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November 1, 2019

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

RE: EB-2019-0021 Bluewater Power Distribution Corporation 2020 Rate Application

Dear Ms. Walli

Bluewater Power Distribution Corporation is pleased to submit its Application for 2020 Rates under the 4^{th} Generation Incentive Rate-setting plan under the Price Cap IR.

An electronic copy has been submitted to the Board through the RESS system, and two hard copies will be delivered to the OEB office.

The following Excel models will be submitted:

- 1. 2020 IRM Rate Generator Model
- 2. GA Analysis Workform
- 3. LRAMVA Workform
- 4. IESO Participation and Cost Report

Sincerely,

Leslie Dugas

Director of Regulatory and Customer Service Bluewater Power Distribution Corporation

Email: ldugas@bluewaterpower.com Phone: 519-337-8201 Ext 2255

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1) Manager's Summary

1 ONTARIO ENERGY BOARD 2 IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O.1998, c.15 3 (Sched. B) 4 AND IN THE MATTER OF an Application by Bluewater Power 5 Distribution Corporation for an Order or Orders pursuant to section 78 6 of the Ontario Energy Board Act, 1998 for 2020 distribution rates and 7 related matters. **APPLICATION** 8 9 10 1. The Applicant, Bluewater Power Distribution Corporation ("Bluewater"), is a licensed electricity 11 distributor operating pursuant to license ED-2002-0517. Bluewater distributes electricity to 12 approximately 36,000 customers in the municipalities of the City of Sarnia, the Town of Petrolia, 13 the Village of Point Edward, the Village of Oil Springs, the Township of Warwick, and the Township 14 of Brooke-Alvinston in Southwestern Ontario. 15 Bluewater hereby applies to the Ontario Energy Board (the "OEB") for an order or orders made 2. 16 pursuant to Section 78 of the Ontario Energy Board Act, 1998, as amended, (the "OEB Act") 17 approving just and reasonable rates for the distribution of electricity based on a 2020 4th Generation Incentive Rate-setting ("2020 IRM") application, under the Price Cap IR effective May 18 19 1, 2020. 20 3. Specifically, Bluewater hereby applies for an order or orders granting distribution rates updated 21 and adjusted in accordance with Chapter 3 of the Filing Requirements for Electricity Distribution 22 Rate Applications updated July 12, 2018 and Addendum to Filing Requirements for Electricity 23 Distribution Rate Applications issued July 15, 2019 ("Filing Requirements"), including the 24 following: 25 A Price Cap Adjustment in accordance with the parameters of the 4th Generation Incentive a. 26 Regulation for Ontario's Distributors; 27 b. An adjustment to the retail transmission service rates as provided in Guideline (G-2008-28 0001) on Retail Transmission Service Rates - October 22, 2008 (Revision 4.0 June 28, 2012); Page 1 of 25

- 1 c. The disposition of certain deferral and variance account principal balances as at December
 2 31, 2018, as discussed in Section 4 of the Manager's Summary, along with the carrying
 3 charges projected to April 30, 2020 in accordance with the Section 3.2.5 of the Filing
 4 Requirements;
- 5 d. Final disposition of the Group 1 accounts as of December 31, 2017 in the amount of (\$1,818,596) pertaining to the 2019 IRM rate decision EB-2018-0019;

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- e. Approval of a rate rider to recover lost revenues attributable to the implementation of certain conservation and demand management ("CDM") programs in 2018 and the persistence of past programs from 2011, 2012, 2013, 2014, 2015, 2016, and 2017 into 2018. The amount proposed for recovery is \$346,160 principal and \$13,468 carrying charges for a total claim of \$359,628 to be recovered over a one-year period;
- f. Approval to book an amount of \$30,452 related to tax sharing amount for the year ending December 31, 2018 to Account 1595 for future disposition. The amount presented in Sheet 8 of the Rate Generator Model does not result in a rate rider greater than four decimal places for any rate class. As a result, consistent with the guidance of Section 3.2.7 of the Filing Guidelines, we request the amount be booked for future disposition.
- 17 4. This Application is supported by written evidence that may be amended from time to time, prior to the Board's final decision on this Application.
- In the event that the OEB is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2020, Bluewater requests that the OEB issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim, until the decided implementation date of the approved 2020 distribution rates.
- 23 6. In the event that the effective date does not coincide with the OEB's decided implementation date for 2020 distribution rates and charges, Bluewater requests permission to recover the incremental revenue from the effective date to the implementation date.

