolio	Program	Initiative	LDC	Sector	Conservation		Identify Source of	Identify Status of	Net Verif	ied Annua	l Peak Dem	and Saving	gs at the E	nd-User Le
					Resource Type	Year	Report	Savings						
													,	
									2011	2012	2013	2014	2015	2016
									1	12	13	14	15	16
-														
									_					
									_					
									-					
									-					
									_					



energy savings data by initiative in Columns L to BT of this work form.

ted in orange). Before you sort values, please ensure that all table columns have filters. ar of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

vel (kW)																								#1 Net Verified	Annual Energ	gy Savings at 1	he End-User L	evel (kWh)
2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2011	2012	2013	2014	2015
																						-						

2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040



## LRAMVA Work Form: Documentation for Streetlighting Projects

Version 3.0 (2019)

Instructions

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

2011	Gross	NTG	Net	
2011		0.75		
2012		0.77	0	
2013		0.68	0	
2014		0.72	0	
2015	106,605	0.86	91,702	
	4,004,783		3,310,019	
Actual Io	st revent	Je based Gross	ON KW DI	
		kW		Net kW
	Billed	reductio		reductio
Month	kW	n	NTG	n
2014 tota	al			
Jan-15			0.84	0
Feb-15			0.84	0
Mar-15			0.84	0
Apr-15			0.84	0
May-15			0.84	0
Jun-15			0.84	0
Jul-15			0.84	0
Aug-15			0.84	0
Sep-15			0.84	0
Oct-15			0.84	0
Nov-15	1782		0.84	0
Dec-15	1688.617	93.383	0.84	78
2015 tota	al	93.383		78
Persister	ice to			
2016				941
2017				941
2018				941
2019				941
2020				941
	1469.325			
	1448.457			
	1447.545			273
	1446.709		0.82	274
May-16	1437.65	344.35		
May-16 Jun-16	1345.08	436.92	0.82	357
May-16 Jun-16 Jul-16	1345.08 1260.35	436.92 521.65	0.82 0.82	357 426
May-16 Jun-16 Jul-16 Aug-16	1345.08 1260.35 1260.35	436.92 521.65 521.65	0.82 0.82 0.82	357 426 426
May-16 Jun-16 Jul-16 Aug-16 Sep-16	1345.08 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65	0.82 0.82 0.82 0.82	357 426 426 426
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16	1345.08 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82	357 426 426 426 426
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426 426 426
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 2016 tot	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 2016 tota Persister	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426 426 <b>426</b> <b>4269</b>
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 2016 tot: Persister 2017	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426 426 <b>4269</b> 5113
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 2016 tota Persister 2017 2018	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426 426 <b>4269</b> 5113 5113
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 2016 tota Persister 2017 2018 2019	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426 426 <b>4269</b> 5113 5113 5113
May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16 2016 tota Persister 2017 2018	1345.08 1260.35 1260.35 1260.35 1260.35 1260.35 1260.35	436.92 521.65 521.65 521.65 521.65 521.65 521.65 521.65	0.82 0.82 0.82 0.82 0.82 0.82	357 426 426 426 426 426 426 <b>4269</b> 5113 5113

Ontario Energy Board

ESO 2017 reporting. Used to facilitate

with IESO

ort on Tables on Tab 5.

Instructions

## LRAMVA Work Form:

### IESO programs and monthly multipliers

Residential Province-Wide Programs	1 Save on Energy Coupon Program	y multiplier
Residential Province-Wide Programs	2 Save on Energy Instant Discount Program	
Residential Province-Wide Programs	3 Save on Energy Heating & Cooling Program 4 Save on Energy New Construction Program	
Residential Province-Wide Programs	4 Save on Energy New Construction Program	
Residential Province-Wide Programs	5 Save on Energy Home Assistance Program	
Business Province-Wide Programs Business Province-Wide Programs	6 Save on Energy Audit Funding Program 7 Save on Energy Retrofit Program	1
Rusiness Province-Wide Programs	8 Save on Energy Small Business Lighting Program	1
Business Province-Wide Programs	9 Save on Energy High Performance New Construction Program	1
Business Province-Wide Programs	9 Save on Energy High Performance New Construction Program 10 Save on Energy Existing Building Commissioning Program	
Business Province-Wide Programs	11 Save on Energy Business Refrigeration Incentive Program	
Rusiness Province-Wide Programs	12 Save on Energy Process & Systems Upgrades Program 13 Save on Energy Energy Manager Program 14 Save on Energy Monitoring & Targeting Program	1
Business Province-Wide Programs	13 Save on Energy Energy Manager Program	1
Business Province-Wide Programs	14 Save on Energy Monitoring & Targeting Program	1
Business Province-Wide Programs	15 Save on Energy Retrofit Program - P4P 16 Save on Energy Process & Systems Upgrades Program - P4P	1
Business Province-Wide Programs	16 Save on Energy Process & Systems Upgrades Program - P4P	1
Local & Regional Programs	17 Adaptive Thermostat Local Program	
ocal & Regional Programs	18 Business Refrigeration Incentives Local Program	
Local & Regional Programs Local & Regional Programs	19 Conservation on the Coast Home Assistance Local Program 20 Conservation on the Coast Small Business Lighting Local Program	
ocal & Regional Programs	21 First Nations Conservation Local Program	
.ocal & Regional Programs .ocal & Regional Programs .ocal & Regional Programs	22 High Efficiency Agriculturual Pumping Local Program	
.ocal & Regional Programs	22 High Efficiency Agriculturual Pumping Local Program 23 Instant Savings Local Program	
.ocal & Regional Programs	24 OPsaver Local Program	
ocal & Regional Programs	25 Pool Saver Local Program	
.ocal & Regional Programs	26 PUMPsaver Local Program	
.ocal & Regional Programs	27 RTUsaver Local Program	
.ocal & Regional Programs .DC Innovation Fund Pilot Programs	28 Social Benchmarking Local Program 29 Air Source Heat Pump – For Residential Space Heating LDC	
LDC Innovation Fund Pilot Programs	29 Air Source Heat Pump – For Residential Space Heating LDC	
DC Innovation Fund Pilot Programs	Innovation Fund Pilot Program 20 Air Source Mest Rump - For Registential Water Mesting LDC	
	Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs LDC Innovation Fund Pilot Programs	<ol> <li>Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program</li> <li>Block Heater Timer LDC Innovation Fund Pilot Program</li> </ol>	
DC Innovation Fund Pilot Programs		
	a Construction Linkey i management and Linke Control (CLINE) LECO Innovation Fund Piol Program 33 Conservation Cultivator LDC Innovation Fund Pilot Program	1
LDC Innovation Fund Pilot Programs	33 Conservation Cultivator LDC Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs	34 Data Centre LDC Innovation Fund Pilot Program	1
LDC Innovation Fund Pilot Programs LDC Innovation Fund Pilot Programs	35 Electronics Take Back LDC Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs	36 Energy Reinvestment LDC Innovation Fund Pilot Program 37 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot	
LDG Inflowation Fund Flot Flogranis	S7 Home Energy Assessment & Report LDC Infovation Fund Flot	
LDC Innovation Fund Pilot Programs	Program 38 Hotel/Motel LDC Innovation Fund Pilot Program 39 Intelligent Air Technology LDC Innovation Fund Pilot Program 40 OPsaver LDC Innovation Fund Pilot Program	1
LDC Innovation Fund Pilot Programs	39 Intelligent Air Technology LDC Innovation Fund Pilot Program	1
LDC Innovation Fund Pilot Programs	40 OPsaver LDC Innovation Fund Pilot Program	1
LDC Innovation Fund Pilot Programs	41 PUMPsaver LDC Innovation Fund Pilot Program	1
LDC Innovation Fund Pilot Programs	42 Residential Direct Install LDC Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs	43 Residential Direct Mail LDC Innovation Fund Pilot Program 44 Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs LDC Innovation Fund Pilot Programs	44 Residential Ductless Heat Pump LDC Innovation Fund Pilot Program 45 Retrocomissioning LDC Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs	45 Hetrocomissioning LUC innovation Fund Pilot Program	11
LDC Innovation Fund Pilot Programs LDC Innovation Fund Pilot Programs	46 RTUsaver LDC Innovation Fund Pilot Program 47 Small & Medium Business Energy Management System LDC	
LDG Infowation Fund Flot Flograms		12
LDC Innovation Fund Pilot Programs	48 Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	
LDC Innovation Fund Pilot Programs LDC Innovation Fund Pilot Programs	48 Solar Powered Atto Ventilation LDC Innovation Fund Pilot Program 49 Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation	
	Fund Pilot Program	
LDC Innovation Fund Pilot Programs	Fund Pitch Program 50 Truckload Event LDC Innovation Fund Pitch Program	(
Centrally Delivered Programs Centrally Delivered Programs	51 Industrial Acoustication Program 52 Save on Energy Energy Performance Program for Multi-Site	1
Centrally Delivered Programs	52 Save on Energy Energy Performance Program for Multi-Site	11
	Customers	1
Centrally Delivered Programs Program Enabled Savings	54 Whole Home Pilot Program 54 Save on Energy Retroft Program Enabled Savings 55 Save on Energy High Performance New Construction Program	1
Program Enabled Savings	55 Save on Energy High Performance New Construction Program	
	Enabled Savings	
Program Enabled Savings	5 Save on Energy main renormance new Construction Program Enabled Savings 56 Save on Energy Process & Systems Upgrades Program Enabled Savings	
	Savings	
Other	57 Non-Approved Program	
Other	58 Unassigned Program	
Conservation Fund Conservation Fund	59 Conservation Voltage Reduction Conservation Fund Pilot Program	1
Conservation Fund	60 EnerNOC Conservation Fund Pilot Program 61 Home Depot Home Appliance Market Uplift Conservation Fund Pilot	1.
Conservation Fund		
Conservation Fund	62 Lobjaw P4P Conservation Fund Pilot Program 63 Ontario Clean Water Agency P4P Conservation Fund Pilot Program	12
Conservation Fund	63 Ontario Clean Water Agency P4P Conservation Fund Pilot Program	1
Conservation Fund		
Conservation Fund	65 Social Renchmarking Conservation Fund Pilot Program	
Conservation Fund	66 Strategic Energy Group Conservation Fund Pilot Program	
2011-2014+2015 Extension Legacy Framework Programs:	67 Appliance Retirement Initiative	
Residential program 2011-2014+2015 Extension Legacy Framework Programs:	68 Coupon Initiative	
2011-2014+2015 Extension Legacy Framework Programs:	68 Coupon Initiative	
Residential program		
2011-2014+2015 Extension Legacy Framework Programs:	69 Bi-Annual Retailer Event Initiative	
Residential program	70 HVAC Incentives Initiative	
2011-2014+2015 Extension Legacy Framework Programs:	70 HVAC Incentives Initiative	
Residential program	71 Residential New Construction and Major Renovation Initiative	
2011-2014+2015 Extension Legacy Framework Programs:	71 Hesidential New Construction and Major Henovation Initiative	
Residential program 2011-2014+2015 Extension Legacy Framework Programs:	72 Energy Audit Initiative	
2011-2014+2013 Extension Legacy Framework Programs:	72 chergy Audit Initiative	1
2011-2014-2015 Extension Legacy Framework Programs: Commercial & Institutional Program	73 Efficiency: Equipment Replacement Incentive Initiative	1
Commercial & Institutional Program	to another, Equipment representation incentive interiore	1
2011-2014+2015 Extension Legacy Framework Programs:	74 Direct Install Lighting and Water Heating Initiative	
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program		1
2011-2014+2015 Extension Legacy Framework Programs: Commercial & Institutional Program	75 New Construction and Major Renovation Initiative	
Commercial & Institutional Program		1
2011-2014+2015 Extension Legacy Framework Programs:	76 Existing Building Commissioning Incentive Initiative	
2011-2014-2015 Extension Legacy Framework Programs: Commercial & Institutional Program 2011-2014-2015 Extension Legacy Framework Programs:	77 Process and Systems Upgrades Initiatives - Project Incentive Initiative	
ndustrial Program		1
	78 Process and Systems Upgrades Initiatives - Energy Manager Initiative	
2011-2014+2015 Extension Legacy Framework Programs:		1
2011-2014+2015 Extension Legacy Framework Programs: ndustrial Program		
Industrial Program 2011-2014+2015 Extension Legacy Framework Programs:	79 Process and Systems Upgrades Initiatives - Monitoring and Targeting	
Industrial Program 2011-2014+2015 Extension Legacy Framework Programs:		12
Industrial Program 2011-2014+2015 Extension Legacy Framework Programs: Industrial Program 2011-2014+2015 Extension Legacy Framework Programs:	79 Process and Systems Upgrades Initiatives - Monitoring and Targeting I 80 Low Income Initiative	12
Industrial Program 2011-2014+2015 Extension Legacy Framework Programs: Industrial Program 2011-2014+2015 Extension Legacy Framework Programs:	80 Low Income Initiative	12
Industrial Program 2011-2014-2015 Extension Legacy Framework Programs: Industrial Program 2011-2014-2015 Extension Legacy Framework Programs: Low Income Program 2011-2014-2015 Extension Legacy Framework Programs:		
Industrial Program 2011-2014-2015 Extension Legacy Framework Programs: Industrial Program 2011-2014-2015 Extension Legacy Framework Programs: Low Income Program 2011-2014-2015 Extension Legacy Framework Programs: Other	80 Low Income Initiative	0
Industral Program 001/2014-2015 Extension Legacy Framework Program 001/2014-2015 Extension Legacy Framework Program 001/2014-2015 Extension Legacy Framework Programs: Low Income Program 001/2014-2015 Extension Legacy Framework Programs: 001/2014-2015 Extension Legacy Framework Programs: 001/2014-2015 Extension Legacy Framework Programs: 001er	80 Low Income Initiative 81 Aboriginal Conservation Program 82 Program Enabled Savings	
ndustnal Program 2011-2014-2015 Extension Legacy Framework Programs: ndustrial Program 2011-2014-2015 Extension Legacy Framework Programs: .ow Income Program 2011-2014-2015 Extension Legacy Framework Programs: Other	80 Low Income Initiative 81 Aboriginal Conservation Program	