1	7.	The Applicant requests that, pursuant to Section 32.01 of the OEB's Rules of Practice and
2		Procedure, this proceeding be conducted by way of written hearing.
3	8.	The Applicant requests that a copy of all documents filed with the OEB in this proceeding be
4		served on the Applicant as follows:
5		Bluewater Power Distribution Corporation
6		P.O. Box 2140
7		855 Confederation Street
8		Sarnia, ON N7T 7L6
9 10		Attention:
11		Ms. Leslie Dugas
12		Director of Regulatory and Customer Service
13		ldugas@bluewaterpower.com
14		Telephone: (519) 337-8201 ext. 2255
15		Fax: (519) 332-3878
16		
17		DATED at Sarnia, Ontario, this 1st day of November, 2019.
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20		
21 22		BLUEWATER POWER DISTRIBUTION CORPORATION
<i>LL</i>		
		L. Dugas
23 24		
24		
25		Leslie Dugas, Director of Regulatory and Customer Service
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1	Certification of Evidence
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3	As the VP of Finance and Chief Financial Officer of Bluewater Power Distribution Corporation, I certify
4	that the evidence filed in Bluewater's 2020 4 th Generation Incentive Rate-setting mechanism, Price
5	Cap IR Application is accurate to the best of my knowledge. Bluewater Power has robust processes
6	and internal controls in place for the preparation, review, verification and oversight of the account
7	balances being disposed. The filing is consistent with the requirements of Chapter 3 of the Filing
8	Requirements for Electricity Distribution Rate Applications revised on July 12, 2018 and Addendum to
9	Filing Requirements for Electricity Distribution Rate Applications, issued July 15, 2019.
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13	Mark Hutson
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15	
16	VP Finance and Chief Financial Officer
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1 2		Manager's Summary
3	Bluewa	ater Power Distribution Corporation ("Bluewater") hereby submits its complete application for
4	the app	proval of distribution rates proposed to be effective May 1, 2020 under the 2020 4th Generation
5	Incenti	ve Rate-setting mechanism, Price Cap IR ("2020 IRM").
6		
7	For pu	poses of the 2020 IRM Application, Bluewater has relied upon the following OEB-issued
8	docum	ents and guidelines:
9		
10	•	Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications, updated on
11		July 12, 2018, and Addendum to Filing Requirements for Electricity Distribution Rate
12		Applications, issued July 15, 2019 ("Filing Requirements")
13	•	Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008, Revision
14		4.0, June 28, 2012 ("RSTR Guidelines")
15	•	CBR Accounting Guidelines, dated July 25, 2016
16	•	Guidance on the Disposition of Accounts 1588 and 1589, dated May 23, 2017
17	•	Accounting Procedures Handbook Update – Accounting Guidance related to Accounts 1588
18		Power, and 1589 RSVA Global Adjustment, dated February 21, 2019
19		
20	Listed l	pelow are the specific items to be addressed in the Manager's Summary:
21		
22	1.	Overview
23	2.	Annual Adjustment
24	3.	Retail Transmission Service Charges
25	4.	Proposed Deferral and Variance Account Balance Disposition
26	5.	Lost Revenue Adjustment Mechanism Variance Account Disposition ("LRAMVA")
27	6.	Tax Changes
28	7.	Proposed Rates and Tariffs
29	8.	Bill Impacts

2	1. Overview
3	Bluewater's last Cost of Service Application was filed under Application Number EB-2012-0107 for
4	rates effective May 1, 2013. A full settlement was reached by all parties, and the OEB issued a
5	Decision and Rate Order on April 25, 2013. The most recent rate application submitted was under the
6	Price Cap IR mechanism for rates effective May 1, 2019 under case number EB-2018-0019.
7	
8	Bluewater will publish the Notice of Application and Hearing upon direction from the OEB.
9	
10	This Application will affect all ratepayers in Bluewater's service territory. A detailed breakdown of the
11	bill impacts for all customers is contained in Table 9 at the end of the Manager's Summary.
12	
13	The internet address for Bluewater Power is: www.bluewaterpower.com
14	
15	Bluewater requests that this Application be processed by way of a written hearing.
16	
17	Billing Determinants
18	The 2020 IRM Rate Generator Model ("Rate Generator Model") imports the billing determinants from
19	the most recent data provided in the RRR filing, dated April 30, 2019. Bluewater confirms the data in
20	the Rate Generator Model is correct, and an excerpt from Section 2.1.5 of the RRR filing is presented
21	in Table 1, below, with a comparison to the data included in Sheet 4 of the OEB's Rate Generator
22	Model, as presented in Table 2. The loss factor used in Sheet 10 of the Rate Generator Model is the
23	loss factor as approved in 2013.
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Table 1 – Excerpt from RRR Filings – Section 2.1.5 Table 3b (2018 data)

Table 3b Total Metered Consumption (SSS + Retailer) and Annual Billings by Generic Rate Class Metered consumption in kWhs and kW will auto-populate from Table 1b and Table 2a. Please input Annual Billings for each generic rate class. The sum of annual billings for all rate classes should equal Account 4080 from the RRR 2.1.7 Trial Balance. Generic Rate Class Metered consumption in kWhs (w=o+q) Metered consumption in kWs (x=p+r) Residential 259047259 00 General Service < 50 kW 102384914.00 0.00 General Service >= 50 kW 336438106.00 823282.00 287387432.00 486459.00 Sub Transmission Customers 0.00 0.00 0.00 Embedded Distributor(s) 0.00 Street Lighting Connections 3664818.00 10173.00 Sentinel Lighting Connections 1303.00 454812.00 Unmetered Scattered Load Connections 2058340.00 0.00 Total (Auto-Calculated) 991435681.00 1321217.00

Table 2 – Excerpt from Sheet 4 – Billing Determinants from the Rate Generator Model

Rate Class	Unit	kWh	kW
RESIDENTIAL SERVICE CLASSIFICATION	kWh	259,047,259	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	102,384,914	0
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	200,051,121	543,963
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	136,386,985	279,319
LARGE USE SERVICE CLASSIFICATION	kW	287,387,432	486,459
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,058,340	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	454,812	1,303
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,664,818	10,173
	Total	991,435,681	1,321,217

2. Annual Adjustment

Based on the current price cap parameters, the Rate Generator Model reflects an adjustment of 1.2% to base distribution rates. That calculation is based on an inflation factor of 1.5%, less a productivity factor of 0.0%, less a stretch factor of 0.3%. The stretch factor of 0.3% is assigned to Bluewater based on the PEG Report to the Ontario Energy Board, dated August 2019. Bluewater acknowledges that the price escalator may change as a result of an updated inflation factor.

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2	5. Retail Transmission Service Rates
3	Bluewater is charged retail transmission service rates ("RTSR") by each of the Independent Electricity
4	System Operator ("IESO") and Hydro One Networks Inc. ("Hydro One"). Bluewater has established
5	approved rates to charge customers in order to recover those expenses.
6	
7	The OEB has provided sheets within the Rate Generator Model to compare the current retail
8	transmission costs and retail transmission revenues to the projected transmission costs. Bluewater
9	has completed the Rate Generator Model using the best available information. Bluewater
10	acknowledges that the rates are expected to be updated with potential changes to one, or both, of
11	the IESO or Hydro One transmission service rates. Those updates will be incorporated into this
12	application prior to a final decision by the Board. The currently proposed RTSR rates and
13	corresponding increased bill impacts are as a result of the OEB's July 2019 Decision and Rate Order
14	that increased 2019 Uniform Transmission Rates effective July 1, 2019.
15 16	4. Proposed Deferral and Variance Account Disposition
17	This section of the application deals with the following topics:
18	
19	A. Group 1 Disposition
20	B. Commodity Accounts 1588 and 1589
21	C. Wholesale Market Participants
22	D. Class A customers and Global Adjustment
23	E. CBR Class B Disposition
24	F. Settlement Process with IESO
25	G. Global Adjustment Workform
26	H. Account 1595 Workform
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1 2	A - Group 1 Disposition
3	Bluewater is proposing to dispose of audited balances as of December 31, 2018. Provided in Table 3,
4	below, is the detailed claim by account number. The balance in the Group 1 accounts (Accounts 1550,
5	1551, 1580, 1584, 1586, 1588, and 1589) is (\$1,543,118). This leads to a threshold test value of
6	(\$0.0016)/kWh, which exceeds the materiality threshold of +/- $$0.001$ /kWh, as defined in the Filing
7	Requirements. Bluewater is proposing to dispose of the balance over a one-year period, commencing
8	May 1, 2020.
9	
10	Bluewater has calculated carrying charges from January 1, 2020 to April 30, 2020 at the Board's
11	prescribed interest rate of 2.18%.
12	
13	Bluewater confirms that no adjustments have been made to any deferral or variance account balances
14	previously approved by the OEB on a final basis, and we confirm the balances as reported in the RRR
15	filings match those presented in the continuity schedule in this application.
16	
17	Bluewater is proposing recovery of lost revenue related to conservation activities in this application.
18	The variance between the level of conservation included in the 2013 rebasing application and the
19	actual results for 2018, including persistence from 2011, 2012, 2013, 2014, 2015, 2016, and 2017 is
20	greater than Bluewater's materiality threshold; therefore, Bluewater requests disposition of the
21	amount of \$359,628. Further details supporting the claim are found in Section 5 of this Application.
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Table 3 - Deferral and Variance Account Claim by Account

		ınces		2.1.7 RRR	
Account Descriptions	Account Number	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)
Group 1 Accounts					
LV Variance Account	1550	118,044		301,807	o
Smart Metering Entity Charge Variance Account	1551	(41,763)		(45,760)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(380,174)		(2,749,578)	(43,146)
Variance WMS - Sub-account CBR Class A ⁵	1580	l 0		0	o
Variance WMS - Sub-account CBR Class B⁵	1580	(65,407)		(43,146)	o
RSVA - Retail Transmission Network Charge	1584	3,000		174,457	0
RSVA - Retail Transmission Connection Charge	1586	161,043		436,719	0
RSVA - Power ⁴	1588	(846,792)	Yes	(563,670)	0
RSVA - Global Adjustment⁴	1589	(491,070)	Yes	(1,033,926)	o
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0	No	0	o
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	l 0	No	0	o
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	l 0	No	(36,048)	o
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	l o	No	199,059	o
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	l o	No	30,736	o
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	آ آ	No	30,851	n
Disposition and Recovery/Refund of Regulatory Balances (2019) ³				,	Ĭ
Not to be disposed of until a year after rate rider has expired and that balance has been			No		
audited	1595	0			0
RSVA - Global Adjustment	1589	(491,070)		(1,033,926)	o
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,052,047)		(2,221,427)	o
Total Group 1 Balance		(1,543,118)		(3,255,353)	0
LRAM Variance Account (only input amounts if applying for disposition of this	1568	359,628		0	(349,333)
Total including Account 1568		(1,183,489)		(3,255,353)	(349,333)

Variances between the 2.1.7 RRR and the balances as of Dec 31, 2018

- RSVA Wholesale Market Service Charge (Row 23): The variance of (\$43,146) equates to the value in the WMS Sub-account CBR Class B (Row 25), as reported in 2.1.7 RRR. The value presented under the column "As of Dec 31, 2018" for RSVA Wholesale Market Service Charge of (\$2,749,578) includes the amount of (\$43,146) pertaining to WMS Sub-account CBR Class B (Row 25). Therefore, there is no variance on an aggregate level.
- LRAM Variance Account (Row 43): The variance of (\$349,333) pertains to the LRAMVA amount at the end of 2018 being requested for disposition in this 2020 IRM Rate Application. The amount is not booked to the variance account until the value is calculated and finalized; as a result, no amount was included in RRR 2.1.7 for 2018.