## APPENDIX 7

SSM PUC 2017 Final Verified Annual CDM Program Results

#	LDC	Region	Program	Framework	Funding	Implementation	Application	Company				
	Name		Name	(Legacy / CFF)	Mechanism	Year	Identification Number	Name	First and			
					(FCR/P4P)							
111617	PUC Dis PUC Dis	North	Efficiency: Equipment	r 2011 - 2014 + 2015 Exte r 2011 - 2014 + 2015 Exte	ension Legacy Green En		Blended baseline Blended baseline		RUE-UP			
111619	PUC Dis	PUC Distribution	Home Energy Assess	a 2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	25334 34403					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34646 34648					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34651 34653					
111624	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34730 34732					
111626	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34733 34738					
111628	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation	on First Framework	2017 2017 2017	34740		_			
111630	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017 2017	34742 34742 34747		_			
111632	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017	34751		_			
111634	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34759 34770					
111636	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34787 34789		_			
				a 2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34792 34793					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34795 34797					
111641	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34803 34816					
111643	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34818 34822		_			
111645	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017	34824 34826					
111647	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017 2017	34827 34829					
111649	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation	on First Framework	2017 2017 2017	34829 34830 34838					
111651	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017	34847					
111653	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34853 34881					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34889 34890					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34904 34906					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	34910 34919					
111660	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	34930 34998					
111662	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35001 35043					
111664	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35048		-			
111666	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation	on First Framework	2017 2017 2017	35072					
111668	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017	35074					
111670	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35075 35076		_			
111672	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35077 35079					
111674	PUC Dis	PUC Distribution	Home Energy Assess	a 2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35082 35084		_			
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	35094 35216					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017 2017	35267 35268					
				2015 - 2020 Conservation 2015 - 2020 Conservation		2017	35270 35318					
111681	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35363 35364		_			
111683	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017	35477 35478					
111685	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation 2015 - 2020 Conservation 2015 - 2020 Conservation	on First Framework	2017 2017 2017	35479 35518					
111687	PUC Dis	PUC Distribution	Home Energy Assess	2015 - 2020 Conservation	on First Framework	2017 2017 2017	35518 35592 35593					
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11204       PUC is Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2020       874289       Image: Conservatic FCR       2020       874289       Image: Conservatic FCR       2020       874289       Image: Conservatic FCR       2020       874300       Image: Conservatic FCR       2020       874300       Image: Conservatic FCR       2020       874300       Image: Conservatic FCR       2020       874316       Image: Conservatic FCR       2020       874326       Image: Conservatic FCR       2020       874358       Image: Conservatic FCR       2020       874356       Image: Conservatic FCR       2020       874367       Image: Conservatic FCR       2020       874356       Image: Conservatic FCR       2020       874356       Image: Conservatic FCR       2020       874356       Image: Conservatic FCR       2020       874367       Image: Conservatic FCR       2020       874367       Image: Conservatic	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR Save on Energy Heat 2015 - 2020 Conservatic FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873 <td>0425 0432 0432 0435 0440 0447 0447 0519 0519 0519 0519 0519 0519 0519 0519</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425 0432 0432 0435 0440 0447 0447 0519 0519 0519 0519 0519 0519 0519 0519					
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11206       PUC bit Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2010       874306       E <td>112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario</td> <td>Save on Energy Heat 2015 - 2020 Conservatic FCR Save on Energy Heat 2015 - 202</td> <td>2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873     <td>0425 0432 0436 0437 0440 0447 0449 0519 0519 0519 0519 0519 0519 0519 051</td><td></td><td></td><td></td><td></td><td></td></td>	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR Save on Energy Heat 2015 - 202	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873 <td>0425 0432 0436 0437 0440 0447 0449 0519 0519 0519 0519 0519 0519 0519 051</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425 0432 0436 0437 0440 0447 0449 0519 0519 0519 0519 0519 0519 0519 051					
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112048       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2010       874326       Image: Conservatic FCR       2011       874355       Image: Conservatic FCR       2011       874356       Image: Conservatic FCR       2011       874357       Image: Conservatic FCR       2011       874357       Image: Conservatic FCR       2011       874357       Image: Conservatic FCR       2011       874367       Image: Conservatic FCR       2011       87437       Image: Conservatic FCR       2011       875566       Image: Conservatic FCR </td <td>112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario</td> <td>Save on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR</td> <td>2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874     <td>0425 0432 0432 0435 0440 0447 0449 0519 0519 0519 0559 0778 0550 0778 0813 0790 0813 0854 0854 0854 0854 0854 0854 0853 0854 0854 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0855 0853 0855 0855 0855 0855 0855</td><td></td><td></td><td></td><td></td><td></td></td>	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874 <td>0425 0432 0432 0435 0440 0447 0449 0519 0519 0519 0559 0778 0550 0778 0813 0790 0813 0854 0854 0854 0854 0854 0854 0853 0854 0854 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0855 0853 0855 0855 0855 0855 0855</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425 0432 0432 0435 0440 0447 0449 0519 0519 0519 0559 0778 0550 0778 0813 0790 0813 0854 0854 0854 0854 0854 0854 0853 0854 0854 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0854 0853 0855 0853 0855 0855 0855 0855 0855					
11200e       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatir, FCR       2017       874348       Image: Conservatir, FCR       2017       874345       Image: Conservatir, FCR       2017       874355       Image: Conservatir, FCR       2017       874355       Image: Conservatir, FCR       2017       874355       Image: Conservatir, FCR       2017       874356       Image: Conservatir, FCR       2017       874367       Image: Conservatir, FCR       2017       87437       Image: Conservatir, FCR       2017       874381       Image: Conservatir, FCR       2017       874381       Image: Conservatir, FCR       2017       874381       Image: Conservatir, FCR       2017       87539       Image: Conservatir, FCR       2017       87527       Image: Conservatir, FCR       2017       87527       Image: Conservatir, FCR       2017       87527       <	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (ER           Save on	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874 <td>0425         0432           0432         0432           0433         0443           0443         0443           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0524           0519         0524           0524         0524           0525         0533           0526         0533           0526         0533           0526         0533           0526         0533           0526         0533           0527         0533           0528         0424           0404         0424           0428         0428           04306         04316</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0432           0432         0432           0433         0443           0443         0443           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0519           0519         0524           0519         0524           0524         0524           0525         0533           0526         0533           0526         0533           0526         0533           0526         0533           0526         0533           0527         0533           0528         0424           0404         0424           0428         0428           04306         04316					
112051       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2017       874538       87456       6       6       6       6         112052       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2011       87457       6	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario           112038         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (ER           Save on	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0428           0432         0436           0433         0440           0443         0519           0519         0509           0778         070           0813         08054           0833         08054           0123         11023           2028         2145           2368         25330           3539         3684           3596         3793           3684         3696           37932         24284           44260         44306           4316         4321</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0428           0432         0436           0433         0440           0443         0519           0519         0509           0778         070           0813         08054           0833         08054           0123         11023           2028         2145           2368         25330           3539         3684           3596         3793           3684         3696           37932         24284           44260         44306           4316         4321					
112025       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2017       874367       Image: Conservatic FCR       2017       874376       Image: Conservatic FCR       2017       874381       Image: Conservatic FCR       2017       874382       Image: Conservatic FCR       2017       874392       Image: Conservatic FCR       2017       875286       Image: Conservatic FCR       2017       875284       Image: Conservatic FCR       2017       875484       Image: Conservati	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR           Save on	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0432           0432         0432           0433         0434           0443         0443           0519         0509           0519         0690           0778         0790           0813         0854           0813         0854           1023         02028           2145         2368           2568         25330           3539         3539           3584         3539           3592         44049           42284         24284           43206         44316           4321         4348</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0432           0432         0432           0433         0434           0443         0443           0519         0509           0519         0690           0778         0790           0813         0854           0813         0854           1023         02028           2145         2368           2568         25330           3539         3539           3584         3539           3592         44049           42284         24284           43206         44316           4321         4348					
112053       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2017       87487       87599	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario           112041         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425 0432 0432 0433 0434 0447 0449 0519 0519 0519 0519 0539 0778 0813 0778 0813 0790 0813 0790 0813 0790 0813 0790 0813 0790 0813 0790 0833 0854 0790 0790 0833 0854 0790 0790 0790 0790 0790 0790 0790 079</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425 0432 0432 0433 0434 0447 0449 0519 0519 0519 0519 0539 0778 0813 0778 0813 0790 0813 0790 0813 0790 0813 0790 0813 0790 0813 0790 0833 0854 0790 0790 0833 0854 0790 0790 0790 0790 0790 0790 0790 079					
112054       PUC big Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2021       874376       6       6       6       6       6         112055       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2021       874381       6       <	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR           Save on	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0432           0432         0434           0433         044           0443         044           0543         0519           0559         059           0790         059           0793         059           0794         059           0795         059           0796         059           07978         059           07978         059           07978         059           07978         059           07228         059           07228         059           072028         059           0595         059           0595         059           0596         059           05330         0595           0596         059           0595         059           0596         059           0595         059           0596         059           0596         059           0596         059           0596         059           0596         059           0596         059           0596         059&lt;</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0432           0432         0434           0433         044           0443         044           0543         0519           0559         059           0790         059           0793         059           0794         059           0795         059           0796         059           07978         059           07978         059           07978         059           07978         059           07228         059           07228         059           072028         059           0595         059           0595         059           0596         059           05330         0595           0596         059           0595         059           0596         059           0595         059           0596         059           0596         059           0596         059           0596         059           0596         059           0596         059           0596         059<					
112055       PUC Dis Ontario       Save on Energy Heat 2015 - 2020 Conservatic FCR       2017       874381   <	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario           112040         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         870           2017         870           2017         870           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0           0432         0           0433         0           0443         0           0443         0           0519         0           0569         0           0778         0           0783         0           0813         0           0833         0           0854         0           1023         0           2028         0           2145         0           2568         0           25330         0           3539         0           3539         0           3539         0           3544         0           4049         0           4284         0           4300         0           4321         0           43242         0           4325         0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0           0432         0           0433         0           0443         0           0443         0           0519         0           0569         0           0778         0           0783         0           0813         0           0833         0           0854         0           1023         0           2028         0           2145         0           2568         0           25330         0           3539         0           3539         0           3539         0           3544         0           4049         0           4284         0           4300         0           4321         0           43242         0           4325         0					
11205         PUC bit Ontario         Save on Energy Heat 2015-2020 Conservatic FCR         27432         27439         Conservatic FCR         27130         PUC bit Ontario         Save on Energy Heat 2015-2020 Conservatic FCR         27201         27527         Conservatic FCR         27011         27527         C	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (ER           Save on	2017         877           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0428           0432         0432           0433         0434           0443         0447           0519         050           0519         050           0519         050           0778         0790           0813         08033           0854         01023           1023         01975           2028         02145           2145         0233           3530         03533           3539         03684           3696         03333           3793         0449           4224         0409           4224         0409           4306         04316           4316         04326           4325         04358           4355         04367</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0428           0432         0432           0433         0434           0443         0447           0519         050           0519         050           0519         050           0778         0790           0813         08033           0854         01023           1023         01975           2028         02145           2145         0233           3530         03533           3539         03684           3696         03333           3793         0449           4224         0409           4224         0409           4306         04316           4316         04326           4325         04358           4355         04367					
112057         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         87509	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario           112038         PUC Dis Ontario           112040         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0           0432         0           0433         0           0443         0           0443         0           0443         0           0519         0           0569         0           0778         0           078         0           0813         0           0833         0           0833         0           0228         0           1023         0           2266         0           2530         0           3539         0           3684         0           3696         0           3793         0           3684         0           3692         0           3436         0           4321         0           4322         0           43248         0           4325         0           4355         0           4356         0           4357         0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0           0432         0           0433         0           0443         0           0443         0           0443         0           0519         0           0569         0           0778         0           078         0           0813         0           0833         0           0833         0           0228         0           1023         0           2266         0           2530         0           3539         0           3684         0           3696         0           3793         0           3684         0           3692         0           3436         0           4321         0           4322         0           43248         0           4325         0           4355         0           4356         0           4357         0					
112058         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         277586         Conservatic FCR         277587	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0432           0432         0436           0432         0437           0433         0447           0519         0509           0519         0509           0778         0790           0813         08054           01023         01975           1023         01975           2028         02145           2145         0225           5330         03533           3530         03533           3534         0404           4224         0404           4224         0404           43205         0404           4321         4326           4324         0404           4325         0404           4326         0404           4326         0404           4326         0404           4326         0404           4326         0404           4326         0404           4326         0435           4326         0435           4326         0435           4335         0435           43452         0435           <t< td=""><td></td><td></td><td></td><td></td><td></td></t<></td>	0425         0432           0432         0436           0432         0437           0433         0447           0519         0509           0519         0509           0778         0790           0813         08054           01023         01975           1023         01975           2028         02145           2145         0225           5330         03533           3530         03533           3534         0404           4224         0404           4224         0404           43205         0404           4321         4326           4324         0404           4325         0404           4326         0404           4326         0404           4326         0404           4326         0404           4326         0404           4326         0404           4326         0435           4326         0435           4326         0435           4335         0435           43452         0435 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
112000         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatir (FCR         2017         87527	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario           112038         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         874           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0428           0432         0436           0432         0437           0434         0447           0519         0505           0519         0506           0778         0790           0813         08054           0813         08054           1023         01975           1023         01975           2028         02145           2745         0233           3530         0354           3530         0354           3539         0364           3684         04049           4284         0428           4300         0424           4326         04321           4324         04355           43456         04345           4346         04342           43476         04347</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0428           0432         0436           0432         0437           0434         0447           0519         0505           0519         0506           0778         0790           0813         08054           0813         08054           1023         01975           1023         01975           2028         02145           2745         0233           3530         0354           3530         0354           3539         0364           3684         04049           4284         0428           4300         0424           4326         04321           4324         04355           43456         04345           4346         04342           43476         04347					
112061         PUC Dis         Ontario         Save on Energy Heat         2015 - 2020 Conservatic FCR         2017         875827         675848         6	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0           0428         0           0436         0           0437         0           0440         0           0443         0           0519         0           0569         0           0778         0           0790         0           0813         0           0833         0           0834         0           0228         0           2145         0           2266         0           2722         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3544         0           4049         0           4284         0           4326         0           4321         0           4324         0           4325         0           43457         0           4358         0           4359         0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0           0428         0           0436         0           0437         0           0440         0           0443         0           0519         0           0569         0           0778         0           0790         0           0813         0           0833         0           0834         0           0228         0           2145         0           2266         0           2722         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3544         0           4049         0           4284         0           4326         0           4321         0           4324         0           4325         0           43457         0           4358         0           4359         0					
11202         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         875848         6         6         6         6           112063         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         876032         6         <	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112041         PUC Dis Ontario           112042         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0           0428         0           0432         0           0433         0           0443         0           0443         0           0519         0           05690         0           07780         0           0813         0           0854         0           1023         0           1024         0           1025         0           2028         0           2145         0           2568         0           2526         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3530         0           3539         0           3539         0           3530         0           3531         0           3532         0           3533         0           3544         0           355         0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0           0428         0           0432         0           0433         0           0443         0           0443         0           0519         0           05690         0           07780         0           0813         0           0854         0           1023         0           1024         0           1025         0           2028         0           2145         0           2568         0           2526         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3539         0           3530         0           3539         0           3539         0           3530         0           3531         0           3532         0           3533         0           3544         0           355         0					
112058         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatir (FCR         2017         876032           112064         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatir (FCR         2017         876032           112064         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatir (FCR         2017         876328           112066         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatir (FCR         2017         876368           112066         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatir (FCR         2017         87648	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425         0           0428         0           0436         0           0437         0           0440         0           0443         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0522         0           0526         0           0526         0           0526         0           0526         0           0435         0           04326         0           04326         0           04326         0           04326         0           04358         0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425         0           0428         0           0436         0           0437         0           0440         0           0443         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0519         0           0522         0           0526         0           0526         0           0526         0           0526         0           0435         0           04326         0           04326         0           04326         0           04326         0           04358         0					
112064         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         876215           112065         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         876328           112066         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         87638           112066         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatic FCR         2017         87648	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario           112038         PUC Dis Ontario           112049         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>042504280432043504360437043905190509077807807807807908130854083308540833085408330854083308540833085420280833085423682568092236843696379336843696379336843696379336843696379336843696379336843696379336843696379336843696379336843696379336843696379336843697369836983793369836993799236943695379336953696379337923696379337933696379337953796379737973798379837983799379937993790</td> <td></td> <td></td> <td></td> <td></td> <td></td>	042504280432043504360437043905190509077807807807807908130854083308540833085408330854083308540833085420280833085423682568092236843696379336843696379336843696379336843696379336843696379336843696379336843696379336843696379336843696379336843696379336843697369836983793369836993799236943695379336953696379337923696379337933696379337953796379737973798379837983799379937993790					
112055         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatity FCR         2017         876328           112066         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatity FCR         2017         876348           112066         PUC Dis Ontario         Save on Energy Heat 2015 - 2020 Conservatity FCR         2017         876448	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112023         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112029         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112033         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112034         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>0425042804320434043504470519050907780780081308540854021452028214522468292335303539368440494124428943164321432643254345550955266527158245848</td> <td></td> <td></td> <td></td> <td></td> <td></td>	0425042804320434043504470519050907780780081308540854021452028214522468292335303539368440494124428943164321432643254345550955266527158245848					
112066         PUC Dis         Ontario         Save on Energy Heat         2012         876368         2012           112067         PUC Dis         Ontario         Save on Energy Heat         2015 - 2020 Conservative FCR         2017         876448         2016	112014         PUC Dis Ontario           112015         PUC Dis Ontario           112015         PUC Dis Ontario           112016         PUC Dis Ontario           112017         PUC Dis Ontario           112018         PUC Dis Ontario           112019         PUC Dis Ontario           112019         PUC Dis Ontario           112020         PUC Dis Ontario           112021         PUC Dis Ontario           112022         PUC Dis Ontario           112024         PUC Dis Ontario           112025         PUC Dis Ontario           112026         PUC Dis Ontario           112027         PUC Dis Ontario           112028         PUC Dis Ontario           112029         PUC Dis Ontario           112030         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112031         PUC Dis Ontario           112032         PUC Dis Ontario           112034         PUC Dis Ontario           112035         PUC Dis Ontario           112036         PUC Dis Ontario           112037         PUC Dis Ontario           112038         PUC Dis Ontario	Sive on Energy Heat 2015 - 2020 Conservatic (FCR           Save on Energy Heat 2015 - 2020 Conservatic (FCR	2017         877           2017         873           2017         873           2017         873           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874           2017         874 <td>04250428043204330434044305190690077807780778077807780778078079008130854083308540780780780790813085408330854083308541023124512580799135391368414049142841436114321143581435814367143761525815268152711584816032</td> <td></td> <td></td> <td></td> <td></td> <td></td>	04250428043204330434044305190690077807780778077807780778078079008130854083308540780780780790813085408330854083308541023124512580799135391368414049142841436114321143581435814367143761525815268152711584816032					
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112102 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	884975 886319					
112104 PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR	2017	888193					
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112115 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	893646					
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112117 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	893672					
112118 PUC Dis Ontario 112119 PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR Save on Energy Heat 2015 - 2020 Conservatic FCR	2017 2017	893677 894015					
112119 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	894128					
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112122 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	895930					
112123 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	896730					
112124 PUC Dis Ontario 112125 PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR Save on Energy Heat 2015 - 2020 Conservatic FCR	2017	897102 897128					
112126 PUC Dis Ontario	Save on Energy Heat 2015 - 2020 Conservatic FCR	2017	897129					
112127 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017	897435					
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112129 PUC Dis Ontario 112130 PUC Dis Ontario	Save on Energy Heati 2015 - 2020 Conservatic FCR	2017 2017	899122 899177					
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DescriptionTrackSubmissionStartCompletionUnitCountIncentiveReportingFerid(yyyy/MM/DD)Date(yyyy/MM/DD)Date(yyyy/MM/DD)Name(a)IncentiveReportingFeridBy;Iber details(yyyy/MM/DD)Date(yyyy/MM/DD)Name(a)Number ofCoupons(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)(b)(b)By;(b)(b)By;(b)(b)By;(b)(b)(b)(b)(b)(b)By;(b)(b)(b)(b)By;(b)(b)(b)(b)(b)By;(b)(c)(b)(c	C / IESO) 0 0 0 0 0 0 0 0 0 0 0 0 0		Gross First Year Sa Energy (kWh) 63.15	Peak Demand (kW)
Blended baseline impacts - TRUE-UP         Coupons (#)         Coupons (#) <thcoupons(#)< th="">         Coupons (#)         <thco< th=""><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th></th><th>(kWh)</th><th>Demand</th></thco<></thcoupons(#)<>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		(kWh)	Demand
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HEAR pilot         Prescriptive         2017-01-17         Measure         10.00         268.30         IESC           HEAR pilot         Prescriptive         2017-01-17         Measure         10.00         268.30         IESC           HEAR pilot         Prescriptive         2017-01-17         Measure         10.00         268.30         IESC           HEAR pilot         Prescriptive         2017-01-18         Measure         7.00         139.33         IESC           HEAR pilot         Prescriptive         2017-01-18         Measure         11.00         311.29         IESC           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESC           HEAR pilot         Prescr	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		726.79	0.31
HEAR pilot         Prescriptive         2017-01-18         Measure         7.00         139.33         IESS           HEAR pilot         Prescriptive         2017-01-18         Measure         11.00         311.29         IESS           HEAR pilot         Prescriptive         2017-01-18         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-28         Measure         11.00         511.29         IESS           HEAR pilot         Prescr	0 0 0 0		913.25 772.30	0.16
HEAR pilot         Prescriptive         2017-01-18         Measure         11.00         311.29         IESC           HEAR pilot         Prescriptive         2017-01-18         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-23         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-24         Measure         11.00         511.29         IESC           HEAR pilot         Presc	0		772.30 582.85	
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HEAR pilot         Prescriptive         2017-01-19         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-01-23         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-01-23         Measure         7.00         339.33         IESO           HEAR pilot         Prescriptive         2017-01-24         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-01-24         Measure         11.00         511.29         IESO	0		835.45	0.16
HEAR pilot         Prescriptive         2017-01-20         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-23         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-23         Measure         7.00         339.33         IESS           HEAR pilot         Prescriptive         2017-01-24         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-24         Measure         11.00         511.29         IESS           HEAR pilot         Prescriptive         2017-01-24         Measure         11.00         511.29         IESS			972.05 835.45	0.16
HEAR pilot         Prescriptive         201701-23         Measure         7.00         339.93         IESC           HEAR pilot         Prescriptive         2017-01-24         Measure         1.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-24         Measure         1.00         511.29         IESC			835.45 835.45	
HEAR pilot         Prescriptive         2017-01-24 Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-24 Measure         11.00         511.29         IESC			835.45 582.85	
	0		835.45	0.16
	0		835.45 772.30	0.16
HEAR pilot         Prescriptive         2017-01-25 Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-25 Measure         6.00         337.94         IESC			835.45 578.15	0.16
HEAR pilot         Prescriptive         2017-01-25         Measure         10.00         509.90         IESC           HEAR pilot         Prescriptive         2017-01-26         Measure         11.00         511.29         IESC			830.75 835.45	
HEAR pilot         Prescriptive         2017-01-26         Measure         10.00         468.30         IESC	0		772.30	0.16
HEAR pilot         Prescriptive         2017-01-27         Measure         11.00         511.29         IESC	0		772.30 835.45	0.16
HEAR pilot         Prescriptive         2017-01-30         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-30         Measure         8.00         606.96         IESC			835.45 644.29	0.16
HEAR pilot         Prescriptive         2017-01-30         Measure         10.00         503.29         IESC           HEAR pilot         Prescriptive         2017-01-31         Measure         10.00         509.90         IESC			505.05 830.75	0.01 0.16
HEAR pilot         Prescriptive         2017-01-31         Measure         10.00         503.29         IESC	0		505.05	0.01
HEAR pilot         Prescriptive         2017-02-01 Measure         5.00         373.35         IESC           HEAR pilot         Prescriptive         2017-02-03 Measure         5.00         373.35         IESC	0		257.30 257.30	0.00
HEAR pilot         Prescriptive         2017-02-03 [Measure         7.00         398.96         IESC           HEAR pilot         Prescriptive         2017-02-06 [Measure         4.00         235.00         IESC	-		313.89 391.69	0.00
HEAR pilot         Prescriptive         2017-01-31         Messure         10.00         509.90         IESC           HEAR pilot         Prescriptive         2017-02-02         Messure         11.00         511.29         IESC			830.75 835.45	
HEAR pilot         Prescriptive         2017-02-02         Measure         10.00         503.29         IESC	0		505.05	0.01
HEAR pilot         Prescriptive         2017-02-02         Measure         11.00         511.29         IESO           HEAR pilot         Prescriptive         2017-02-02         Measure         11.00         511.29         IESO			835.45 835.45	
HEAR pilot         Prescriptive         2017-02-02 [Measure         4.00         228.39         IESC           HEAR pilot         Prescriptive         2017-02-01 [Measure         9.00         408.35         IESC			65.99 648.99	
HEAR pilot         Prescriptive         2017-02-01         Measure         4.00         228.39         IESC			65.99 835.45	0.00
HEAR pilot         Prescriptive         2017-01-20         Measure         10.00         468.30         IESC	0		772.30	0.16
HEAR pilot         Prescriptive         2017-01-24 Measure         9.00         466.91         IESC           HEAR pilot         Prescriptive         2017-02-03 Measure         7.00         398.96         IESC	0		767.60 313.89	0.00
HEAR pilot         Prescriptive         2017-02-03 Measure         9.00         408.35         IESC           HEAR pilot         Prescriptive         2017-02-06 Measure         6.00         320.98         IESC			648.99 517.99	
HEAR pilot         Prescriptive         2017-02-06         Measure         3.00         227.00         IESC           HEAR pilot         Prescriptive         2017-02-06         Measure         3.00         227.00         IESC			61.29 61.29	0.00
HEAR pilot         Prescriptive         2017-02-06         Measure         7.00         363.97         IESC	0		581.14	0.16
HEAR pilot         Prescriptive         2017-02-07         Measure         7.00         363.97         IESC           HEAR pilot         Prescriptive         2017-02-07         Measure         7.00         363.97         IESC			581.14 581.14	0.16
HEAR pilot         Prescriptive         2017-02-07 (Measure         5.00         345.97         IESC           HEAR pilot         Prescriptive         2017-02-08 (Measure         5.00         373.35         IESC			540.28 257.30	
HEAR pilot         Prescriptive         2017-02-09         Messure         7.00         398.96         IESC           HEAR pilot         Prescriptive         2017-01-26         Messure         11.00         511.29         IESC	0		313.89 835.45	
HEAR pilot         Prescriptive         2017-02-16         Measure         6.00         355.97         IESC	0		250.74	0.00
HEAR pilot         Prescriptive         2017-01-25         Measure         10.00         509.90         IESC           HEAR pilot         Prescriptive         2017-02-08         Measure         6.00         382.35         IESC	0		830.75 277.73	0.00
HEAR pilot         Prescriptive         2017-01-27         Measure         11.00         511.29         IESC           HEAR pilot         Prescriptive         2017-01-23         Measure         11.00         511.29         IESC			835.45 835.45	0.16
HEAR pilot         Prescriptive         2017-02-08         Measure         1.00         242.99         IESC           HEAR pilot         Prescriptive         2017-01-30         Measure         8.00         400.35         IESC	0		63.15 318.59	0.00
HEAR pilot         Prescriptive         2017-01-31         Measure         7.00         476.29         IESC	0		443.76	0.00
HEAR pilot         Prescriptive         2017-02-13 Measure         8.00         400.35         IESO           HEAR pilot         Prescriptive         2017-02-09 Measure         8.00         400.35         IESO	0		318.59 318.59	0.01
HEAR pilot         Prescriptive         2017-02-10         Measure         8.00         406.96         IESC           HEAR pilot         Prescriptive         2017-02-13         Measure         9.00         408.35         IESC			644.29 648.99	
HEAR pilot         Prescriptive         2017-02-10         Measure         9.00         408.35         IESC           HEAR pilot         Prescriptive         2017-02-10         Measure         9.00         408.35         IESC			648.99 648.99	0.16
HEAR pilot         Prescriptive         2017-02-13         Measure         5.00         173.35         IESC	0		257.30	0.00
HEAR pilot         Prescriptive         2017-02-09         Measure         9.00         408.35         IESO           HEAR pilot         Prescriptive         2017-02-10         Measure         5.00         338.36         IESO	0		648.99 524.55	0.16
HEAR pilot         Prescriptive         2017-03-15         Measure         4.00         371.96         IESC           HEAR pilot         Prescriptive         2017-02-16         Measure         8.00         400.35         IESC			252.60 318.59	
HEAR pilot         Prescriptive         2017-02-14         Measure         7.00         398.96         IESC           HEAR pilot         Prescriptive         2017-02-17         Measure         7.00         398.96         IESC	0		313.89 313.89	0.00
HEAR pilot         Prescriptive         2017-02-08         Measure         5.00         373.35         IESC	0		257.30	0.00
HEAR pilot         Prescriptive         2017-02-14         Measure         9.00         408.35         IESC           HEAR pilot         Prescriptive         2017-02-15         Measure         8.00         400.35         IESC	0		648.99 318.59	0.01
HEAR pilot         Prescriptive         2017-02-21 Measure         8.00         400.35         IESC           HEAR pilot         Prescriptive         2017-02-215 Measure         6.00         320.98         IESC			318.59 517.99	0.01
HEAR pilot         Prescriptive         2017-02-24         Measure         8.00         406.96         IESC           HEAR pilot         Prescriptive         2017-02-15         Measure         7.00         398.96         IESC			644.29 313.89	0.16
HEAR pilot         Prescriptive         2017-02-16         Measure         6.00         388.96         IESC	0		603.43	0.16
HEAR pilot         Prescriptive         2017-02-16         Measure         8.00         400.35         IESO           HEAR pilot         Prescriptive         2017-02-17         Measure         7.00         357.36         IESO	0		318.59 255.44	0.00
HEAR pilot         Prescriptive         2017-02-21         Measure         8.00         400.35         IESC           HEAR pilot         Prescriptive         2017-02-21         Measure         9.00         400.35         IESC			318.59 648.99	
HEAR pilot         Prescriptive         2017-02-22         Measure         8.00         400.35         IESC           HEAR pilot         Prescriptive         2017-02-28         Measure         8.00         400.35         IESC	0		318.59 318.59	0.01
HEAR pilot         Prescriptive         2017-02-21         Measure         7.00         357.36         IESC	0		255.44	0.00
HEAR pilot         Prescriptive         2017-02-17         Measure         8.00         400.35         IESC           HEAR pilot         Prescriptive         2017-02-22         Measure         9.00         443.34         IESC	0		318.59 381.74	0.01
HEAR pilot         Prescriptive         2017-02-27         Messure         8.00         400.35         IESC           HEAR pilot         Prescriptive         2017-02-22         Messure         7.00         398.96         IESC			318.59 252.60	
HEAR pilot         Prescriptive         2017/0-22 (Measure         9.00         408.35         IESC           HEAR pilot         Prescriptive         2017/0-22 (Measure         6.00         320.98         IESC	0		648.99 517.99	0.16
HEAR pilot         Prescriptive         2017-02-23         Measure         10.00         451.34         IESC	0		712.14	0.16
HEAR pilot         Prescriptive         2017-02-24         Measure         9.00         408.35         IESC           HEAR pilot         Prescriptive         2017-04-03         Measure         3.00         128.97         IESC			648.99	0.16

	Prescriptive		7 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		3 Measure	5.00	271.38	IESO	 129.14	0.00
	Prescriptive Prescriptive		7 Measure 7 Measure	8.00	400.35 355.97	IESO	318.59 250.74	0.01
	Prescriptive		1 Measure	8.00	373.97	IESO	291.60	0.00
	Prescriptive		8 Measure	8.00	400.35	IESO	318.59	0.01
HEAR pilot	Prescriptive	2017-03-0	1 Measure	9.00	408.35	IESO	648.99	0.16
	Prescriptive		8 Measure	9.00	408.35	IESO	648.99	0.16
	Prescriptive		5 Measure	5.00	271.38	IESO	129.14	0.00
	Prescriptive		1 Measure 2 Measure	4.00	295.37 400.35	IESO	 461.40 318.59	0.16
	Prescriptive Prescriptive		4 Measure	3.00	328.97	IESO	189.45	0.01
	Prescriptive		4 Measure	5.00	236.39	IESO	396.39	0.16
	Prescriptive	2017-03-0	2 Measure	8.00	400.35	IESO	318.59	0.01
HEAR pilot	Prescriptive	2017-04-0	6 Measure	9.00	408.35	IESO	648.99	0.16
	Prescriptive		3 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		3 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		3 Measure 3 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive Prescriptive		3 Measure	13.00 8.00	601.75 406.96	IESO	982.23 644.29	0.32
	Prescriptive		2 Measure	9.00	408.35	IESO	648.99	0.16
	Prescriptive		6 Measure	6.00	355.97	IESO	250.74	0.00
HEAR pilot	Prescriptive	2017-03-0	6 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		6 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		6 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive Prescriptive		7 Measure 7 Measure	6.00 7.00	355.97 398.96	IESO IESO	 250.74 313.89	0.00
	Prescriptive		7 Measure	9.00	408.35	IESO	648.99	0.00
	Prescriptive		7 Measure	7.00	357.36	IESO	255.44	0.00
	Prescriptive		8 Measure	6.00	355.97	IESO	250.74	0.00
	Prescriptive		8 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		8 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		9 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		9 Measure	5.00	373.35	IESO	257.30	0.00
	Prescriptive Prescriptive		9 Measure 3 Measure	8.00	406.96	IESO	644.29 313.89	0.16
	Prescriptive		6 Measure	12.00	534.28	IESO	1,008.25	0.00
	Prescriptive		8 Measure	8.00	400.35	IESO	318.59	0.01
HEAR pilot	Prescriptive		0 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		0 Measure	9.00	408.35	IESO	648.99	0.16
	Prescriptive		9 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive Prescriptive		3 Measure	8.00	400.35 400.35	IESO IESO	318.59 318.59	0.01
	Prescriptive		5 Measure 3 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		1 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		3 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive	2017-04-2	0 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		0 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		0 Measure 0 Measure	6.00	355.97	IESO	250.74	0.00
	Prescriptive Prescriptive		0 Measure	7.00	355.97	IESO	313.89	0.00
	Prescriptive		5 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		0 Measure	8.00	406.96	IESO	644.29	0.16
HEAR pilot	Prescriptive	2017-03-2	0 Measure	9.00	408.35	IESO	648.99	0.16
	Prescriptive		0 Measure	7.00	363.97	IESO	581.14	0.16
	Prescriptive		2 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive Prescriptive		0 Measure 4 Measure	8.00	400.35 400.35	IESO	 318.59 318.59	0.01
	Prescriptive		1 Measure	5.00	277.99	IESO	454.84	0.16
	Prescriptive		2 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		1 Measure	6.00	320.98	IESO	517.99	0.16
	Prescriptive		1 Measure	5.00	379.96	IESO	 583.00	0.16
	Prescriptive		2 Measure	7.00	398.96 398.96	IESO	313.89 313.89	0.00
	Prescriptive Prescriptive		1 Measure	8.00	400.35	IESO	313.89	0.00
	Prescriptive		3 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		3 Measure	4.00	371.96	IESO	252.60	0.00
HEAR pilot	Prescriptive	2017-03-2	8 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		3 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		3 Measure	4.00	330.36	IESO	 194.15	0.00
	Prescriptive		4 Measure 4 Measure	5.00	236.39	IESO	396.39 192.29	0.16
	Prescriptive Prescriptive		4 Measure	9.00	314.37 408.35	IESO	648.99	0.00
	Prescriptive		2 Measure	6.00	355.97	IESO	250.74	0.00
	Prescriptive		7 Measure	8.00	406.96	IESO	644.29	0.16
	Prescriptive		7 Measure	6.00	355.97	IESO	250.74	0.00
	Prescriptive		8 Measure	8.00	406.96	IESO	 644.29	0.16
	Prescriptive Prescriptive		0 Measure 7 Measure	7.00	398.96 424.35	IESO	313.89 1,309.79	0.00
	Prescriptive		9 Measure	8.00	424.35 406.96	IESO	644.29	0.47
	Prescriptive		9 Measure	7.00	363.97	IESO	581.14	0.16
	Prescriptive		9 Measure	6.00	355.97	IESO	250.74	0.00
HEAR pilot	Prescriptive		9 Measure	7.00	363.97	IESO	581.14	0.16
	Prescriptive		9 Measure	3.00	227.00	IESO	61.29	0.00
	Prescriptive		8 Measure 3 Measure	8.00	400.35 406.96	IESO	318.59	0.01
	Prescriptive Prescriptive		3 Measure 3 Measure	8.00	406.96	IESO	644.29 318.59	0.16
	Prescriptive		0 Measure	8.00	406.96	IESO	644.29	0.01
HEAR pilot	Prescriptive	2017-03-3	1 Measure	5.00	373.35	IESO	257.30	0.00
HEAR pilot	Prescriptive		0 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive		3 Measure	9.00	443.34	IESO	381.74	0.01
	Prescriptive Prescriptive		1 Measure 0 Measure	8.00	400.35 398.96	IESO IESO	318.59 313.89	0.01
	Prescriptive		3 Measure	8.00	400.35	IESO	313.89	0.00
	Prescriptive		1 Measure	9.00	208.35	IESO	648.99	0.16
	Prescriptive		8 Measure	8.00	400.35	IESO	318.59	0.01
HEAR pilot	Prescriptive	2017-03-0	9 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		5 Measure	8.00	400.35	IESO	318.59	0.01
	Prescriptive Prescriptive		4 Measure 2 Measure	9.00	408.35	IESO	648.99 648.99	0.16
	Prescriptive		4 Measure	9.00	408.35	IESO	257.30	0.16
	Prescriptive		4 Measure	5.00	379.96	IESO	583.00	0.00
	Prescriptive		5 Measure	5.00	379.96	IESO	583.00	0.16
HEAR pilot	Prescriptive	2017-04-0	15 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		5 Measure	7.00	398.96	IESO	313.89	0.00
	Prescriptive		0 Measure	7.00	363.97	IESO	581.14	0.16
	Prescriptive Prescriptive		0 Measure 1 Measure	8.00	400.35 398.96	IESO	318.59 313.89	0.01
HEAR pilot	Prescriptive		.0 Measure	7.00	398.96	IESO	313.89	0.00
			1 Measure	8.00	406.96	IESO	644.29	0.16
HEAR pilot	Prescriptive		1 Measure	9.00	408.35	IESO	648.99	0.16
HEAR pilot HEAR pilot HEAR pilot	Prescriptive							
HEAR pilot HEAR pilot HEAR pilot HEAR pilot	Prescriptive Prescriptive	2017-04-1	1 Measure	9.00	405.35	IESO	1,578.90	0.62
HEAR pilot HEAR pilot HEAR pilot HEAR pilot HEAR pilot	Prescriptive Prescriptive Prescriptive	2017-04-1 2017-04-1	1 Measure 2 Measure	9.00 11.00	511.29	IESO	1,578.90 835.45	0.16
HEAR pilot HEAR pilot HEAR pilot HEAR pilot HEAR pilot HEAR pilot	Prescriptive Prescriptive	2017-04-1 2017-04-2 2017-04-2	1 Measure	9.00			1,578.90	