1 B - Commodity Accounts 1588 and 1589 2 3 In Bluewater's 2019 IRM Application EB 2018-0019, the approval Group 1 account disposition in the 4 amount of (\$1,818,596), which includes Accounts 1588 and 1589, was granted on an interim basis. 5 Interim rates were implemented for many other distributors in order for distributors to review their 6 internal settlement process to ensure that they comply with the new OEB guidance released on 7 February 21, 2019, entitled "Accounting Guidance related to Accounts 1588 Power, and 1589 Global 8 Adjustment." 9 10 In August 2018, Bluewater received notice that OEB Staff would be conducting an "Inspection of 11 Power and Global Adjustment Deferral and Variance Accounts and new true-up process of RPP 12 Settlement" specific to 2016 and 2017 balances in Accounts 1588 and 1589. The audit took place over 13 a seven-month period from August 2018 until March 2019, at which time an Inspection Report was 14 issued on March 7, 2019. Bluewater is pleased to report that the audit had positive results, and below 15 is an excerpt from page 1 of the cover letter: 16 17 "The inspection report concludes that nothing has come to Staff's attention that Bluewater 18 Power's DVA balances for Accounts 1588 and 1589 as of December 31, 2016 and 2017 as filed 19 in Reporting and Records Keeping Requirement (RRR) 2.1.7 are materially misstated. Also, 20 Bluewater Power's processes for RPP variance settlement and true-up which commenced from 21 August 2017 are in accordance with the proper regulations and hence result in proper 22 allocation of the RPP settlement pertaining to 2016 and 2017." 23 24 The audit was a very comprehensive review of the details related to Accounts 1588 and 1589 to 25 ensure that settlements with the IESO were in compliance with all legislation, regulations, and 26 guidance provided by the OEB and IESO. 27 28 Given the overall positive results of the audit and the OEB Staff's acceptance of the settlement 29 processes, Bluewater is requesting final disposition of the Group 1 balance of (\$1,818,596) as of 30 December 31, 2017. No further adjustments have been made to these account balances.

In regard to the new guidance for Accounts 1588 and 1589, Bluewater confirms that the process changes noted in the Audit, along with changes to comply with the Accounting Guidance provided in the February 21, 2019 document, are being met and are fully implemented as of January 1, 2019. C - Wholesale Market Participants Bluewater has two wholesale market participants ("WMP"), one in the General Service > 50 kW rate class and one in the Large Use rate class. WMPs do not contribute to the variances in Accounts 1580, 1588, or 1589; therefore, the WMP customers should not be party to the disposition of these accounts. Consequently, and in accordance with Section 3.2.5.1 of the Filing Requirements, Bluewater agrees with the calculations presented in the Rate Generator Model in determining the deferral and variance account balances to be allocated to WMPs and non-WMPs. D - Class A Customers and Global Adjustment The OEB has noted in the Filing Requirements that Class A customers pay Global Adjustment on an 'actual' basis; therefore, no variance accumulates in Account 1589 related to Class A customers once they become Class A customers. Thus, these Class A customers, in addition to WMPs, should not be party to the disposition in Account 1589. Table 4, below, indicates the number of Class A customers and the year they became Class A. At the end of 2018, Bluewater had 14 Class A customers; however, only 2 customers transitioned to Class A during 2018, which is the disposition period for the deferral and variance accounts in this Application.

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Table 4 – Class A Customers by Year

	Effective	
	Year for	
Customer	Class A	Rate Class
1	2011	Large
2	2011	Large
3	2015	Intermediate
4	2015	Intermediate
5	2016	Intermediate to Large
6	2016	Intermediate
7	2017	Intermediate
8	2017	Intermediate
9	2017	Intermediate
10	2017	Intermediate
11	2017	Intermediate
12	2017	Intermediate
13	2018	GEN>50
14	2018	Intermediate

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For billing purposes, effective January 1, 2016, all customers within the General Service 1000-4999 kW

("Intermediate") rate class and all customers within the Street Lighting rate class pay Global

Adjustment ("GA") based on the Actual GA rate. These classes of customers are billed in our billing

7 system on a calendar month basis; therefore, they are able to be charged the actual GA rate because

8 the GA rate as produced by the IESO is a calendar month rate. Bluewater has 11 Intermediate

customers: 10 are Class A, and 1 is Class B. Bluewater has 4 customers in its Large Use rate class: 1 is a

WMP and 3 are Class A, charged Actual GA rate. Customers in the other rate classes are billed based

on the 1st Estimate GA Rate, because they are not all billed on a calendar month basis within the same

12 rate class.