BATLE         Description         Description <thdescription< th=""> <thdescription< th=""> <thde< td=""><td></td><td>Prescriptive</td><td></td><td></td><td>2017-04-06</td><td>Measure</td><td>7.00</td><td></td><td>363.97</td><td></td><td></td><td></td><td>581.14</td><td>0.16</td></thde<></thdescription<></thdescription<>		Prescriptive			2017-04-06	Measure	7.00		363.97				581.14	0.16
Control         Contro <thcontrol< th=""> <thcontrol< th=""> <thco< td=""><td>HEAR pilot</td><td>Prescriptive</td><td></td><td></td><td>2017-03-14</td><td>Measure</td><td>4.00</td><td></td><td>330.36</td><td></td><td></td><td></td><td>194.15</td><td>0.00</td></thco<></thcontrol<></thcontrol<>	HEAR pilot	Prescriptive			2017-03-14	Measure	4.00		330.36				194.15	0.00
MADE         MADE        MADE        MADE        MA		Prescriptive			2017-03-14	Measure	8.00		365.36				585.84	0.16
Partial         Provide         Partial         Partial <t< td=""><td>HEAR pilot</td><td>Prescriptive</td><td></td><td></td><td>2017-03-14</td><td>Measure</td><td>7.00</td><td></td><td>398.96</td><td></td><td></td><td></td><td>313.89</td><td>0.00</td></t<>	HEAR pilot	Prescriptive			2017-03-14	Measure	7.00		398.96				313.89	0.00
marge         marge <th< td=""><td></td><td>Prescriptive</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.01</td></th<>		Prescriptive												0.01
Constructure         Constructure        Constructure        Constructure <td></td> <td>Prescriptive</td> <td></td> <td>0.01</td>		Prescriptive												0.01
BADE         Desc         Desc <thdesc< th="">        Desc         <thdesc< th="">         De</thdesc<></thdesc<>														0.00
														0.00
BADY         NOVE         STATE         NOVE         NOVE        NOVE         NOVE         NOVE <td></td> <td>0.00</td>														0.00
bit         Display         Display <thdisplay< th=""> <thdisplay< th=""> <thdispl< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> </td><td></td><td>0.01</td></thdispl<></thdisplay<></thdisplay<>												 		0.01
def def         map def <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.16</td></t<>														0.16
dials												 		0.01
Martial         Martial <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.16</td></t<>														0.16
dial         mat         Bit         Bit <td></td> <td>0.00</td>														0.00
Protect         Protect <t< td=""><td></td><td>Prescriptive</td><td></td><td></td><td>2017-04-19</td><td>Measure</td><td>8.00</td><td></td><td>365.36</td><td></td><td>IESO</td><td></td><td>585.84</td><td>0.16</td></t<>		Prescriptive			2017-04-19	Measure	8.00		365.36		IESO		585.84	0.16
Disple         Disple<	HEAR pilot	Prescriptive			2017-04-21	Measure	8.00		400.35		IESO		318.59	0.01
Bath of mage         Bath of Bath	HEAR pilot	Prescriptive			2017-04-25	Measure	6.00		474.90		IESO		439.06	0.00
Barter	HEAR pilot	Prescriptive			2017-04-25	Measure	7.00		482.90		IESO		769.46	0.16
Barby Mart         Barby	HEAR pilot	Prescriptive			2017-04-25	Measure	9.00		501.90		IESO		500.35	0.01
	HEAR pilot	Prescriptive			2017-04-25	Measure	9.00		501.90		IESO		500.35	0.01
Bartiely         Margies         Barties	HEAR pilot	Prescriptive			2017-04-21	Measure	8.00		400.35		IESO		318.59	0.01
Image         Image <t< td=""><td>HEAR pilot</td><td>Prescriptive</td><td></td><td></td><td>2017-04-24</td><td>Measure</td><td>11.00</td><td></td><td>511.29</td><td></td><td>IESO</td><td></td><td>835.45</td><td>0.16</td></t<>	HEAR pilot	Prescriptive			2017-04-24	Measure	11.00		511.29		IESO		835.45	0.16
Image         Image <t< td=""><td>HEAR pilot</td><td>Prescriptive</td><td></td><td></td><td>2017-03-28</td><td>Measure</td><td>9.00</td><td></td><td>408.35</td><td></td><td>IESO</td><td></td><td>648.99</td><td>0.16</td></t<>	HEAR pilot	Prescriptive			2017-03-28	Measure	9.00		408.35		IESO		648.99	0.16
Restar	HEAR pilot	Prescriptive			2017-04-24	Measure	9.00		501.90		IESO		500.35	0.01
Mathem         Martene         Martene <t< td=""><td>HEAR pilot</td><td>Prescriptive</td><td></td><td></td><td>2017-04-27</td><td>Measure</td><td>7.00</td><td></td><td>482.90</td><td></td><td>IESO</td><td></td><td>769.46</td><td>0.16</td></t<>	HEAR pilot	Prescriptive			2017-04-27	Measure	7.00		482.90		IESO		769.46	0.16
	HEAR pilot	Prescriptive			2017-04-27	Measure	9.00		466.91		IESO		767.60	0.16
And and any and any	HEAR pilot	Prescriptive			2017-04-27	Measure	10.00		509.90		IESO		830.75	0.16
Instant         Normal         Norma	HEAR pilot	Prescriptive			2017-04-26	Measure	10.00		503.29		IESO		505.05	0.01
mb         mb<					2017-04-27	Measure	10.00		509.90		IESO		830.75	0.16
Market         Markt         Markt         Markt <td></td> <td></td> <td></td> <td></td> <td>2017-04-26</td> <td>Measure</td> <td>6.00</td> <td></td> <td>274.90</td> <td></td> <td>IESO</td> <td></td> <td>439.06</td> <td>0.00</td>					2017-04-26	Measure	6.00		274.90		IESO		439.06	0.00
Marting         Normal         Sol         Sol        Sol         Sol		Prescriptive			2017-04-28	Measure	10.00		509.90		IESO		830.75	0.16
Barbar         Martial and Processing         Martial and Processing <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>509.90</td><td></td><td></td><td></td><td>830.75</td><td>0.16</td></t<>									509.90				830.75	0.16
National		Prescriptive			2017-04-27	Measure	9.00						500.35	0.01
physip         masses         masses         mass		Prescriptive			2017-04-06	Measure	8.00		406.96				644.29	0.16
Image         Image <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.01</td></t<>														0.01
mod         Mod <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>648.99</td> <td>0.16</td>							9.00						648.99	0.16
mb         join         Math			2016-11-17	2016-11-14				/a		Mar 2017			69,408.81	3.08
Made         Name         Data         Data <thdata< th="">        Data         Data         <thd< td=""><td></td><td></td><td>2016-01-12</td><td>2016-12-01</td><td></td><td></td><td></td><td></td><td>3,457.50</td><td>Dec 2017</td><td>IESO</td><td></td><td>69,408.81</td><td>3.08</td></thd<></thdata<>			2016-01-12	2016-12-01					3,457.50	Dec 2017	IESO		69,408.81	3.08
form         Nome         Nome <t< td=""><td></td><td>Annual</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>IESO</td><td>2016 Annual</td><td></td><td>1.29</td></t<>		Annual									IESO	2016 Annual		1.29
Bases         Bases <t< td=""><td></td><td>Annual</td><td></td><td></td><td></td><td>Products</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.05</td></t<>		Annual				Products								0.05
India         India <t< td=""><td></td><td>Bi-Annual</td><td></td><td></td><td></td><td>Products</td><td>9,880.18</td><td>5,326.31</td><td>25,295.17</td><td></td><td>IESO</td><td></td><td></td><td>6.03</td></t<>		Bi-Annual				Products	9,880.18	5,326.31	25,295.17		IESO			6.03
Image         Product         1322         13.00         40.00         10.00         <														8.90
LandControlBall ofBall of											IESO			0.21
neuron sectorNoteN		Bi-Annual				Products	89,417.47	36,211.16	233,790.69		IESO	2017 Bi-Annual	736,071.87	50.32
Nameria (more into300 (30)3016	Reporting_Fur	rnace Equip	2017-12-20		2016-12-13	Measure	1.00		250.00	Jan 2018	IESO		1,228.00	0.37
mapping juncatagemapping juncatagem	Reporting_Fur	rnace Equip	2017-08-09		2016-12-13	Measure	1.00		250.00	Aug 2017	IESO		1,228.00	0.37
SpectralSpectr	Reporting_Fur	rnace Equip	2017-05-23		2016-12-19	Measure	1.00		250.00	Jun 2017	IESO		1,228.00	0.37
spent genute sine300 and 30 and	Reporting Fur	rnace Equip			2016-12-19	Measure								0.38
uppertunindex					2017-01-06	Measure					IESO			0.37
spectrajunct dayjunct day<			2017-01-12		2017-01-06	Measure	1.00		250.00	Mar 2017	IESO		1,228.00	0.37
negating functionStart of the Marger1.00 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>IESO</td><td></td><td></td><td>0.37</td></th<>											IESO			0.37
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Importing <td></td> <td></td> <td>2017-01-25</td> <td></td> <td>2017-01-10</td> <td>Measure</td> <td>1.00</td> <td></td> <td>250.00</td> <td></td> <td>IESO</td> <td></td> <td>1,228.00</td> <td>0.37</td>			2017-01-25		2017-01-10	Measure	1.00		250.00		IESO		1,228.00	0.37
spectral protocolability <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.37</td></th<>														0.37
Inspectry <td></td> <td></td> <td></td> <td></td> <td>2017-01-09</td> <td>Measure</td> <td></td> <td></td> <td></td> <td></td> <td>IESO</td> <td></td> <td>1,228.00</td> <td>0.37</td>					2017-01-09	Measure					IESO		1,228.00	0.37
spectral protect opState <td></td> <td>0.37</td>														0.37
nymeringinto into into into into into into into			2017-04-18		2017-01-10	Measure	1.00		250.00	May 2017	IESO			0.37
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spectral         instruction         Biol			2017-02-03		2017-01-24	Measure	1.00		250.00	Mar 2017	IESO		1,228.00	0.37
spectral, functor for spectral, functor for s			2017-04-06		2017-01-13	Measure	1.00		250.00	May 2017	IESO		1,228.00	0.37
spectral, functor for spectral, functor for s	Reporting Fur	rnace Equip	2017-08-04		2017-01-03	Measure	2.00		650.00	Aug 2017	IESO		1,244.86	0.38
spectral, functor facemode320.20.40320.70.41Material1.00520.00Mar 2001001.22.001.22														0.37
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spectral         instance faul         207 0.0.50         Mare 207         FAG         FAG         Image 100         1.244.86         O           spectral         instance faul         207 0.0.10         Mare 207         60.0         Mare 207         60.0         1.244.86         0.0         1.228.0         0.0					2017-01-11	Measure								0.37
spectral protects p														0.38
spectral         functional product         Status         1.0         Status          Status         Status<											IESO			0.37
spectrag         starting	Reporting_Fur	rnace Equip					1.00				IESO			0.37
spepting furmes Equi         2010-031         2010-031         Mean         1.00         2000         M.207         MSO         1.128.0         0.0           spepting furmes Equi         2010-031         Mean         1.00         7200         M.207         RSO         600         1.228.0         0.0           spepting furmes Equi         2010-030         March         1.00         7200         March         1.00         7200         March         1.00         1.228.0         0.0           spepting furmes Equi         2017-035         2017-035         March         1.00         7200         March         1.00<														0.37
spectral         function			2017-03-21		2017-01-31	Measure	1.00		250.00	Apr 2017	IESO		1,228.00	0.37
spectral			2017-02-16		2017-02-01	Measure	1.00		250.00	Mar 2017	IESO		1,228.00	0.37
spectral         general         <	Reporting_Fur	rnace Equip	2017-02-07		2017-01-31	Measure	1.00		250.00	Mar 2017	IESO		1,228.00	0.37
pepering-furnare fault20170-3.5	Reporting_Fur	rnace Equip	2017-02-04		2017-01-17	Measure	2.00		650.00	Mar 2017	IESO		1,244.86	0.38
spepting_furnace Eqsip         2027/07-14         2027/03-14         Measure         1.00         250.00         Aug 2027         ISO         I.220.00         I.220.00 <thi.220.00< th=""></thi.220.00<>	Reporting_Fur	rnace Equip	2017-08-29		2017-02-02	Measure	1.00		250.00	Sep 2017	IESO		1,228.00	0.37
pepertagianase fagi20170-30Mesure1.02500M.2076506501.22001.22000.2000Repertagianase fagi20170-1620170-26Mesure1.002500M.207065061.22000.00Repertagianase fagi20170-1520170-13Mesure1.006500M.207065061.22000.00Repertagianase fagi20170-1520170-13Mesure1.002500A.207065061.22000.00Repertagianase fagi20170-1520170-20Mesure1.002500A.207065061.22000.00Repertagianase fagi20170-1520170-20Mesure2.006600A.207065061.24600.00Repertagianase fagi20170-1520170-20Mesure2.006600A.207065061.24601.24600.00Repertagianase fagi20170-16Mesure2.006600A.207065061.24601.24600.00Repertagianase fagi20170-16Mesure1.002.200A.207065061.24601.24601.24601.2460Repertagianase fagi20170-16Mesure1.002.200A.207065061.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.2460 <t< td=""><td>Reporting_Fur</td><td>rnace Equip</td><td>2017-02-15</td><td></td><td>2017-01-25</td><td>Measure</td><td>1.00</td><td></td><td>250.00</td><td>Mar 2017</td><td>IESO</td><td></td><td>1,228.00</td><td>0.37</td></t<>	Reporting_Fur	rnace Equip	2017-02-15		2017-01-25	Measure	1.00		250.00	Mar 2017	IESO		1,228.00	0.37
pepertagianase fagi20170-30Mesure1.02500M.2076506501.22001.22000.2000Repertagianase fagi20170-1620170-26Mesure1.002500M.207065061.22000.00Repertagianase fagi20170-1520170-13Mesure1.006500M.207065061.22000.00Repertagianase fagi20170-1520170-13Mesure1.002500A.207065061.22000.00Repertagianase fagi20170-1520170-20Mesure1.002500A.207065061.22000.00Repertagianase fagi20170-1520170-20Mesure2.006600A.207065061.24600.00Repertagianase fagi20170-1520170-20Mesure2.006600A.207065061.24601.24600.00Repertagianase fagi20170-16Mesure2.006600A.207065061.24601.24600.00Repertagianase fagi20170-16Mesure1.002.200A.207065061.24601.24601.24601.2460Repertagianase fagi20170-16Mesure1.002.200A.207065061.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.24601.2460 <t< td=""><td></td><td></td><td>2017-07-14</td><td></td><td>2017-01-24</td><td>Measure</td><td>1.00</td><td></td><td>250.00</td><td>Aug 2017</td><td>IESO</td><td></td><td>1,228.00</td><td>0.37</td></t<>			2017-07-14		2017-01-24	Measure	1.00		250.00	Aug 2017	IESO		1,228.00	0.37
peptring_inurance faqui         2007-04/2         Measure         1.00         2500         Apr.200         160         1.2200			2017-02-07		2017-01-30	Measure	1.00		250.00	Mar 2017	IESO		1,228.00	0.37
peptortaginaria         2017-02-04         2017-02-05         10.0         2000         M.2007         ESC         10.0         12.20.0 <t< td=""><td></td><td></td><td>2017-03-17</td><td></td><td></td><td></td><td>1.00</td><td></td><td>250.00</td><td>Apr 2017</td><td></td><td></td><td>1,228.00</td><td>0.37</td></t<>			2017-03-17				1.00		250.00	Apr 2017			1,228.00	0.37
Reporting Furnance Equip         2017-01-31         Masure         D.00         Mar.2017         ESD         ESD         L.244.66         D.03           Reporting Furnace Equip         2017-01-31         Masure         L.00         C.250.00         Apr.2017         ESD         L.228.00         L.228.00         D.328.00         D.328.00 <thd.328.00< th="">         D.328.00        <thd< td=""><td></td><td></td><td>2017-07-04</td><td></td><td>2017-02-06</td><td>Measure</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.37</td></thd<></thd.328.00<>			2017-07-04		2017-02-06	Measure								0.37
spepting, Furnace Guig         2217-01-21         S207-01-20         March 2017					2017-01-13	Measure								0.38
peptring-Furnace Equip         2017 07:14         2017 02.15         2017 02.03         Mesure         1.0         250.00         Arg 2017         ISO         ISO         IL228.00         0.0           peptring-Furnace Equip         2017 02.15         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.05         2017 02.06         Mesure         2.00         650.00         Arg 2017         ISO          1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         0.00         1.248.0         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										Apr 2017				0.37
Reporting_Furmace Equity         2017-02-15         2017-02-16     <														0.37
spepring, Furnace Equity         2017-02-15         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-05         2017-02-06         Messure         2.00         65000         Apr 2017         ESO         1.244.46         0.0         2.00         6.00         Apr 2017         ESO         1.244.46         0.0         2.00         0.00         Apr 2017         <														0.37
Beschrüg-Furnace Equip         2017-02-15         2017-01-18         Massure         2.00         650.00         Apr 2017         IESO         IESO         1.244.86         0.03           Reporting-Furnace Equip         2017-02-15         2017-02-07         Massure         2.00         650.00         Apr 2017         IESO         IESO         1.244.86         0.03           Reporting-Furnace Equip         2017-02-16         Massure         2.00         650.00         Apr 2017         IESO         IESO         1.244.86         0.03           Reporting-Furnace Equip         2017-02-16         Massure         1.00         2.200.0         May 2017         IESO         1.228.00         0.03           Reporting-Furnace Equip         2017-02-16         Massure         1.00         2.200.0         Apr 2017         IESO         1.228.00         0.03           Reporting-Furnace Equip         2017-02-16         Massure         1.00         2.200.0         Apr 2017         IESO         1.228.00         0.03           Reporting-Furnace Equip         2017-02-16         Masure         1.00         2.200.0         Apr 2017         IESO         1.228.00         0.03           Reporting-Furnace Equip         2017-02-15         Masure         1.00 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.37</td></td<>														0.37
peporting_furnace Equip       2017-02.15       2017-02.07       Mesure       0.0       650.00       AP.2020       150.0       1.44.66       0.3         Reporting_furnace Equip       2017-05.18       2017-02.06       Mesure       1.00       250.00       May 2017       150.0       1.22.00       0.30.3       1.22.00       0.3														0.38
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Reporting_Furnace Equit         2017 0.05 Mesure         1.00         250.00         May 2017         ESO         1.02         1.22.00         0.3.3           Reporting_Furnace Equit         2017 0.02 Mesure         1.00         250.00         Apr 2017         ESO         1.02         0.3.3           Reporting_Furnace Equit         2017 0.02 Mesure         <														0.38
Reporting_Furnace Equip       2017-02-14       2017-02-06       Measure       1.00       22000       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-14       2017-02-10       Measure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-14       2017-02-10       Measure       2.00       650.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-06       Measure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-15       Measure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       Measure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       Measure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       Measure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.38</td></t<>														0.38
Insporting_Furnace Equip       2017-02-14       2017-02-16       Messure       1.0       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-16       Messure       2.00       0.500.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-16       Messure       2.00       0.500.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-06       Messure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       Messure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       Messure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-16       Messure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace Equip       2017-02-16       Messure       1.00       250.00       Apr 2017       IESO       1.22.00       0.33         Reporting_Furnace E														0.37
Begoring_Furnace Equip         2017-02-16         Messure         1.00         250.00         Apr 2021         IESO         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-34         2017-02-06         Messure         2.00         650.00         Apr 2017         IESO														0.37
Reporting_furnace Equip         2017-02-34         2007-02-10         Messare         2.00         Approx         Messare         Messa														0.37
Reporting_Turnace Equip         2017-02-34         Measure         1.00         Apr. 2017         BSO         Mess         L228.00         3.03														0.37
Reporting_Furnace Equip         2017-02-15         2017-02-06         Measure         1.00         250.00         Apr 2017         BEO         1.228.00         1.228.00         3.238.00           Reporting_Furnace Equip         2017-02-15         2017-02-15         Measure         1.00         250.00         Apr 2017         BEO         1.228.00         3.238.00         3.238.00         Apr 2017         BEO TIS         2.228.00         3.238.00         3.238.00         Apr 2017         BEO TIS         2.228.00         3.238.00         3.238.00         Apr 2017         BES OF         1.228.00         3.238.00 <td></td> <td>0.38</td>														0.38
Begoring_Furnace Equip         2017-02-15         2017-02-15         2017-02-15         2017-02-15         100         250.00         Apr 2017         E50         12.28.00         1.228.00         3.3           Reporting_Furnace Equip         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-15         2017-02-16         250.00         Apr 2017         ESO         12.28.00         0.3           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         ESO         12.28.00         0.3           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         ESO         12.28.00         0.3           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         ESO         12.28.00         0.3           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         ESO         12.28.00         0.3         12.28.00         0.3														0.37
Reporting_Furnace Equip         2017-02-15         2017-02-15         2017-02-16         Measure         1.00         250.00         Apr 2017         ESO         1.228.00         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-13         Measure         1.00         250.00         Apr 2017         ESO         1.228.00         0.33 </td <td></td>														
Reporting_Furnace Equip         2017-02-15         2017-02-16         Measure         1.00         250.00         Apr 2017         E50         1         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-16         Measure         1.00         250.00         Apr 2017         E50         1         228.00         3.2														
Reporting_Furnace Equip       2017-02-15       2017-02-13       Measure       1.00       250.00       Apr 2027       IESO       IESO       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       Measure       1.00       250.00       Apr 2017       IESO       IESO       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       2017-02-16       2017-02-16       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       Measure       1.00       250.00       Apr 2017       IESO       IESO       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       Measure       1.00       250.00       Apr 2017       IESO       IESO       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-16       Measure       1.00       250.00       Apr 2017       IESO       IESO       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-14       Measure       1.00       250.00       Apr 2017       IESO       IESO       IESO       1.228.00       0.33         Reporting_Furnace Equip       2017-02-15       2017-02-13														
Reporting_Furnace Equip         2017-02-10         Measure         1.00         250.00         Apr 2017         IESO														
Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         IESO         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-16         2017-02-16         250.00         Apr 2017         IESO         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-16         2017-02-16         2017-02-16         2017-02-16         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-16         2017-02-16         2017-02-16         2017-02-16         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         IESO         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         IESO         IESO         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-14         Measure         1.00         250.00         Apr 2017         IESO         IESO         IESO         IESO         I2.28.00         0.33														0.37
Reporting_Furnace Equip         2017-02-16         Measure         1.00         250.00         Apr 2017         IESO														0.37
Reporting_Furnace Equip         2017-02:15         2017-02:16         2017-02:17         2017-02:16         2017-02:16         2017-02:16         2017-02:16         2017-02:16         2017-02:17         2017-02:16         2017-02:16         2017-02:16         2017-02:16         2017-02:17         2017-02:27         Measure         1.00         2020.00         Apr 2017         1E50         6         12.28:00         0.33         2017-02:38         Measure         1.00         2.50:00         Apr 2017         1E50         6         12.28:00         0.33         2.28:00         0.33         2.28:00         0.33         2.28:00         0.33         2.28:00         0.33         2.28:00         0.33         2.28:00         0.33														0.37
Reporting_Furnace Equip         2017-02-15         2017-02-16         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         2.00         650.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-14         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-15         2017-02-13         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-14         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-01         2017-02-24         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-28         2017-02-24         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-14         2														0.37
Reporting_Furnace Equip         2017/02-15         2017/02-14         Measure         1.00         650.00         Apr.2017         150.00         1,244.80         1,244.80         1,248.80         1,248.80         1,248.80         1,248.80         1,248.80         1,248.80         1,248.80         1,248.80         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00         1,228.00         0,33         1,228.00														0.37
Reporting_Furnace Equip         2017/02-15         2017/02-14         Measure         1.00         250.00         Apr 2017         E50         1.228.00         1.228.00         0.33           Reporting_Furnace Equip         2017/05-04         2017/02-13         Measure         1.00         250.00         Map 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017/03-04         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017/03-01         2017/02-23         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017/03-01         2017/02-23         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017/02-28         2017/02-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017/03-14         2017/02-16         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017														0.37
Reporting_Furnace Equip         2017-03-40         2017-03-43         Measure         1.00         250.00         May 2017         IESO         Image: Constraint of the state of the s														0.38
Reporting_Furnace Equip         2017-03-29         2017-02-24         Measure         1.00         250.00         Apr 2017         ESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-21         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-21         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-30         2017-02-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO														0.37
Reporting_Furnace Equip         2017-03-01         2017-02-32         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-02-32         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-02-28         2017-02-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-02-28         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-02-38         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-03-03         2017-02-03         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-03-03         2017-02-02         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-02         Measure         1.00         250.00														
Reporting_Furnace Equip         2017-03-27         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-28         2017-02-28         2017-02-28         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-02-38         2017-02-38         2017-02-38         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-38         2017-02-38         2017-02-38         2017-02-38         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-38         2017-02-38         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-29         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-29         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-29         Measure         1.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
Reporting_Furnace Equip         2017-02-28         2017-02-23         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-14         2017-02-16         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-10         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-30         2017-02-30         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-30         2017-02-32         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00 <td></td>														
Reporting_Furnace Equip         2017-03-14         2017-02-16         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3           Reporting_Furnace Equip         2017-03-03         2017-03-04         2017-03-04         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3           Reporting_Furnace Equip         2017-03-03         2017-03-02         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3           Reporting_Furnace Equip         2017-04-02         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3           Reporting_Furnace Equip         2017-04-02         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3           Reporting_Furnace Equip         2017-04-02         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3           Reporting_Furnace Equip         2017-04-02         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3.3														
Reporting_Furnace Equip         2017-03-08         2017-02-10         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-03-03         2017-02-23         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3														0.37
Reporting_Furnace Equip         2017-03-33         2017-02-33         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Map 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.3           Reporting_Furnace Equip         2017-04-20         Resorter         1.00         250.00         Apr 2017         IESO         1.228.00         0.3	Reporting Fur													0.37
Reporting_Furnace Equip         2017-04-20         2017-02-02 Measure         1.00         250.00         May 2017         IESO         1.228.00         0.33           Reporting_Furnace Equip         2017-03-02         2017-01-05 Measure         1.00         250.00         Apr 2017         IESO         1.228.00         0.33		mace Equip												0.37
Reporting_Furnace Equip         2017-03-02         2017-01-05         Measure         1.00         250.00         Apr 2017         IESO         1,228.00         0.3	Reporting_Fur	and a first state			2017-02-23	Measure	1.00		250.00	Apr 2017	TESO		1.228.00	0.37
	Reporting_Fur Reporting_Fur										1550			e e -
	Reporting_Fur Reporting_Fur Reporting_Fur	rnace Equip	2017-04-20		2017-02-02		1.00		250.00	May 2017			1,228.00	0.37