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The remaining non-RPP customers in the Residential, GS<50, GEN>50, and a small number of

customers in the Sentinel and Unmetered Scattered Load rate classes contribute to the balance in

Account 1589 and are party to its disposition.

1 The OEB has included methodology and calculations in the Rate Generator Model (Sheet 6, Sheet 2 6.1a, and Sheet 6.1) to appropriately allocate a portion of the amounts accumulated in Account 1589 3 for the period of time prior to customers becoming Class A customers. Only one of the two customers 4 that transitioned into Class A in 2019 paid the 1st Estimate GA Rate, as the other customer was in the 5 Intermediate rate class paying the Actual GA Rate. As a result, only the customer that paid the 1st 6 Estimate GA Rate needs to be allocated a portion of the balance in Account 1589. Modifications were 7 made to Sheet "6.1a GA Allocation" (with support from OEB staff) to remove the following from the 8 Total Class B Consumption: consumption for the Intermediate transition customer that did not 9 contribute to the balance in Account 1589; Street Lighting class consumption, as these customers pay 10 Actual GA Rate; and, consumption for the Class B, Intermediate customer that did not contribute to 11 the balance in Account 1589. 12 13 The total amount requested for disposition for Account 1589 – RSVA Global Adjustment is (\$491,070). 14 The amount to be retuned (i.e. credited) to the one transition customer that contributed to the 15 balance, mentioned above, is (\$7,729). Bluewater proposes to credit the customer's account this 16 amount upon implementation of the approved rate order effective May 1, 2020. The amount to be 17 returned (i.e. credited) to the remaining non-RPP Class B, Non-WMP, non-Class A customers is 18 (\$483,578). Rounding accounts for the variance between the amount to be returned of (\$483,341) on 19 Sheet "6.1a GA Allocation" and (\$483,578) on Sheet "6.1 GA." 20 21 Sheet "6.1 GA" in the Rate Generator model calculates the GA rate rider for the applicable customers, 22 and the rate is (\$0.0028)/kWh, detailed in Table 5, below. Bluewater proposes to return this amount 23 over a one-year period commencing May 1, 2020. 24 25 26 27 28 29 30

Table 5 – GA Rate Rider (from Sheet 6.1 of 2020 Rate Generator Model)

Rate Class	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	8,337,898	4.9%	(\$23,468)	(\$0.0028)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	16,708,479	9.7%	(\$47,029)	(\$0.0028)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	146,513,066	85.3%	(\$412,386)	(\$0.0028)	kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	0	0.0%	\$0	\$0.0000	kWh
LARGE USE SERVICE CLASSIFICATION	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	212,632	0.1%	(\$598)	(\$0.0028)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	34,289	0.0%	(\$97)	(\$0.0028)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	0	0.0%	\$0	\$0.0000	kWh
Total	171,806,364	100.0%	(\$483,578)		

5 Table 6 summarizes the amount of the disposition and the calculation of the rate riders by rate

category for the Group 1 Deferral/Variance Accounts. Bluewater proposes to dispose these amounts

over a one-year period commencing May 1, 2020.

<u>Table 6 – Deferral and Variance Account Balances for Proposed Disposition</u>

			Allocation of Group			
		Alla+: f	· '			
		Allocation of	1 Account Balances			
		Group 1 Account	to Non-WMP		Deferral/Variance	Account
		Balances to All	Classes Only (If	Deferral/Variance	Account Rate Rider	1568 Rate
Rate Class	Unit	Classes	Applicable)	Account Rate Rider	for Non-WMP	Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(\$327,110)		(\$0.0013)	\$0.0000	\$0.0004
GENERAL SERVICE LESS THAN 50 KW						
SERVICE CLASSIFICATION	kWh	(\$118,353)		(\$0.0012)	\$0.0000	\$0.0005
GENERAL SERVICE 50 TO 999 KW						
SERVICE CLASSIFICATION	kW	\$56,919	(\$274,397)	\$0.1046	(\$0.5122)	\$0.3933
GENERAL SERVICE 1,000 TO 4,999 KW						
SERVICE CLASSIFICATION	kW	(\$152,337)		(\$0.5454)	\$0.0000	\$0.0112
LARGE USE SERVICE CLASSIFICATION	kW	\$81,769	(\$246,231)	\$0.1681	(\$0.8196)	(\$0.0013)
UNMETERED SCATTERED LOAD						
SERVICE CLASSIFICATION	kWh	(\$2,299)		(\$0.0011)	\$0.0000	(\$0.0006)
SENTINEL LIGHTING SERVICE	kW	(\$508)		(\$0.3899)	\$0.0000	(\$0.0652)
STREET LIGHTING SERVICE	kW	(\$4,093)		(\$0.4024)	\$0.0000	(\$0.0892)
Total		(\$466,013)	(\$520,628)			