Reporting_Furnace Equip	2017-03-03	2017-02-28 Measure	1.00	250.00 Apr 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-03-01	2017-01-04 Measure	2.00	650.00 Apr 20		1,244.86	0.38
Reporting_Furnace Equip	2017-03-01	2017-01-06 Measure	1.00	250.00 Apr 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-03-02	2017-02-24 Measure	1.00	250.00 Apr 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-03-03	2017-01-26 Measure	1.00	250.00 Apr 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-03	2017-01-26 Measure	1.00	250.00 Apr 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-03-03	2017-01-26 Measure	1.00	250.00 Apr 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-03	2017-02-16 Measure	1.00	250.00 Apr 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-03-05	2017-01-24 Measure	1.00	250.00 Apr 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-14	2017-01-11 Measure	1.00	250.00 Apr 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-04-12	2017-01-09 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-03-13	2017-03-07 Measure	1.00	250.00 Apr 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-03-15	2017-03-15 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-27	2017-03-10 Measure	1.00	250.00 May 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-03-27	2017-03-15 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-24	2017-03-16 Measure	1.00	250.00 May 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-02-20 Measure	1.00	250.00 Apr 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-03-07 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-28	2017-01-24 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-26	2017-01-25 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-01-08 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-02-07 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-02-23 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-02-24 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-02-22 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-22	2017-03-02 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-23	2017-03-22 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-23	2017-03-21 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-23	2017-03-22 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-24	2017-03-23 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-24	2017-03-23 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-15	2017-03-27 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-30	2017-03-27 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-06-05	2017-02-17 Measure	2.00	650.00 Jun 20		1,244.86	0.38
Reporting_Furnace Equip	2017-04-12	2017-03-21 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-10	2017-03-28 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-08-29	2017-03-30 Measure	1.00	250.00 Sep 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-04-05	2017-03-30 Measure	1.00	250.00 May 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-04-11	2017-03-28 Measure	1.00	250.00 May 20	7 IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-04-05	2017-04-03 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-27	2017-04-04 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-08	2017-02-07 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-04-19	2017-04-05 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-20	2017-02-27 Measure	1.00	250.00 May 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-04-25	2017-04-11 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-30	2017-04-07 Measure	1.00	250.00 Jun 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-10-03	2017-04-07 Measure	1.00	250.00 Oct 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-03	2017-04-10 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-27	2017-04-06 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-18	2017-03-09 Measure	1.00	250.00 May 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-04-20	2017-03-28 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-20	2017-04-05 Measure		250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-02	2017-04-20 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-04-25	2017-04-19 Measure	1.00	250.00 May 20		 1,228.00	0.37
Reporting_Residential Co	2017-05-15 2017-04-21	2017-04-20 Measure 2017-04-21 Measure	1.00	400.00 May 20 250.00 May 20		16.86 1,228.00	0.01
Reporting_Furnace Equip	2017-04-21	2017-04-21 Measure	1.00			1,228.00	0.37
Reporting_Furnace Equip	2017-05-09	2017-04-20 Measure	1.00			 1,228.00	0.37
Reporting_Furnace Equip	2017-05-09	2017-04-21 Measure	1.00	250.00 May 20 250.00 May 20		 1,228.00	0.37
Reporting_Furnace Equip	2017-04-24	2017-04-11 Measure	1.00	250.00 May 20		 1,228.00	0.37
Reporting_Furnace Equip Reporting_Furnace Equip	2017-04-24	2017-01-24 Measure	1.00	250.00 Nay 20		1,228.00	0.37
	2017-05-12	2017-01-26 Measure	1.00	250.00 Dec 20 250.00 May 20	7 IESO	 1,228.00	0.37
Reporting_Furnace Equip	2017-05-05	2017-01-27 Measure	1.00			 1,228.00	0.37
Reporting_Furnace Equip Reporting_Furnace Equip	2017-04-25	2017-01-51 Measure	1.00	250.00 May 20 250.00 May 20	7 IESO	 1,228.00	0.37
Reporting_Furnace Equip	2017-04-25	2017-02-10 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-05	2017-02-16 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-03-03	2017-02-17 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting Furnace Equip	2017-04-24	2017-02-24 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-07-04	2017-04-24 Measure	1.00	250.00 Jul 20		1,228.00	0.37
Reporting Furnace Equip	2017-12-12	2017-03-23 Measure	1.00	250.00 Dec 20	7 IESO	1,228.00	0.37
Reporting Furnace Equip	2017-04-27	2017-04-24 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting Furnace Equip	2017-05-08	2017-04-25 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting Furnace Equip	2017-07-06	2017-03-06 Measure	2.00	650.00 Jul 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-09	2017-03-08 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-04	2017-03-09 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-04	2017-04-25 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-06-12	2017-04-04 Measure	1.00	250.00 Jun 20		1,228.00	0.37
Reporting_Furnace Equip	2017-10-29	2017-04-12 Measure	1.00	250.00 Nov 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-12	2017-04-28 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Residential Co	2017-05-15	2017-04-28 Measure	1.00	250.00 May 20	7 IESO	0.00	0.00
Reporting_Furnace Equip	2017-05-09	2017-05-02 Measure	2.00	650.00 May 20	7 IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-05-08	2017-05-02 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-09	2017-03-22 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Residential Co	2017-07-04	2017-05-03 Measure	1.00	400.00 Jul 20		16.86	0.01
Reporting_Furnace Equip	2017-05-12	2017-05-04 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Residential Co	2017-05-23	2017-05-05 Measure	1.00	400.00 Jun 20		16.86	0.01
Reporting_Furnace Equip	2017-05-10	2017-05-05 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-05	2017-02-08 Measure	1.00	250.00 May 20		1,228.00	0.37
Reporting_Furnace Equip	2017-06-01	2017-05-08 Measure	1.00	250.00 Jun 20		1,228.00	0.37
Reporting_Furnace Equip	2017-05-11	2017-01-18 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-09	2017-01-23 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-29	2017-02-01 Measure	2.00	650.00 Jun 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-09	2017-02-09 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-07-26	2017-02-23 Measure	2.00	650.00 Aug 20		1,244.86	0.38
Reporting_Furnace Equip	2017-08-11	2017-03-03 Measure	2.00	650.00 Aug 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-10	2017-03-07 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-12	2017-03-17 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-16	2017-03-21 Measure	2.00	650.00 May 20 250.00 May 20		1,244.86	0.38
Reporting_Residential Co	2017-05-09	2017-03-22 Measure	1.00	250.00 May 20		0.00	0.00
Reporting_Furnace Equip	2017-05-12	2017-03-23 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-09	2017-04-27 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Furnace Equip	2017-05-11	2017-03-24 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Residential Co	2017-05-18	2017-03-27 Measure	1.00	400.00 May 20		16.86	0.01
Reporting_Furnace Equip	2017-05-15	2017-03-30 Measure	2.00	650.00 May 20		1,244.86	0.38
Reporting_Residential Co	2017-05-11	2017-04-10 Measure	1.00	400.00 May 20 650.00 May 20		16.86 1.244.86	0.01
Reporting_Furnace Equip	2017-05-13	2017-04-13 Measure	2.00			1,244.86	0.38
Reporting_Furnace Equip	2017-05-12 2017-06-05	2017-04-18 Measure 2017-04-19 Measure	2.00			1,244.86	0.38
Reporting_Furnace Equip							
Reporting_Furnace Equip	2017-07-20	2017-05-02 Measure	2.00	650.00 Aug 20 250.00 May 20		1,244.86	0.38
Reporting_Furnace Equip Reporting_Furnace Equip	2017-05-17 2017-08-31	2017-05-03 Measure 2017-04-26 Measure	2.00	250.00 May 20 650.00 Sep 20		 1,228.00	0.37
		2017-03-29 Measure	2.00	650.00 Sep 20 650.00 May 20		1,244.86	0.38
Reporting Euroace Fouin			2.00	000.00 Widy 20			
Reporting_Furnace Equip Reporting_Eurnace Equip	2017-05-16 2017-05-29		1.00	250.00 100.20	7 JESO	1 228 00	
Reporting_Furnace Equip	2017-05-29	2017-05-16 Measure	1.00	250.00 Jun 20 650.00 Jun 20		1,228.00	0.37
Reporting_Furnace Equip Reporting_Furnace Equip	2017-05-29 2017-06-14	2017-05-16 Measure 2017-05-16 Measure	2.00	650.00 Jun 20	7 IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-05-29	2017-05-16 Measure			7 IESO 7 IESO		