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1	E - Capacity Based Demand Response (CBR) Class B Disposition
2	Bluewater is proposing to dispose of "Variance WMS - Sub-Account CBR – Class B" through this
3	Application. The total amount requested for disposition including carrying charges is (\$65,407).
4	
5	There were two customers that transitioned to Class A effective July 1, 2018; therefore, a portion of
6	the disposition balance should be credited to these customers for the period before they became
7	Class A customers. Sheet "6.2a CBR B_Allocation" calculates the total amount of (\$876) to be credited
8	to the two customers in proportion to their respective loads. Given the amounts are credits to
9	customers, and are less than \$1,000 each, Bluewater plans on applying the full credit to the customer
10	invoices upon implementation of the approved rate order effective May 1, 2020.
11	
12 13	F - Settlement Process with IESO
14	Bluewater would like to note that the process outlined below was the practice that was in effect for
15	the period that this application pertains to, which is 2018 balances. We confirm that for 2019 balances
16	Bluewater is in compliance with the new guidance provided on February 21, 2019.
17	
18	Section 3.2.5.2 of the Filing Requirements requests that distributors provide a description of their
19	settlement process with the IESO or host distributor. Bluewater responds with the information below:
20	
21	 Bluewater purchases energy from three sources: the IESO, Hydro One Networks Inc. ("HONI"),
22	and retail embedded generators. This power is purchased at the Hourly Ontario Energy Price
23	("HOEP"). The power is then sold to our customers at the Regulated Price Plan Time of Use
24	("RPP TOU"), RPP Tiered Rates, weighted-average price ("WAP"), or HOEP. The settlement
25	process for each group of customers is detailed, below:
26	
27	1. Embedded Generation
28	a. Bluewater pays the embedded generator its contract price for the generation
29	injected to the distribution system.

1	b.	Bluewater collects from the IESO the difference between HOEP and the
2		contract price it pays to the generator.
3	C.	All settlement for embedded generators is based on actual interval metered
4		generation, so there is no estimation.
5	2. Class E	3 Non-RPP
6	a.	Non-RPP customers pay either the HOEP, WAP, or retail contract price for
7		commodity charges, and they all pay GA.
8	a.	When billing non-RPP Class B customers for Residential, GS<50, GEN>50,
9		Unmetered Scattered Load, and Sentinel Lighting, Bluewater calculates a
10		weighted average 1st Estimate GA Rate, which is weighted by NSLS data for
11		the specific billing period of each customer. That rate is applied to the
12		customer's total consumption for the billing period. Unbilled revenue that is
13		calculated for non-RPP Class B customers is also calculated using the 1^{st}
14		Estimate GA Rate.
15	b.	Any difference between the customer billed 1st Estimate GA Rate and the
16		actual GA rate from the IESO and HONI invoice is booked to the applicable GA
17		variance account.
18	C.	For customers in the General Service 1000-4999 kW ("Intermediate") and
19		Street Lighting rate classes, an enhancement to the settlement process has
20		been made whereby as of January 1, 2016 the customers are charged the
21		actual GA each month rather than the 1^{st} Estimate GA Rate. We are able to do
22		this for these rate classes, as all customers within each rate class are billed on
23		a calendar month basis. Therefore, we are able to wait to bill these customers
24		until the actual GA rate is available from the IESO and apply the actual rate to
25		customer's bills. This coincides with the same rate we are charged from the
26		IESO, which results in no variance for these classes being booked to the Global
27		Adjustment variance account.
28	3. RPP	
29	a.	RPP Customers pay either TOU or Tiered Rates for commodity and those rates
30		include GA.

1	b.	For RPP customers, Bluewater performs all initial estimated settlement
2		calculations during the billing process on actual billed consumption.
3	c.	During the billing process, the system calculates how much GA, using the
4		weighted average 1st Estimate, is applicable to the customer's billed
5		consumption for the billing period. This value is booked to the applicable GL
6		account and submitted to the IESO for settlement (i.e. to be recoverable from
7		the IESO, if it is a debit balance). This is required because the IESO and HONI
8		power bill invoices include a GA charge for 100% of Bluewater's load. Thus,
9		we submit for recovery of the GA portion related to the RPP load given that
10		RPP load does not attract GA charges.
11	d.	During the billing process, the system calculates the HOEP/WAP (commodity)
12		that is applicable to the customer's billed consumption and this value is
13		booked to the applicable GL account.
14	e.	During the billing process, the system calculates the initial estimated RPP
15		settlement (either TOU or at Tiered Rates) applicable to the customer's billed
16		consumption. This value is booked to the applicable GL account.
17	f.	The difference between part (d) and (e) above is then submitted to the IESO
18		for settlement (i.e. to be recoverable from the IESO if it is a debit balance)
19		
20	4. Class A	customers
21	a.	Each month the IESO allocates an amount of GA to the Bluewater invoice
22		related to Class A customers. That amount is fully allocated to each of the
23		Class A customers based on their peak demand factor established for the
24		year.
25	b.	There is no variance accumulated as the entire GA value is allocated each
26		month to the applicable customers.
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1	ς.	DDD So	ttlement True-Up Process
2	Э.	KFF 3E	ttlement True-op Frocess
3		a.	Bluewater would like to outline our process pursuant to the OEB letter dated
4		u.	May 23, 2017, which details a mandatory true up of RPP settlement claims
5			relating to GL 1588 (Cost of Power) and GL 1589 (Global Adjustment).
6		b.	Our monthly IESO submission for RPP settlement has always been based on
7		D.	billings in the respective month, which, in effect, was our estimate for the RPP
8			settlement amounts for both COP and GA. This will continue in the future for
9			each 1598 submission.
10		•	
		C.	The true-up process calculates what the RPP settlement should have been for
11			each month based on actual rates and actual calendar month consumption
12			once known.
13		d.	Thus, the true-up amount is the difference between the original estimate for
14			the applicable month, and the actual amount once known.
15		e.	The true-up amount is known two months after the original IESO submission
16			due to the availability of consumption data and actual rates.
17		f.	The true-up amount is recorded in the applicable GL account two months
18			after the month for which the true-up pertains, and will then form part of that
19			month's RPP settlement claim.
20		g.	The actual calendar month consumption data comes from metered data,
21			using smart meters in most cases. Where smart meter data is not available, a
22			prorated KWh is calculated for a calendar month using meter reads and the
23			Net System Load Shape (NSLS) (i.e. for Tier 1 and Tier 2 customers).
24		h.	The Hourly Ontario Energy Price (HOEP) is used when calculating the true-up
25			for smart meter consumption.
26		i.	Bluewater's Weighted Average Price (WAP) is used when calculating the true-
27			up for non-smart meter prorated consumption (Tier 1 and Tier 2).
28		j.	Bluewater started this new true-up process for consumption effective January
29		-	1, 2016.