Reporting_Furnace Equip	2017-06-02	2017-05-09 Measure	1.00		n 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-05-18	2017-03-02 Measure	2.00		n 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-06-23	2017-05-17 Measure	1.00		il 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-05-31	2017-05-16 Measure	2.00		n 2017	IESO	 1,244.86	0.38
Reporting_Furnace Equip	2017-05-19	2017-05-05 Measure	1.00		n 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-05-24	2017-05-03 Measure	1.00		n 2017	IESO	1,228.00	0.37
Reporting_Residential Co	2017-05-25	2017-05-12 Measure	1.00		n 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-05-24 2017-08-04	2017-05-05 Measure	1.00		n 2017	IESO	1,228.00	0.37
Reporting_Residential Co		2017-05-19 Measure	1.00		g 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-05-23 2017-05-26	2017-02-10 Measure	1.00		n 2017	IESO	 1,228.00	0.37
Reporting_Furnace Equip	2017-05-26	2017-05-24 Measure 2017-05-17 Measure	1.00		n 2017 n 2017	IESO	1,228.00	0.37
Reporting_Residential Co	2017-05-26	2017-05-17 Measure	1.00		n 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip Reporting_Furnace Equip	2017-05-25	2017-05-24 Measure	2.00		n 2017	IESO	1,228.00	0.37
						IESO		0.37
Reporting_Furnace Equip	2017-05-27	2017-05-12 Measure	2.00		n 2017		1,244.86	
Reporting_Residential Co	2017-05-30	2017-05-16 Measure	1.00		n 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-05-29	2017-05-17 Measure	2.00		n 2017	IESO	1,244.86	0.38
Reporting_Residential Co	2017-06-12	2017-05-30 Measure	1.00		n 2017	IESO	 16.86	
Reporting_Furnace Equip	2017-06-29	2017-05-18 Measure			I 2017		1,228.00	0.37
Reporting_Furnace Equip	2017-07-18	2017-05-15 Measure	1.00		g 2017	IESO	 1,228.00	0.37
Reporting_Furnace Equip	2017-06-01	2017-05-19 Measure	2.00		n 2017	IESO	1,244.86	0.38
Reporting_Residential Co	2017-06-26	2017-06-01 Measure	1.00		I 2017	IESO	16.86	0.01
Reporting_Residential Co	2017-06-05	2017-05-24 Measure	1.00		n 2017	IESO	16.86	0.01
Reporting_Residential Co	2017-06-07	2017-05-30 Measure	1.00		1 2017	IESO	 16.86	0.01
Reporting_Furnace Equip	2017-06-06	2017-05-26 Measure	2.00		I 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-06-05	2017-05-29 Measure	2.00		n 2017	IESO	 1,244.86	0.38
Reporting_Furnace Equip	2017-06-08	2017-05-29 Measure	1.00		1 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-06-12	2017-05-31 Measure	1.00		I 2017	IESO	 1,228.00	0.37
Reporting_Furnace Equip	2017-06-08	2017-05-19 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-06-21	2017-06-01 Measure	1.00		il 2017 il 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-06-13	2017-05-11 Measure					1,228.00	
Reporting_Furnace Equip	2017-06-08 2017-06-20	2017-05-12 Measure	1.00		il 2017 il 2017	IESO	1,228.00	0.37
Reporting_Residential Co		2017-06-07 Measure					0.00	
Reporting_Furnace Equip Reporting_Residential Co	2017-07-04	2017-06-06 Measure	1.00		I 2017	IESO	1,228.00	0.37
	2017-06-14	2017-06-12 Measure	1.00		a 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-07-31	2017-05-11 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Residential Co	2017-06-19	2017-05-23 Measure	1.00		I 2017	IESO	16.86	0.01
Reporting_Residential Co	2017-06-26	2017-06-19 Measure	1.00		il 2017	IESO	0.00	0.00
Reporting_Furnace Equip	2017-08-25	2017-06-15 Measure	2.00		p 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-06-22	2017-06-19 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-06-20	2017-06-07 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-06-28	2017-06-06 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-06-21	2017-06-07 Measure			g 2017		1,228.00	
Reporting_Furnace Equip	2017-06-23	2017-06-20 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Residential Co	2017-06-26	2017-06-21 Measure 2017-06-22 Measure	1.00		1 2017	IESO	16.86	0.01
Reporting_Residential Co	2017-07-26		1.00		g 2017	IESO	 16.86	0.01
Reporting_Residential Co	2017-07-13	2017-06-16 Measure	1.00		g 2017	IESO	0.00	0.00
Reporting_Furnace Equip	2017-06-26	2017-02-06 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-06-26	2017-02-07 Measure	2.00		1 2017	IESO	1,244.86	0.38
Reporting_Residential Co	2017-06-26	2017-02-09 Measure	1.00		I 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-11-01	2017-06-19 Measure	1.00		v 2017	IESO	1,228.00	0.37
Reporting_Residential Co	2017-07-07	2017-06-26 Measure	1.00		I 2017	IESO	 16.86	0.01
Reporting_Furnace Equip	2017-07-11	2017-06-26 Measure	1.00		il 2017	IESO	1,228.00	0.37
Reporting_Residential Co	2017-07-14	2017-06-27 Measure	1.00		g 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-06-28	2017-06-01 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-07-11	2017-06-29 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-07-17	2017-06-29 Measure	1.00		g 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-31	2017-05-30 Measure	1.00		g 2017	IESO	 1,228.00	0.37
Reporting_Residential Co	2017-07-10	2017-06-29 Measure	1.00		I 2017	IESO	0.00	0.00
Reporting_Furnace Equip	2017-07-13	2017-06-30 Measure	2.00		g 2017	IESO	 1,244.86	0.38
Reporting_Furnace Equip	2017-06-30	2017-06-19 Measure	2.00		g 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-18	2017-06-27 Measure	2.00		g 2017	IESO	 1,244.86	0.38
Reporting_Furnace Equip	2017-07-27	2017-06-29 Measure	1.00		g 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-05	2017-06-22 Measure	1.00		g 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-17	2017-06-30 Measure	1.00		g 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-17	2017-06-30 Measure	2.00		g 2017	IESO	 1,228.00	0.37
Reporting_Furnace Equip ASHP Cold Climate Duc	2017-11-08 2017-07-28	2017-06-22 Measure 2017-07-05 Measure	2.00		v 2017	IESO	1,244.86 3,534.58	0.38
			1.00		g 2017	IESO		
Reporting_Furnace Equip	2017-07-14 2017-07-06	2017-06-30 Measure	1.00		g 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip Reporting_Furnace Equip	2017-07-06 2018-01-17	2017-06-26 Measure 2017-05-25 Measure	2.00		il 2017 n 2018	IESO	1,228.00	0.37
Reporting Furnace Equip	2017-07-06	2017-05-25 Measure	1.00		il 2018	IESO	1,228.00	0.38
Reporting_Residential Co Furnace Equipped with E	2017-07-07 2017-07-25	2017-06-15 Measure 2017-07-07 Measure	1.00		g 2017	IESO	16.86 1,310.66	0.01
Furnace Equipped with E	2017-07-19	2017-07-06 Measure	1.00		g 2017	IESO	1,310.66	0.80
Reporting_Furnace Equip	2017-07-07	2017-06-29 Measure	1.00		g 2017 Il 2017	IESO	1,228.00	0.80
Reporting_Furnace Equip	2017-07-07	2017-06-29 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-07	2017-06-18 Measure	1.00		il 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-07	2017-06-24 Measure	2.00		I 2017	IESO	1,228.00	0.37
Reporting_Furnace Equip	2017-07-07	2017-06-28 Measure	2.00		I 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-07-08	2017-06-14 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2018-01-17	2017-06-29 Measure	2.00		n 2018	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-07-08	2017-06-09 Measure	1.00		I 2017	IESO	1,228.00	0.37
Reporting_Residential Co	2017-07-18	2017-06-29 Measure	1.00		g 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-07-08	2017-06-22 Measure	2.00		g 2017	IESO	1,244.86	0.38
ASHP Cold Climate Duc	2017-08-01	2017-07-06 Measure	1.00	1,500.00 Aug	g 2017	IESO	3,534.58	0.38
ASHP Cold Climate Duc	2017-08-04	2017-07-06 Measure	1.00	1,500.00 Aug	g 2017	IESO	3,534.58	0.38
ASHP Cold Climate Duc	2017-08-01	2017-07-10 Measure	1.00		g 2017	IESO	3,534.58	0.38
Reporting_Furnace Equip	2017-07-13	2017-06-07 Measure	2.00	650.00 Aug	g 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-07-28	2017-05-29 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Residential Co	2017-07-11	2017-06-12 Measure	1.00	400.00 Aug	g 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-07-14	2017-06-02 Measure	2.00	650.00 Aug	g 2017	IESO	1,244.86	0.38
Reporting_Residential Co	2017-07-16	2017-06-05 Measure	1.00	400.00 Aug	g 2017	IESO	16.86	0.01
Reporting_Residential Co	2017-07-11	2017-06-13 Measure	1.00		g 2017	IESO	0.00	0.00
Reporting_Residential Co	2017-07-12	2017-06-06 Measure	1.00		g 2017	IESO	16.86	0.01
Reporting_Furnace Equip	2017-07-11	2017-06-23 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting Furnace Equip			2.00		g 2017	IESO	1,244.86	0.38
	2017-08-03	2017-06-26 Measure	2.00		g 2017	IESO	1,244.86	0.38
Reporting_Furnace Equip	2017-07-11	2017-06-27 Measure	2.00				1	0.38
Reporting_Furnace Equip Reporting_Furnace Equip	2017-07-11 2017-07-26	2017-06-27 Measure 2017-06-28 Measure	2.00 2.00	650.00 Oct	t 2017	IESO	1,244.86	
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip	2017-07-11 2017-07-26 2017-07-12	2017-06-27 Measure 2017-06-28 Measure 2017-06-30 Measure	2.00 2.00 2.00	650.00 Oct 650.00 Aug	g 2017	IESO IESO	1,244.86	0.38
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Residential Co	2017-07-11 2017-07-26 2017-07-12 2017-07-20	2017-06-27 Measure 2017-06-28 Measure 2017-06-30 Measure 2017-06-16 Measure	2.00 2.00 2.00 1.00	650.00 Oct 650.00 Aug 400.00 Aug	g 2017 g 2017	IESO IESO	1,244.86 16.86	0.38
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Residential Co Reporting_Furnace Equip	2017-07-11 2017-07-26 2017-07-12 2017-07-20 2017-07-12	2017-06-27 Measure 2017-06-28 Measure 2017-06-30 Measure 2017-06-16 Measure 2017-06-14 Measure	2.00 2.00 2.00 1.00 2.00	650.00         Oct           650.00         Aug           400.00         Aug           650.00         Aug	g 2017 g 2017 g 2017	IESO IESO IESO	1,244.86 16.86 1,244.86	0.38 0.01 0.38
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Residential Co	2017-07-11 2017-07-26 2017-07-12 2017-07-20 2017-07-12 2017-07-12	2017-06-27 Measure 2017-06-28 Measure 2017-06-30 Measure 2017-06-16 Measure	2.00 2.00 2.00 1.00 2.00 2.00	650.00         Oct           650.00         Aug           400.00         Aug           650.00         Aug           650.00         Aug           650.00         Aug           650.00         Aug	g 2017 g 2017	IESO IESO IESO IESO IESO	1,244.86 16.86	0.38 0.01 0.38 0.38
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Residential Co Reporting_Furnace Equip	2017-07-11 2017-07-26 2017-07-12 2017-07-12 2017-07-12 2017-11-03 2017-07-12	2017-06-27 Measure 2017-06-28 Measure 2017-06-30 Measure 2017-06-16 Measure 2017-06-14 Measure	2.00 2.00 2.00 2.00 2.00 2.00 2.00	650.00         Oct           650.00         Aug           400.00         Aug           650.00         Aug	g 2017 g 2017 g 2017	IESO IESO IESO IESO IESO IESO	1,244.86 16.86 1,244.86 1,244.86 1,244.86	0.38 0.01 0.38 0.38 0.38
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Residential Co Reporting_Furnace Equip Reporting_Furnace Equip ASHP Ductless Multipo	2017-07-11 2017-07-26 2017-07-12 2017-07-20 2017-07-12 2017-07-12 2017-07-12 2017-08-03	2017-06-27 Measure 2017-06-28 Measure 2017-06-30 Measure 2017-06-30 Measure 2017-06-14 Measure 2017-06-20 Measure 2017-06-20 Measure 2017-07-11 Measure	2.00 2.00 2.00 1.00 2.00 2.00 2.00 1.00	650.00         Oct           650.00         Aug           400.00         Aug           650.00         Aug           650.00         Aug           650.00         Nov           650.00         Aug           1,250.00         Aug	g 2017 g 2017 g 2017 v 2017 g 2017 g 2017	IESO IESO IESO IESO IESO IESO	1,244.86 16.86 1,244.86 1,244.86 1,244.86 1,244.86 4,832.94	0.38 0.01 0.38 0.38 0.38 0.38
Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Furnace Equip Reporting_Residential Co Reporting_Furnace Equip Reporting_Furnace Equip ASHP Ductless Multipoi Furnace Equipped with E	2017-07-11 2017-07-26 2017-07-12 2017-07-12 2017-07-12 2017-107-12 2017-10-712 2017-08-03 2017-07-17	2017-05-27 Measure 2017-06-28 Measure 2017-06-30 Measure 2017-06-16 Measure 2017-06-16 Measure 2017-06-20 Measure 2017-06-20 Measure 2017-07-11 Measure	2.00 2.00 2.00 1.00 2.00 2.00 2.00 1.00 1	650.00         Oct           650.00         Aug           400.00         Aug           650.00         Aug           650.00         Aug           1,250.00         Aug           2,50.00         Aug	g 2017 g 2017 g 2017 v 2017 g 2017 g 2017 g 2017 g 2017	IESO IESO IESO IESO IESO IESO IESO	1,244.86 16.86 1,244.86 1,244.86 1,244.86 1,244.86 4,832.94 1,310.66	0.38 0.01 0.38 0.38 0.38 0.45 0.80
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dist         dist <thdist< th="">         dist         dist         <th< td=""><td>ASHP Ductless HP w/o</td><td>2017-08-16</td><td>2017-07-25</td><td>Measure</td><td>1.00</td><td>1,000.00</td><td>Sep 2017</td><td>IESO</td><td>2,589.69</td><td>0.45</td></th<></thdist<>	ASHP Ductless HP w/o	2017-08-16	2017-07-25	Measure	1.00	1,000.00	Sep 2017	IESO	2,589.69	0.45
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Matcher         <	ASHP Ductless HP w/o	2017-10-04	2017-07-19	Measure	1.00	1,000.00	Oct 2017	IESO	2,589.69	
Inversion         BUDD         BUDD        BUDD        BUDD	ASHP Ductless HP w/o	2017-08-15	2017-08-03	Measure	1.00	1,000.00	Aug 2017	IESO	2,589.69	0.45
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Finner Eugegel with C         3021-002         3021-002         100         2500         0c.200         150         150         151.06         0.00           Finner Eugegel with C         3021-002         100         2500         0c.200         150         1.31.06         0.00           Finner Eugegel with C         3021-002         100         2500         0c.200         150         1.31.06         0.00           Finner Eugegel with C         3021-002         100         2500         0c.200         1500         1.31.06         0.00           Finner Eugegel with C         3021-002         Massee         1.00         2500         0c.200         1500         1.00         1.00         0.00           Reprint Finner Euge         3021-002         Massee         1.00         2500         0c.200         1500         0c.200         1.00         3.00         0c.200         1.00         0c.200         1.00         0c.200         1.00         0c.200         1.00         0c.200         0c.200         1.00         0c.200         1.00         0c.200         0c.200         1.00         0c.200         0c.200         1.00         0c.200         0c.200         0c.200         0c.200         0c.200         0c.200         0c.200<			2017-07-04	Measure						
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runce dapped whi tensec			2017-09-21	Measure				IESO		
runne dauged with thrance dauged	Furnace Equipped with E	2017-09-28	2017-09-20	Measure	1.00	250.00	Oct 2017	IESO	1,310.66	0.80
Furnex Equipped with F Beyorithe Same Square2017-09-20 Measure1005000007.207650001.207650.00001.207650.00001.207650.00001.207650.00001.207650.00001.20701.204.66003.207.00003.207003.207.00003.207.00003.207003.207.00003.207003.207.00003.207003.207.00003.207003.207.00003.207003.207.00003.207003.207.00003.207003.207.00003.207003.207.000		2017-10-06	2017-09-22	Measure	1.00	250.00	Oct 2017	IESO	1,310.66	0.80
Spectral         Spectra         Spectral         Spectral	Furnace Equipped with E	2017-10-03	2017-09-20	Measure	1.00	250.00	Oct 2017	IESO	1,310.66	0.80
Abbr         Cold Climate Duc         2017 09-26         Meanse         Finance										
Funce Equipped with E         2027-05-26         Measure         1.00         92.000         Oct 2027         85.0         1.00         1.10.000         0.000           Funce Equipped with E         2027-05-27         2027-05-27         2027-05-27         2027-05-00         1.00         25.000         Oct 2027         85.0         0.000         1.10.000         0.000           Funce Equipped with E         2027-05-27         2027-05-27         Measure         1.00         25.000         Oct 2027         85.0         0.000         1.10.000         0.0000         1.10.000         0.0000        <										
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prames Equipaged with E         2017-06-29         2017-07-28         Messure         1.00         250.00         0.02.007         ISO         1.10.06         0.00           Furnace Equipaged with E         2017-06-29         2017-07-28         Messure         1.00         250.00         0.02.007         ISO         1.310.66         0.00           Furnace Equipaged with E         2017-07-28         Messure         1.00         250.00         0.02.007         ISO         1.310.66         0.00           Furnace Equipaged with E         2017-07-28         Messure         1.00         250.00         0.02.007         ISO         1.310.66         0.00           Furnace Equipaged with E         2017-07-28         Messure         1.00         250.00         0.02.007         ISO         1.310.66         0.00           Furnace Equipaged with E         2017-070         Messure         1.00         250.00         0.02.007         ISO         1.310.66         0.00           Furnace Equipaged with E         2017-104         3017.07.07         Messure         1.00         250.00         0.02.007         ISO         1.310.66         0.00           furnace Equipaged with E         2017-1040         3017.07.07         Messure         1.00         250.00										
prance Equipped with E         2017-02-39         Masure         1.0         220.00         OPC 2017         PSO         1.310.66         0.80           furnace Equipped with E         2017-02-38         Masure         1.00         220.00         OPC 2017         PSO         1.310.66         0.80           furnace Equipped with E         2017-02-38         Masure         1.00         220.00         OPC 2017         PSO         1.310.66         0.80           furnace Equipped with E         2017-02-38         Masure         1.00         220.00         OPC 2017         PSO         1.310.66         0.80           furnace Equipped with E         2017-10-02         2017-09.28         Masure         1.00         220.00         OPC 2017         PSO         1.310.66         0.80           furnace Equipped with E         2017-10-02         Masure         1.00         220.00         OPC 2017         PSO         1.310.66         0.80         0.310.66         0.80           furnace Equipped with E         2017-10-02         Masure         1.00         220.00         OPC 2017         PSO         1.310.66         0.80         0.310.66         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80										
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furnace Equipped with 6         2017-09-28         Measure         1.00         250.0         Oct 2017         MESO         1.310.66         0.80           Furnace Equipped with 6         2017-1002         2017-09-28         Measure         1.00         250.00         Oct 2017         ESO         1.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.210         1.50         1.310.66         0.80         0.80         0.80										
purace Equipped with E         2017-10-04         2017-09-28         Messure         1.00         250.00         Oct 2017         IESO         IESO         1,310.66         0.80           Furace Equipped with E         2017-10-04         2017-09-29         Messure         1.00         250.00         Oct 2017         IESO         1         1,310.66         0.80           Furace Equipped with E         2017-10-02         2017-070 Messure         1.00         250.00         Oct 2017         IESO         1         1,310.66         0.80           Furace Equipped with E         2017-10-01         2017-070 Messure         1.00         250.00         Oct 2017         IESO         1,310.66         0.80           Furace Equipped with E         2017-10-01         2017-020 Messure         1.00         250.00         Oct 2017         IESO         1,310.66         0.80           Furace Equipped with E         2017-10-04         2017-020 Messure         1.00         250.00         Oct 2017         IESO         1,310.66         0.80           Furace Equipped with E         2017-10-05         2017-00-0         Messure         1.00         250.00         Oct 2017         IESO         1,310.66         0.80           Furace Equipped with E         2017-10-05 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
furnace Equipped with E         2017-0-04         2017-0-92         Measure         1.00         250.00         Oct 2017         ESO         1.31.066         0.80           Furnace Equipped with E         2017-10-02         2017-070         Measure         1.00         250.00         Oct 2017         ESO         1.31.066         0.80           Furnace Equipped with E         2017-10-01         2017-07.01         Measure         1.00         250.00         Oct 2017         ESO         1.31.066         0.80           Furnace Equipped with E         2017-10-01         2017-07.01         Measure         1.00         250.00         Oct 2017         ESO         1.31.066         0.80           Furnace Equipped with E         2017-10-03         2017-07.27         Measure         1.00         250.00         Oct 2017         ESO         1.31.066         0.80           Furnace Equipped with E         2017-10-03         2017-09.21         Measure         1.00         250.00         Oct 2017         ESO         1.31.06         0.80           Furnace Equipped with E         2017-10-03         2017-09.21         Measure         1.00         250.00         Oct 2017         ESO         1.31.06         0.80           Furnace Equipped with E         2017-10-04 <td></td>										
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furnace tquipped with f         2017-102         2017-070         Messure         1.0         250.00         Oct 2017         IESO         1.01         0.00           furnace tquipped with f         2017-1201         2017-070         Messure         1.00         250.00         Dec 2017         IESO         1.01         0.00         0.01         IESO         1.01         0.00         0.00         0.01         IESO         1.01         1.010         0.00         0.00         0.01         IESO         1.01         1.010         0.00         0.01         IESO         1.01         1.010         0.00         0.00         IESO         1.01         1.010         0.00         0.01         IESO         1.01         1.010         0.00         0.01         IESO         1.01         1.010         0.00					1.00			IESO		
furnace fulpped with f         2017-101         2017-010         Messure         1.00         250.00         Dec 2017         [ESO         ESO         [ESO         [1,310.66         0.80           furnace fulpped with f         2017-101         2017-1021         Messure         1.00         250.00         0.0ct 2017         [ESO         [ESO         [ESO         [ESO         [1,310.66         0.80           furnace fulpped with f         2017-1023         Messure         1.00         250.00         0.0ct 2017         [ESO         [ESO         [1,310.66         0.80           furnace fulpped with f         2017-1043         Messure         1.00         250.00         0.0ct 2017         [ESO         [ESO         [1,310.66         0.80           furnace fulpped with f         2017-1043         Messure         1.00         250.00         0.0ct 2017         [ESO         [1,310.66         0.80           furnace fulpped with f         2017-1043         Messure         1.00         250.00         0.0ct 2017         [ESO         [1,310.66         0.80           furnace fulpped with f         2017-1043         Messure         1.00         250.00         0.0ct 2017         [ESO         [ESO         [1,310.66         0.80           furnace		2017-10-02			1.00	250.00		IESO		0.80
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Furnace Equipped with E         2017-10-04         2017-10-03         Messure         1.00         250.00         Oct 2017         IESO         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-03         Col 7-00-21         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-03         Col 7-00-01         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-03         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Reporting_Furnace Equipped with E         2017-10-04         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-04         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-04         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-10         Messure         1.00         250.										
purace Equipped with E         2017-10-03         2017-09-21         Messure         1.00         250.00         Oct 2017         IESO         IESO         1.310.66         0.00           furnace Equipped with E         2017-10-03         2017-00-21         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.00         0.00         1.310.66         0.00         0.00         0.01         IESO         1.310.66         0.00         0.00         IESO										
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Furnace Equipped with E         2017-10-3         2017-00-31         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Rurance Equipped with E         2017-10-31         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         1.310.66         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80         0.80										
furnace Equipped with 6         2017-10-17         2017-10-03         Measure         1.00         250.00         Nov 2017         IESO         IESO         1,310.66         0.80           Reporting, Furnace Equipped with 6         2017-10-04         2017-06-13         Measure         1.00         250.00         Oct 2017         IESO         IESO         1,244.86         0.80           Furnace Equipped with 6         2017-10-04         Measure         1.00         250.00         Oct 2017         IESO         IESO         1,310.66         0.80           Furnace Equipped with 6         2017-10-10         Measure         1.00         250.00         Oct 2017         IESO         IESO         1,310.66         0.80           Furnace Equipped with 6         2017-10-10         Measure         1.00         250.00         Oct 2017         IESO         IESO         1,310.66         0.80           Furnace Equipped with 6         2017-10-10         Measure         1.00         250.00         Oct 2017         IESO         IESO         1,310.66         0.80           Furnace Equipped with 6         2017-10-10         Measure         1.00         250.00         Nov 2017         IESO         IESO         1,310.66         0.80           Furnace Equipped										
Reporting_Furnace Equipped with 6         2017-10-04         2017-00-04         Measure         1.00         650.00         Oct 2017         IESO         IESO         1.2448.8         0.38           Furnace Equipped with 6         2017-10-25         2017-00-44         Measure         1.00         250.00         Oct 2017         IESO         IESO         1.310.66         0.080           Furnace Equipped with 6         2017-10-10         Measure         1.00         250.00         Oct 2017         IESO         IESO         IESO         1.310.66         0.080           Furnace Equipped with 6         2017-10-10         Measure         1.00         250.00         Oct 2017         IESO										
furnace Equipped with E         2017-10-94         2017-00-922         Messure         1.00         250.00         Oct 2017         [ESO         [E										
furnace Equipped with 6         2017-10-25         2017-10-04         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-12         2017-10-05         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-10         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-10         Messure         1.00         250.00         Oct 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-10         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-10         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-10         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-10         Messure         1.00         250.00         Nov 2017         IESO										
furnace Equipped with E         2017-10-10         Messure         1.0         250.00         Oct 2017         IESO										
furnace Equipped with E         2017-10-12         2017-10-04         Messure         1.00         250.00         Oct 2017         ESO         ESO         1.310.66         0.80           furnace Equipped with E         2017-10-10         Messure         1.00         250.00         Nov 2017         ESO         1.00         0.80           furnace Equipped with E         2017-10-16         Messure         1.00         250.00         Nov 2017         ESO         1.00         0.80           furnace Equipped with E         2017-10-10         Messure         1.00         250.00         Nov 2017         ESO         0.00         1,310.66         0.80           furnace Equipped with E         2017-10-10         Messure         1.00         250.00         Nov 2017         ESO         0.00         1,310.66         0.80           furnace Equipped with E         2017-10-14         Messure         1.00         250.00         Nov 2017         ESO         0.00         1,310.66         0.80           furnace Equipped with E         2017-10-14         Messure         1.00         250.00         Nov 2017         ESO         1.310.66         0.80           furnace Equipped with E         2017-10-14         Messure         1.00         250.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Furnace Equipped with 6         2017-10-10         Messare         1.0         250.00         Oct 2017         [E50										
Furnace Equipped with E         2017-10-06         Measure         1.00         250.00         Nov 2017         IESO         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-10         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-01-10         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-01-14         2017-09-28         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-14         2017-09-28         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-14         2017-10-14         Nessure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-14         2017-10-10         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00										
Furnace Equipped with E         2017-10-10         Messure         1.00         250.00         Nv 2017         ESO         4         1.310.66         0.80           Furnace Equipped with E         2018-03-14         2017-09-26         Messure         1.00         250.00         Nv 2017         ESO         1.01         0.80           Furnace Equipped with E         2017-01-24         2017-09-26         Messure         1.00         250.00         Nv 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-01-24         2017-09-26         Messure         1.00         250.00         Nv 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-14         Messure         1.00         250.00         Nv 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-14         Messure         1.00         250.00         Nv 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-18         0217-10-10         Messure         1.00         250.00         Nv 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-18         0217-10-13         Messure         1.0										
Furnace Equipped with E         2018-03-14         2017-09-26         Measure         1.00         250.00         Mar 2018         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-4         2017-09-26         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-4         2017-09-26         Measure         1.00         250.00         Doc 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-14         Measure         1.00         250.00         Doc 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-11         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017										
Furnace Equipped with E         2017-10-14         2017-00-28         Measure         1.00         250.00         Nov 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-17         2017-10-10         Measure         1.00         250.00         Dec 2017         ESO         1,310.66         0.80           Furnace Equipped with E         2017-10-17         2017-10-10         Measure         1.00         250.00         Nov 2017         ESO         1,310.66         0.80           Furnace Equipped with E         2017-10-17         2017-10-10         Measure         1.00         250.00         Nov 2017         ESO         1,310.66         0.80           Furnace Equipped with E         2017-10-18         2017-10-10         Measure         1.00         250.00         Nov 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-18         2017-10-13         Measure         1.00         250.00         Nov 2017         ESO         1.310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017         ESO         1.310.66         0.80										
Furnace Equipped with 6         2017-10-5         2017-10-04         Messure         1.00         Z50.00         Dec 2017         ESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-17         2017-10-11         Messure         1.00         250.00         Nov 2017         ESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-13         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-13         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-18         2017-10-13         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-18         0217-10-18         Messure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80										
Furnace Equipped with E         2017-10-17         2017-10-11         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-17         2017-10-10         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-18         0217-10-18         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-18         0217-10-13         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80										
Furnace Equipped with 6         2017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80           Furnace Equipped with 6         2017-10-13         C017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1.310.66         0.80         1.310.66										
Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80           Furnace Equipped with E         2017-10-13         Measure         1.00         250.00         Nov 2017         IESO         1,310.66         0.80										
Furnace Equipped with E 2017-10-18 2017-10-18 Measure 1.00 250.00 Nov 2017 IESO 1,310.66 0.80										
									1,310.66	0.80

Europea Equipped with Eu	2017 11 02	2017 10 17	Maagura	1.00	250.00	Nov 2017	IESO	1 210 66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-11-03 2017-10-30	2017-10-17 2017-10-17		1.00	250.00 250.00	Nov 2017 Nov 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-10-30	2017-10-19		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-10-26 2017-11-01	2017-10-18 2017-10-19		1.00	250.00 250.00	Nov 2017 Nov 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-11-01 2017-12-15	2017-10-19 2017-09-27		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-10-26	2017-10-20		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-10-25	2017-07-31		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-01-31 2017-10-25	2017-08-31 2017-08-02		1.00	250.00	Feb 2018 Nov 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-10-23	2017-08-02		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-10	2017-10-25	Measure	1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-10-27	2017-10-10		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-11-01 2017-10-30	2017-10-03 2017-10-12		1.00	250.00 250.00	Nov 2017 Nov 2017	IESO	 1,310.66	0.80
Furnace Equipped with E	2017-10-50	2017-10-12		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-09	2017-10-27		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-07	2017-10-31	Measure	1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-02	2017-10-24		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-11-08 2017-11-07	2017-10-26 2017-11-01		1.00	250.00	Nov 2017 Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-07	2017-11-01		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-10	2017-11-03	Measure	1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-05	2017-10-12		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-29 2017-11-09	2017-10-13 2017-11-02		1.00	250.00 250.00	Jan 2018 Nov 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-11-05	2017-11-02		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-07	2017-11-03		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
ASHP Ductless HP w/AC	2017-11-07	2017-10-19	Measure	1.00	1,000.00	Nov 2017	IESO	3,234.47	0.32
Furnace Equipped with E	2017-11-17	2017-11-06		1.00	250.00	Dec 2017	IESO	 1,310.66	0.80
Furnace Equipped with E	2017-11-07 2017-11-16	2017-10-31		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-11-16	2017-11-07 2017-11-08		1.00	250.00 250.00	Nov 2017 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-11-16	2017-11-10	Measure	1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-13	2017-10-27		1.00	250.00	Nov 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-11-17 2017-12-04	2017-11-08 2017-11-09		1.00	250.00 250.00	Dec 2017 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-12-04 2017-12-06	2017-11-09 2017-11-13		1.00	250.00	Dec 2017 Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-22	2017-11-13		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-17	2017-11-15	Measure	1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-16	2017-11-10		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-11-27 2017-11-27	2017-11-16 2017-11-03		1.00	250.00 250.00	Dec 2017 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-12-12	2017-11-05		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-30	2017-11-17		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-04	2017-11-06		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-22 2018-02-02	2017-11-17 2017-11-20		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-02-02 2017-11-23	2017-11-20 2017-11-21		1.00	250.00 250.00	Feb 2018 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-11-23	2017-11-21 2017-11-17		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-29	2017-11-21		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-30	2017-11-21		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-11-22	2017-11-15		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-01 2017-11-22	2017-11-10 2017-11-18		1.00	250.00 250.00	Dec 2017 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2018-01-02	2017-11-22		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Reporting_Furnace Equip	2017-11-27	2017-06-02	Measure	2.00	650.00	Dec 2017	IESO	1,244.86	0.38
Furnace Equipped with E	2018-01-23	2017-11-07		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-06 2017-11-30	2017-11-10 2017-11-14		1.00	250.00	Dec 2017 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-11-30	2017-11-14		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
ASHP Ductless Multipor	2017-11-29	2017-09-08		1.00	1,250.00	Dec 2017	IESO	4,832.94	0.45
Furnace Equipped with E	2017-12-19	2017-11-29		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-16	2017-11-30 2017-11-28		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-22 2017-12-05	2017-11-28 2017-11-29		1.00	250.00	Jan 2018 Dec 2017	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-12-06	2017-11-13		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-01	2017-11-20		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-29	2017-12-01		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-06 2017-12-06	2017-12-04 2017-11-22		1.00	250.00	Dec 2017 Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-07	2017-11-28		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-11	2017-12-01		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-18	2017-12-08		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-01-02 2017-12-20	2017-12-07 2017-12-08		1.00	250.00 250.00	Jan 2018 Jan 2018	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-12-20 2018-01-10	2017-12-08		1.00	250.00	Jan 2018 Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-14	2017-11-23	Measure	1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-14	2017-12-06		1.00	250.00	Dec 2017	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-01-02 2017-12-15	2017-12-14 2017-12-01		1.00	250.00 250.00	Jan 2018 Jan 2018	IESO IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2017-12-13	2017-12-01		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-28	2017-12-01	Measure	1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-04	2017-12-13	Measure	1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-22 2018-01-18	2017-12-18 2017-12-19		1.00	250.00	Jan 2018 Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-18 2017-12-20	2017-12-19 2017-12-08		1.00	250.00	Feb 2018 Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-21	2017-12-05	Measure	1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-11	2017-12-20		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-22	2017-10-19		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-01-04 2018-01-12	2017-12-20 2017-12-27		1.00	250.00	Jan 2018 Jan 2018	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2018-01-12	2017-12-27		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-05	2017-12-12	Measure	1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2017-12-29	2017-12-14		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2017-12-29 2018-01-16	2017-12-18 2017-12-29		1.00	250.00 250.00	Jan 2018 Jan 2018	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2018-01-10	2017-12-29		1.00	250.00	Jan 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-02-21	2017-12-28	Measure	1.00	250.00	Mar 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-02-25	2017-12-13		1.00	250.00	Mar 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-01-09 2018-01-11	2017-11-14 2017-11-27		1.00	250.00 250.00	Feb 2018 Feb 2018	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2018-02-07	2017-11-27 2017-11-20		1.00	250.00	Feb 2018 Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-20	2017-11-20		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-09	2017-11-28	Measure	1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-09	2017-11-13		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E Furnace Equipped with E	2018-01-10 2018-01-15	2017-12-04 2017-12-20		1.00	250.00 250.00	Feb 2018 Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-15	2017-12-20		1.00	250.00	Feb 2018 Feb 2018	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with E	2018-01-10	2017-11-02		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-11	2017-11-27		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-11	2017-11-21		1.00	250.00	Feb 2018	IESO	1,310.66	0.80
Furnace Equipped with E	2018-01-11 2018-01-11	2017-11-22 2017-12-18		1.00	250.00 250.00	Feb 2018 Feb 2018	IESO	1,310.66 1,310.66	0.80
Furnace Equipped with Fu									
Furnace Equipped with E Furnace Equipped with E	2018-01-11	2017-11-30		1.00	250.00	Feb 2018	IESO	1,310.66	0.80

Furnace Equipped		2018-01-11		2017-11-28		1.00		250.00	Feb 2018	IESO			1,310.66	0.80
Furnace Equipped Furnace Equipped		2018-01-31 2018-02-01		2017-11-08 2017-11-23		1.00		250.00 250.00	Feb 2018 Feb 2018	IESO IESO			1,310.66 1,310.66	0.80
Furnace Equipped		2018-02-01		2017-11-22		1.00		250.00	Feb 2018	IESO			1,310.66	0.80
Furnace Equipped Furnace Equipped		2018-02-01 2018-02-01		2017-12-14 2017-11-23		1.00		250.00 250.00	Feb 2018 Feb 2018	IESO IESO			1,310.66 1,310.66	0.80
Furnace Equipped		2018-02-27		2017-10-27	Measure	1.00		250.00	Mar 2018	IESO			1,310.66	0.80
n/a All	11	2014-11-14	2014-12-01	2015-12-31	Products	79,109.41	n/a	134,014.99 41,727.29	Dec 2017	IESO IESO	136183PUC Distrib	No change	2,466,580.70	167.24
n/a All	11	2015-02-23	2015-02-27	2015-05-13		0.00		14,760.00	Dec 2017	IESO	140583PUC Distrib		0.00	0.00
Blended baseline n/a All		- TRUE-UP 2014-12-16	2014-11-03	2016-03-31	measures	1.00	n/a	157,471.60	Dec 2017	IESO			1,574,716.00	196.20
n/a All		2015-07-17	2015-09-10	2016-09-10		2.00		1,480.00	May 2017	IESO			33,434.00	7.40
n/a All n/a All		2016-05-05	2016-03-03	2016-05-06		6.00		1,316.00	Dec 2017	IESO IESO			9,384.00	2.00
n/a All n/a All		2016-06-17 2016-06-17	2016-07-11 2016-06-30	2016-08-15		1.00		560.00 549.00	Dec 2017 Dec 2017	IESO			5,219.00 3,654.00	0.00
n/a All		2016-06-17	2016-06-30	2016-08-30		20.00	n/a	3,660.00	Dec 2017	IESO			24,360.00	0.00
n/a All n/a All		2016-06-17 2016-06-17	2016-06-30 2016-06-30	2016-08-30		47.00		4,136.00 1,134.00	Dec 2017 Dec 2017	IESO IESO			27,448.00 7,560.00	0.00
n/a All	11	2016-06-17	2016-06-30	2016-08-30	measures	1.00	n/a	126.00	Dec 2017	IESO			840.00	0.00
n/a All n/a All		2016-06-17 2016-06-17	2016-06-30 2016-06-30	2016-08-30		1.00		126.00 1,840.00	Dec 2017 Dec 2017	IESO IESO			840.00 12,264.00	0.00
n/a All		2016-06-17	2016-06-30	2016-08-30		11.00		2,013.00	Dec 2017	IESO			13,398.00	0.00
n/a All n/a All		2016-06-17	2016-06-30	2016-08-30		2.00		366.00	Dec 2017	IESO			2,436.00	0.00
n/a All n/a All		2016-06-17 2016-06-17	2016-06-30 2016-06-30	2016-08-30		16.00		1,408.00 1,008.00	Dec 2017 Dec 2017	IESO IESO			9,344.00 6,720.00	0.00
n/a All		2016-07-25	2016-11-01	2016-11-02		4.00	n/a	3,001.45	Dec 2017	IESO			22,134.00	7.39
n/a All n/a All		2016-08-14 2016-08-18	2016-11-15 2016-07-18	2016-11-15 2016-12-23		118.00 37.00		4,517.60	Dec 2017 Dec 2017	IESO IESO			47,716.46 4,774.63	8.33
n/a All	11	2016-08-18	2016-07-18	2016-12-23	measures	71.00	n/a	574.00	Dec 2017	IESO			4,222.83	0.65
n/a All n/a All		2016-08-18 2016-08-18	2016-07-18 2016-07-18	2016-12-23 2016-12-23		54.00 178.00		380.00 1,030.00	Dec 2017 Dec 2017	IESO IESO			2,932.18 4,464.68	0.31
n/a All		2016-09-21	2016-09-20	2016-12-23		291.00		2,244.00	Dec 2017	IESO			14,070.31	1.31
n/a All		2016-11-21	2016-11-08	2016-11-30		1.00		1,108.14	Mar 2018	IESO			22,162.80	2.03
n/a All n/a All		2016-12-12 2014-12-16	2016-12-12 2014-11-24	2017-04-12	measures measures	1.00		412.00 9,412.95	Dec 2017 Dec 2017	IESO IESO			5,308.56	0.24
Blended baseline	e impacts													
n/a All n/a All		2017-01-10 2016-07-07	2017-01-13 2016-01-01	2017-02-10 2017-10-23		1.00		903.55 31,555.70	Mar 2017 Dec 2017	IESO IESO			18,071.00 357,274.00	2.10
n/a All	Ш	2016-08-04	2016-09-14	2017-05-18	8 measures	3.00	n/a	14,613.92	Dec 2017	IESO			373,190.36	61.19
n/a All n/a All		2016-08-30 2017-03-27	2016-09-30 2017-05-15	2017-10-23		1.00		449.60	Dec 2017 Dec 2017	IESO IESO			4,496.00 47,961.36	0.00
n/a All		2017-03-27 2017-05-03	2017-05-15	2017-05-19		1,044.00		4,654.42	Dec 2017 Dec 2017	IESO			123,447.90	10.44
n/a All		2017-07-05	2017-07-10	2017-09-29		30.00		8,250.00	Dec 2017	IESO			91,980.00	0.00
n/a All n/a All		2017-09-12 2017-09-17	2017-09-15 2017-06-26	2017-10-04 2017-08-24		288.00		2,016.00 640.00	Dec 2017 Dec 2017	IESO IESO			13,230.72 205.00	2.88
n/a All	11	2017-09-21	2017-09-01	2017-09-19	measures	70.00	n/a	350.00	Dec 2017	IESO			3,992.59	1.02
n/a All n/a All		2017-10-13 2017-10-30	2017-10-20 2017-10-17	2017-10-24 2017-11-07		8.00		600.00 705.00	Dec 2017 Dec 2017	IESO IESO			6,720.00 7,221.22	0.00
n/a All		2017-10-30	2017-12-01	2017-11-07		6.00		660.00	Dec 2017	IESO			7,308.00	0.00
n/a All n/a All		2017-11-16	2017-11-16 2017-11-07	2017-11-21		1.00		500.00	Dec 2017 Dec 2017	IESO IESO			7,311.68	1.25
n/a All n/a All		2017-12-11 2017-12-11	2017-11-07 2017-12-15	2017-11-21 2017-12-29		1.00 200.00		192.72	Dec 2017 Dec 2017	IESO			3,854.40 9,188.00	2.00
n/a All		2016-08-18	2016-07-18	2017-04-24	measures	80.00	n/a	536.00	Dec 2017	IESO			4,075.75	0.50
n/a All n/a All		2016-10-19 2017-01-24	2016-10-19 2017-01-25	2017-03-20 2017-05-29		1.00		268.49 1,262.24	Dec 2017 Dec 2017	IESO IESO			5,369.88 25,244.74	0.61
n/a All		2017-01-25	2017-02-13	2017-02-17		24.00		6,600.00	Dec 2017	IESO			73,584.00	0.00
n/a All n/a All		2017-01-25 2017-02-14	2017-01-26 2017-02-28	2017-01-31		2.00		511.59	Dec 2017 Dec 2017	IESO IESO			6,221.06 15,305.32	0.92
n/a All n/a All		2017-02-14	2017-02-28	2017-03-23 2017-03-13		2,724.00		19,068.00	Dec 2017 Dec 2017	IESO			125,140.56	27.24
n/a All		2017-03-30	2017-03-17	2017-05-29		18.00	n/a	1,320.00	Dec 2017	IESO			14,947.80	0.00
n/a All n/a All		2017-04-13 2017-06-01	2017-04-18 2017-06-01	2017-05-31 2017-06-13		159.00		795.00 213.71	Dec 2017 Dec 2017	IESO IESO			7,304.46 4,274.18	1.59
n/a All	11	2017-06-06	2017-06-12	2017-06-13		11.00	n/a	1,210.00	Dec 2017	IESO			11,726.67	3.11
n/a All n/a All		2017-06-06 2016-09-21	2017-06-12 2016-09-20	2017-06-13 2017-08-11		3.00		150.00 3,740.00	Dec 2017 Dec 2017	IESO IESO			1,751.40 40,953.00	0.00
n/a All		2017-03-06	2018-09-20	2017-08-11		1.00		392.80	Dec 2017	IESO			40,933.00	0.98
n/a All		2017-03-16	2017-04-01	2017-04-30		1.00		1,490.95	Dec 2017	IESO			29,819.00	3.40
n/a All n/a All		2017-08-17 2017-03-29	2017-03-31 2017-02-01	2017-04-28 2017-03-31		110.00		5,482.64 2,453.00	Dec 2017 Dec 2017	IESO IESO			24,641.36 24,530.00	4.31
n/a All	Ш	2017-03-29	2017-03-28	2017-06-30	measures	173.00	n/a	9,900.00	Dec 2017	IESO			113,807.40	0.00
n/a All n/a All		2017-04-18 2017-05-08	2017-04-17 2017-06-29	2017-04-27 2017-06-29		28.00		7,700.00	Dec 2017 Dec 2017	IESO IESO			85,848.00 1,916.85	0.00
n/a All	Ш	2017-05-23	2017-06-01	2017-07-14		45.00		2,052.95	Dec 2017	IESO			10,460.61	1.69
n/a All n/a All		2017-05-28	2017-06-15 2017-09-14	2017-07-25	measures measures	84.00		588.00	Dec 2017	IESO			3,858.96	0.84
n/a All n/a All		2017-09-15 2017-08-17	2017-05-14	2017-06-30		5.00		10,148.00 1,623.08	Dec 2017 Dec 2017	IESO IESO			96,679.23	24.87
n/a All		2017-01-11	2017-03-20	2017-07-31		2.00		2,992.00	Jan 2018	IESO			8,516.00	3.74
n/a All n/a All		2017-02-06 2017-08-31	2016-05-01 2017-09-14	2017-06-30		14,664.00		95,316.00 5,686.02	Feb 2018 Mar 2018	IESO IESO			1,554,384.00 70,639.00	586.56 18.90
n/a All	11	2017-10-03	2017-07-03	2017-09-01	measures	1.00	n/a	41,819.62	Mar 2018	IESO			418,196.20	47.20
n/a All		2016-12-12	2016-12-12	2017-04-18	Measures Measure	1.00	n/a	291.00 250.00	Dec 2017	IESO IESO			6,088.20 733.00	0.59
					Measure	2.00		250.00		IESO			1,000.00	0.00
					Measure Measure	2.00		400.00 250.00		IESO IESO			24.00 733.00	0.00
					Measure	2.00		400.00		IESO			390.00	0.00
					Measure	1.00		400.00		IESO IESO			17.00	0.00
					Measure Measure	1.00		75.00 250.00		IESO			630.00 733.00	0.00
					Measure	1.00		250.00		IESO			733.00	0.00
					Measure Measure	1.00		250.00 250.00		IESO IESO			733.00	0.00
					Measure	1.00		250.00		IESO			733.00	0.00
					Measure Measure	3.00		325.00 250.00		IESO IESO			1,704.00 924.00	0.00
					Measure	1.00		250.00		IESO			733.00	0.00
					Measure Measure	2.00		30.00 250.00		IESO IESO			944.00 970.00	0.00
					Measure	1.00		400.00		IESO			17.00	0.00
					Measure	1.00		75.00		IESO IESO			790.00	0.00
					Measure	2.00		250.00 2,380.00		IESO			952.00 3,760.00	0.00
					Measure	1.00		3,160.00		IESO			10,481.00	0.00
					Measure Measure	1.00		2,500.00		IESO IESO			7,773.00 352.00	0.00
					Measure	1.00		0.00		IESO			284.00	0.00
					Measure Measure	1.00		0.00		IESO IESO			510.00 239.00	0.00
					Measure	1.00		0.00		IESO			239.00	0.00
					Measure	1.00		0.00		IESO			387.00	0.00
					Measure Measure	1.00		0.00		IESO IESO			510.00 343.00	0.00
					Measure	1.00		0.00		IESO			101.00	0.00
					Measure Measure	1.00		0.00		IESO IESO			201.00 124.00	0.00