1	6. Internal Controls
2	In order to support the estimated and actual consumption figures used in RPP settlement,
3	Bluewater confirms the following systems are in place:
4	a. When using spreadsheets, totals are cross-checked to totals in Bluewater's
5	billing system whenever possible
6	b. Within spreadsheets, checks and cross-checks are built in where possible
7	c. Comparisons from month to month and year over year are done and any
8	abnormalities are investigated
9	d. Different staff members are responsible for various tasks, and if any staff
10	member uncovers a mistake or abnormality, they will investigate with the
11	other staff member
12	e. The CFO reviews all work completed by others
13	f. Heavy reliance is placed on the numerous years of experience of many staff
14	members
15	g. An external financial statement audit is completed once a year, where a
16	number of the calculations underlying 1588 and 1589 are examined by KPMG
17	h. A thorough year end review is completed of all COP and GA related accounts
18	including the RSVA balances, by the CFO in preparation for the financial
19	statement audit
20	i. Billing data and calculations from our billing system are deemed to be reliable
21	due to the extensive testing done by numerous staff anytime there is a rate
22	change introduced
23	j. The IESO and Hydro One invoices are validated each month
24	k. All embedded generation invoices are prepared by Bluewater's billing system
25	and therefore deemed reliable (i.e. we read the meter and calculate the
26	'supplier' invoice for this cost of power)
27	I. All GEN>50 meters are being changed out to interval meters and then these
28	customers will be invoiced on a calendar month basis at the GA Actual rate
29	once all customers within the GEN>50 class have migrated to interval meters
30	Once this occurs, there will be no RSVA-GA variance attributable to this class. Page 20 of 2

1	It is expected that the meter change out will be completed in 2020, as
2	required by the OEB.
3	
4	Bluewater confirms that it uses accrual accounting for financial reporting purposes each month and a
5	year end.
6	
7	Attached at Tab 2 is Bluewater's responses to the OEB's "Appendix A, GA Methodology Description,
8	Questions on Accounts 1588 and 1589."
9	
10 11	G - Global Adjustment Workform
12	The OEB has introduced the "GA Analysis Workform," which compares the general ledger principal
13	balance to an expected principal balance based on monthly GA volumes, revenues, and costs.
14	
15	Bluewater has two rate classes that are billed on the Actual GA rate (General Service 1000-4999 kW
16	and Street Lighting). The remaining Class B customers are billed based on the 1^{st} Estimate GA. The GA
17	Workform has been modified (with support from OEB Staff) to add columns to segregate the kWh
18	related to the customers charged the Actual GA rate from the remaining Class B customers who are
19	charged based on the 1st Estimate GA rate.
20	
21	Bluewater has completed the GA Workform for 2018 and has been able to identify reconciling items
22	such that the variances fall below the materiality threshold of 1%.
23	
24 25	H - Account 1595 Workform
26	In Sheet "3. Continuity Schedule" of the Rate Generator Model, Account 1595 (2015) and 1595 (2016)
27	have balances of (\$396) and \$525, respectively, for a net residual balance of \$129. Given the
28	immateriality of the amounts, Bluewater is not requesting disposition. As a result of not requesting
29	disposition, Account 1595 Workform is not required.

5. Lost Revenue Adjustment Mechanism

- 2 Bluewater is proposing to recover an amount of \$359,628 related to lost revenue as a result of
- 3 implementing conservation and demand management activities ("CDM"). This amount is comprised of
- 4 \$346,160 principal and \$13,468 carrying charges projected until April 30, 2020. Bluewater submits
- 5 that \$359,628 is above Bluewater's materiality threshold and proposes to recover the amount over a
- 6 12-month period, commencing May 1, 2020. Bluewater has completed the OEB's LRAMVA Workform
- 7 Version 4.0, which is included in this Application.

Table 7 details the principal and carrying charges by rate class, along with the calculated rate riders.