		Measure	1.00		0.00	IESO		1,240.00	0.00
		Measure	1.00		0.00	IESO		165.00	0.00
		Measure	1.00		0.00	IESO		385.00	0.00
		Measure	1.00		0.00	IESO		131.00	0.00
		Measure	1.00		0.00	IESO		262.00	0.00
		Measure	1.00		0.00	IESO		230.00	0.00
		Measure	1.00		0.00	IESO		267.00	0.00
		Measure	1.00		0.00	IESO		132.00	0.00
		Measure	1.00		0.00	IESO		170.00	0.00
		Measure	1.00		0.00	IESO		298.00	0.00
		Measure	1.00		0.00	IESO		177.00	0.00
		Measure	1.00		0.00	IESO		391.00	0.00
			214,973.16	48,984.49	1,309,723.66			10,194,452.20	1,613.85

# APPENDIX 8

GA Analysis Work Form

# GA Analysis Workform

Version 1.0

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

Drop down cells	Utility Name	PUC DISTRIBUTION INC.
Year(s) Requested for Disposition	Utility Name	

Year(s) Requested for Disposition Note 1

> 2015 V 2016

> > 2017

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

	Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K51)	Prii					justed Net Change in ncipal Balance in the GL (cell C76)		Unresolved Difference		Unresolved Difference as % of Expected GA Payments to IESO
	Tedi	KJI)		GL (Cell C62)		10 075)	-	GL (Cell C/6)	-	Difference	(Cell J51)	
2014		\$ -	\$	-	\$	-	\$	-	\$	-	\$-	0.0%
2015		\$ -	\$	-	\$	-	\$	-	\$	-	\$-	0.0%
2016		\$ -	\$	-	\$	-	\$	-	\$	-	\$ -	0.0%
2017		\$ 123,169	\$	468,260	-\$	441,645	\$	26,615	-\$	96,554	\$ 22,805,444	-0.4%
Cumu	Ilative Balance	\$ 123,169	\$	468,260	-\$	441,645	\$	26,615	-\$	96,554	\$ 22,805,444	N/A

# **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	-	kWh	100%
RPP	A		kWh	0.0%
Non RPP	B = D+E	-	kWh	0.0%
Non-RPP Class A	D		kWh	0.0%
Non-RPP Class B*	E		kWh	0.0%

 Interview
 Image: Construction of the loss factor.
 I

### Note 3 GA Billing Rate

### GA is billed on the

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

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#### Note 4 Analysis of Expected GA Amount

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				-	0.00000	\$-	0.01261	\$-	\$-
February				-	0.00000	\$-	0.01330	\$-	\$-
March				-	0.00000	\$-	-0.00027	\$-	\$ -
April				-	0.00000	\$-	0.05198	\$-	\$ -
May				-	0.00000	\$-	0.07196	\$-	\$ -
June				-	0.00000	\$-	0.06025	\$-	\$ -
July				-	0.00000	\$-	0.06256	\$-	\$ -
August				-	0.00000	\$-	0.06761	\$-	\$ -
September				-	0.00000	\$-	0.07963	\$-	\$ -
October				-	0.00000	\$-	0.10014	\$-	\$ -
November				-	0.00000	\$-	0.08232	\$-	\$ -
December				-	0.00000	\$-	0.07444	\$-	\$ -
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	-	-		-		\$-		s -	<b>\$</b> -

Calculated Loss Factor

0.0000

	Item	Amount	Explanation
		Amount	Explanation
Net Char	ge in Principal Balance in the GL (i.e. Transactions in the		
	Year)		
	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		
	<b>5</b>		
Za	Remove prior year end unbilled to actual revenue differences		
26	Add current year end unbilled to actual revenue differences		
	Remove difference between prior year accrual/forecast to		
20	actual from long term load transfers		
	Add difference between current year accrual/forecast to		
	actual from long term load transfers		
55			
	Remove GA balances pertaining to Class A customers		
	Significant prior period billing adjustments recorded in current vear		
	Differences in GA IESO posted rate and rate charged on IESO invoice		
	Differences in actual system losses and billed TLFs		
	Others as justified by distributor		
9			
10			
Note 6	Adjusted Net Change in Principal Balance in the GL	s -	
	Net Change in Expected GA Balance in the Year Per	-	
	Analysis	s -	
	Unresolved Difference	¢	

Unresolved Difference	\$ -
Unresolved Difference as % of Expected GA Payments	
to IESO	 0.0%

# **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	-	kWh	100%
RPP	A		kWh	0.0%
Non RPP	B = D+E	-	kWh	0.0%
Non-RPP Class A	D		kWh	0.0%
Non-RPP Class B*	E		kWh	0.0%

\*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

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

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	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				-	0.00000		0.05068		\$-
February				-	0.00000	\$-	0.03961	\$-	\$-
March				-	0.00000	\$-	0.06290	\$-	\$-
April				-	0.00000	\$-	0.09559	\$-	\$-
May				-	0.00000	\$-	0.09668	\$-	\$-
June				-	0.00000	\$-	0.09540	\$-	\$-
July				-	0.00000	\$-	0.07883	\$-	\$-
August				-	0.00000	\$-	0.08010	\$-	\$-
September				-	0.00000	\$-	0.06703	\$-	\$-
October				-	0.00000	\$-	0.07544	\$-	\$-
November				-	0.00000	s -	0.11320	\$-	\$-
December				-	0.00000	\$ -	0.09471	\$ -	\$-
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	-	-	-	-		ş -		\$ -	\$ -

Calculated Loss Factor

0.0000

	ltem	Amount	Explanation
		Amount	Explanation
Net Change in Pri	incipal Balance in the GL (i.e. Transactions in the		
	Year)		
True-up	of GA Charges based on Actual Non-RPP Volumes -		
1a prior yea			
True-up	o of GA Charges based on Actual Non-RPP Volumes -		
1b current	year		
2a Remove	e prior year end unbilled to actual revenue differences		
2b Add cur	rrent year end unbilled to actual revenue differences		
Remove	e difference between prior year accrual/forecast to		
3a actual fr	rom long term load transfers		
Add diffe	erence between current year accrual/forecast to		
3b actual fr	rom long term load transfers		
4 Romovia	e GA balances pertaining to Class A customers		
	ant prior period billing adjustments recorded in current		
5 vear	and prior period billing adjustments recorded in current		
	ces in GA IESO posted rate and rate charged on		
6 IESO in			
	ices in actual system losses and billed TLFs		
	as justified by distributor		
o Others a	as justilied by distributor		
10			
10			

Net Change in Expected GA Balance in the Year Per Analysis \$ - Unresolved Difference \$ - Unresolved Difference as % of Expected GA Payments	
Unresolved Difference \$ -	
Unresolved Difference as % of Expected GA Payments	
to IESO 0.0	0%

# **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	-	kWh	100%
RPP	A		kWh	0.0%
Non RPP	B = D+E	-	kWh	0.0%
Non-RPP Class A	D		kWh	0.0%
Non-RPP Class B*	E		kWh	0.0%

\*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

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

Analysis of Expected GA Amount	r								
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	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				-	0.00000		0.09179		\$-
February				-	0.00000	\$ -	0.09851	\$-	\$-
March				-	0.00000	\$-	0.10610	\$-	\$-
April				-	0.00000	\$-	0.11132	\$-	\$-
May				-	0.00000	s -	0.10749	\$ -	\$ -
June				-	0.00000	s -	0.09545	\$ -	\$ -
July				-	0.00000	s -	0.08306	\$ -	\$ -
August				-	0.00000	s -	0.07103	\$ -	\$ -
September				-	0.00000	s -	0.09531	\$ -	\$ -
October				-	0.00000	\$ -	0.11226	\$ -	\$ -
November				-	0.00000	s -	0.11109	\$ -	\$ -
December				-	0.00000	s -	0.08708	\$ -	\$ -
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	-	-	-	-		\$ -		\$ -	s -

Calculated Loss Factor

0.0000

	Item	Amount	From Large Allers
		Amount	Explanation
Net Chan	ge in Principal Balance in the GL (i.e. Transactions in the		
	Year)		
	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		
2a	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		
	Differences in actual system losses and billed TLFs		
	Others as justified by distributor		
9			
10			

Net Change in Expected GA Balance in the Year Per Analysis \$ - Unresolved Difference \$ - Unresolved Difference as % of Expected GA Payments	
Unresolved Difference \$ -	
Unresolved Difference as % of Expected GA Payments	
to IESO 0.0	ე%

# **GA Analysis Workform**

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

Year		2017		
Total Metered excluding WMP	C = A+B	622,542,513	kWh	100%
RPP	A	391,333,853	kWh	62.9%
Non RPP	B = D+E	231,208,661	kWh	37.1%
Non-RPP Class A	D	13,841,829	kWh	2.2%
Non-RPP Class B*	E	217,366,832	kWh	34.9%

#### Note 3 GA Billing Rate

GA is billed on the

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

1st Estimate

### 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)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	20,668,929			20,668,929	0.06687	\$ 1,382,131	0.08227	\$ 1,700,433	\$ 318,302
February	18,973,516			18,973,516	0.10559	\$ 2,003,414	0.08639	\$ 1,639,122	-\$ 364,292
March	23,545,049			23,545,049	0.08409	\$ 1,979,903	0.07135	\$ 1,679,939	-\$ 299,964
April	18,283,337			18,283,337	0.06874	\$ 1,256,797	0.10778	\$ 1,970,578	\$ 713,781
May	19,583,355			19,583,355	0.10623	\$ 2,080,340	0.12307	\$ 2,410,124	\$ 329,784
June	20,037,660			20,037,660	0.11954	\$ 2,395,302	0.11848	\$ 2,374,062	-\$ 21,240
July	16,409,381			16,409,381	0.10652	\$ 1,747,927	0.11280	\$ 1,850,978	\$ 103,051
August	18,524,029			18,524,029	0.11500	\$ 2,130,263	0.10109	\$ 1,872,594	-\$ 257,669
September	17,752,559			17,752,559	0.12739	\$ 2,261,499	0.08864	\$ 1,573,587	-\$ 687,912
October	16,632,974			16,632,974	0.10212	\$ 1,698,559	0.12563	\$ 2,089,601	\$ 391,041
November	18,306,188			18,306,188	0.11164	\$ 2,043,703	0.09704	\$ 1,776,433	-\$ 267,270
December	20,288,852			20,288,852	0.08391	\$ 1,702,438	0.09207	\$ 1,867,995	\$ 165,557
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	229,005,829	-	-	229,005,829		\$ 22,682,275		\$ 22,805,444	\$ 123,169

Calculated Loss Factor

1.0535

	ltem	Amount	Explanation
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)			·
		\$ 468,260	
	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		
2a	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		
			Account 1589 includes amounts for Class A customers that needs to be adjusted out. Class A customers are billed
4	Remove GA balances pertaining to Class A customers		using peak demand factor and IESO bills at the kWhs multiplied by the final GA rate.
	Significant prior period billing adjustments recorded in current		
5	vear		
J	Differences in GA IESO posted rate and rate charged on		
6	IESO invoice		
	Differences in actual system losses and billed TLFs		
	Others as justified by distributor		
8	Outlets as Justified by distributor		
y			
10			

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	26,615
	Analysis	s	123.169
	Unresolved Difference	-\$	96,554
	Unresolved Difference as % of Expected GA Payments		
	to IESO		-0.4%

# APPENDIX 9

GA Methodology Description

### Appendix 9 PUC Distribution Inc. – EB-2018-0219 GA Methodology Description

## **Questions:**

- 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.

## Answers:

1. PUC Distribution uses an approach different than options (a) and (b). In booking expense journal entries, CT 1142 is booked into Account 1588. In relation to CT 148, the non-RPP quantities multiplied by the GA rate is booked into Account 1589 and the remainder of CT 148 is booked into Account 1588.

## **Questions:**

- 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).
  - 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 true up.
  - c. Has CT 1142 been trued up for with the IESO for all of 2017?
  - d. Which months from 2017 were trued up in 2018?
  - e. Have all of the 2017 related true-ups been reflected in the applicant's DVA Continuity Schedule in this proceeding?
  - f. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

## Answers:

- 2. Answers on CT 1142.
  - a. The RPP settlement variance is calculated for customers with conventional meters on tiered pricing and customers with Smart Meters on Time of Use (TOU) pricing. PUC Distribution's billing system provides the kWh's billed to RPP customers each month, as well as the corresponding RPP revenue. The system also tracks corresponding amounts (not billed) for both HOEP and monthly GA. The settlement variance is calculated by subtracting the RPP revenues billed to customers from the amounts calculated using HOEP plus the GA amount adjusted to reflect the final GA rate. This variance is then submitted for settlement to the IESO.

b. PUC Distribution reconciles the estimates of RPP consumption to actuals on a monthly basis. The total volume is determined by taking the actual kWh volume purchased from the IESO plus any embedded generation volume to determine the total actual volume to be split between RPP and non-RPP. A system query is run, which identifies monthly consumption for non-RPP customers, with the difference being RPP volume.

The RPP volume is multiplied by the actual GA rate to determine the GA allocated to RPP customers and is netted against the estimate that was either paid to or received from the IESO on a monthly basis. This difference is then settled with the IESO on a monthly basis.

- c. Yes, PUC Distribution's CT 1142 has been trued up with the IESO for all of 2017.
- d. PUC Distribution bills and reconciles monthly resulting in November and December 2017 needing to be trued up in 2018. Related journal entries were recorded in December 2017 as year-end adjustment entries.
- e. Yes, PUC Distribution's 2017 related true-up has been reflected in the DVA Continuity Schedule in this proceeding.
- f. PUC Distribution's closing principle balance as of December 31, 2017 adjusted for disposition during 2018 in column "BO" of the continuity schedule includes the true-up entries which are recorded under "Transactions Debit (Credit) during 2017" column as part of the regular transactions for the year. The true-up portion is included in the amounts of (\$1,012,943) for Account 1588 RSVA Power and \$468,260 for Account 1589 RSVA GA.

## Questions:

- 3. Questions on CT 148.
  - a. Please describe the process for initial recording of CT 148 in the accounts (i.e. 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.
  - c. What data is sued 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?
  - 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?
  - e. Please indicate which months from 2017 were trued up in 2018 for CT 148 proportions between RPP and non-RPP.
  - f. Are all true-ups for 2017 consumption reflected in the DVA Continuity Schedule under 2017?
  - g. Please quantify the amount reflected in the DVA Continuity Schedule, and the column where it is included.

### Answers:

- 3. Answers on CT 148.
  - a. Charge Type 148 is expensed to Account 4705. Of this amount, the non-RPP quantities multiplied by the final GA rate is booked to Account 1589 and the remainder of Charge Type 148 is booked to Account 1588.
  - b. PUC Distribution uses the 1<sup>st</sup> Estimate rate for billing GA to its Non-RPP consumers. These amounts are used in determination of the RSVA-GA account in 1589. The GA amounts charged to PUC on the monthly IESO Settlement Invoices using the actual GA rate represents consumption for both RPP and Non-RPP consumers. These amounts are initially recorded in Cost of Power expense accounts used in determining the balance of RSVA-Power account 1588. PUC Distribution's billing system provides the Non-RPP kWh's for each month which are multiplied by the applicable Actual GA rates. The resulting amounts are transferred from the RSVA-Power Account 1588 to the RSVA-GA Account 1589.

The RSVA-GA Account 1589 only records the net difference between the GA revenue amounts billed to Non-RPP consumers and the calculated GA expense for Non-RPP consumers.

- c. Total billed kWh is split between the non-RPP and RPP kWh. The non-RPP kWh volume is multiplied by the actual GA rate for recording as an expense in Account 1589.
- d. No. Both 1588 and 1589 are trued-up monthly using actual billing data.
- e. N/A
- f. Yes, PUC Distribution's 2017 related true-up has been reflected in the DVA Continuity Schedule in this proceeding.
- g. PUC Distribution's closing principle balance as of December 31, 2017 adjusted for disposition during 2018 in column "BO" of the continuity schedule includes the true-up entries which are recorded under "Transactions Debit (Credit) during 2017" column as part of the regular transactions for the year. The true-up portion is included in the amounts of (\$1,012,943) for Account 1588 RSVA Power and \$468,260 for Account 1589 RSVA GA.

### **Questions:**

- 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?
  - b. Please provide a breakdown of the total amount of principal adjustments that were approved (e.g. true-up of unbilled (for 2589 only), true-up of CT 1142, and true-up of CT 148 etc.).
  - c. Has the applicant reversed the adjustment approved in 2018 in its current proposed amount for disposition?
  - d. Please provide a breakdown of the amounts shown under principal adjustments in the DVA Continuity Schedule filed in its current proceeding, including the reversals and the new true-up amounts regarding 2017 true-ups.

- e. Does 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.
- 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.

### Answers:

- 4. Answers on principal adjustments and reversals on the DVA Continuity Schedule Accounts 1588 and 1589.
  - a. PUC Distribution did not have any principal adjustments in its 2018 rate proceeding which were approved for disposition.
  - b. N/A
  - c. N/A
  - d. N/A
  - e. N/A
  - f. N/A

# APPENDIX 10

1595 Analysis Work Form

		1595 Analysis Work	form	
			Version 1.0	
95 Analysis Workform				
Input cells Drop down cells	-			
	Utility Name	PUC DISTRIBUTION INC.	Utility name must be selected	
1595 Rate Years Requested for Disposition		2012		
		2013		
		2014		

# 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		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	\$307,2	-\$190,214	\$117,049	\$113,701	\$3,348	\$1,261	\$4,609	2.9%
Account 1589 - Global Adjustment	\$1,301,2		\$1,352,124					3.5%
Total Group 1 and Group 2 Balances	\$1,608,5	1 -\$139,338	\$1,469,173	\$1,419,134	\$50,039	\$15,737	\$65,776	3.4%

\*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