Table 7 – LRAMVA Amount and Calculated Rate Rider

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			Carrying		Account 1568
Rate Class	Unit	Principal	Charges	Total LRAMVA	Rate Rider
Residential	kWh	\$90,406	\$3,517	\$93,924	\$0.0004
GS<50 kW	kWh	\$49,535	\$1,927	\$51,463	\$0.0005
General Service 50 - 999 kW	kW	\$206,014	\$8,015	\$214,029	\$0.3935
General Service 1,000 - 4,999 kW	kW	\$3,020	\$117	\$3,137	\$0.0112
Sentinel Lighting	kW	(\$81)	(\$3)	(\$85)	(\$0.0013)
Street Lighting	kW	(\$873)	(\$34)	(\$907)	(\$0.0006)
Unmetered Scattered Load	kWh	(\$1,245)	(\$48)	(\$1,293)	(\$0.0652)
Large Use	kW	(\$616)	(\$24)	(\$640)	(\$0.0892)
Total		\$346,160	\$13,468	\$359,628	

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The lost revenue pertains to 2018 actual results, and persistence from 2011, 2012, 2013, 2014, 2015, 2016, and 2017 in the year 2018. Due to the conclusion of the Conservation First Framework in March of 2019, Bluewater confirms the claim is based on the IESO's "Participation and Cost Report" and project level savings files, as per section 3.2.6 of the Filing Guidelines. The Participation and Cost report dated March 2019 is submitted electronically. Tabs "LDC Summary" and "LDC Progress" of the Participation and Cost Report are attached as Tab 6 to this Application, in support of the claim.

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Energy savings in 2018 are the 2018 unverified net incremental energy savings, as provided by the IESO in Bluewater's March 2019 Participation and Cost Report. Net incremental peak demand savings are not provided. Five of the six CDM programs undertaken by Bluewater in 2018 have been

undertaken in prior years. For these programs, the average kW to kWh ratio of the program's historic savings are applied to the 2018 net incremental energy savings to approximate 2018 net incremental demand savings. The new program, Save on Energy Smart Thermostat Program, is a Residential program. Demand savings are not required to determine lost revenue associated with this program since the Residential class is energy-billed. Adjustments to 2016 and 2017 energy savings are calculated as the difference between the verified 2016 and 2017 results in the March 2019 Participation and Cost Report and the 2016 and 2017 Verified Results from Bluewater's 2017 Final Verified Annual LDC CDM Program Results. Savings in 2016 and 2017 used in the previous LRAMVA workform (filed in EB-2018-0019) are from the 2017 Final Verified report. There are adjustments in 2016 for the Retrofit Program and adjustments in 2017 for the Coupon Program, Heating and Cooling Program, Smart Thermostat Program, and Retrofit Program. The rate of persistence in each program's corresponding current year savings (savings in the year in which the adjustment is applied) is used to approximate persistence to 2018 for all programs, except the Smart Thermostat Program. The March 2019 Participation and Cost Report shows no loss of persistence for this program from 2018 to 2020, so it is assumed that there will be no loss in persistence from the 2017 adjustment to 2018. Peak demand savings are forecast by applying historic kW/kWh ratios as described in the preceding paragraph. Bluewater last filed a claim for lost revenue in EB-2018-0019, in the amount of \$420,016, and received approval of that claim. Bluewater's 2013 Cost of Service application EB-2012-0107 settlement included 16.2 GWh and 2,502 kW of savings for the 2013 LRAMVA, which was included in the 2013 load forecast. The allocation of those forecast savings by rate class can be found on Sheet "1. LRAMVA Summary" of the LRAMVA Workform. Bluewater calculated the allocation of results to the rate class for the Non-Residential province-wide programs based on the rate class for each specific participant. For the Retrofit program ("ERII") and the Small Business Lighting Program ("SBL"), the kWh and kW was tabulated for each customer based

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1 on their rate class and the sum of the results by rate class are presented in Table 8, below, and the

detailed calculations are presented on Sheet "3-a. Rate Class Allocations" in the LRAMVA Workform.

<u>Table 8 – Non-residential CDM Program Allocation by rate class</u>

ERII 2018

2018 GS<50 kW		GS>50 kWh	Intermediate	Streetlight	
ERII kWh	6.32%	76.35%	7.37%	9.96%	
ERII kW	7.75%	90.19%	2.07%	0%	

Small Business Lighting 2018

	GS<50	GEN>50
kWh	41%	59%
kW	44%	56%

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In the case of the Existing Building Commissioning program, there was only 1 customer in 2018 in the GEN>50 rate category.

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6. Tax Changes

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Bluewater's corporate tax rate included in its 2013 Cost of Service Application is 24.44%. The current corporate tax rate is 26.5%.

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The OEB has determined that under the IRM plan, a 50/50 sharing of the impact of currently known legislated tax changes as compared to the tax level reflected in the Board approved base rates for a distributor applies.

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The difference between the tax rate embedded in base distribution rates and the current tax rate leads to an incremental tax liability of \$60,905 per year. When shared 50/50, the amount to be recovered from rate payers is \$30,452.

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The Decisions related to the past 4 rate applications (2016 IRM EB 2015-0053, 2017 IRM EB-2016-

24 0057, 2018 IRM EB 2017-0027, and 2019 IRM EB 2018-0019) have required the approved amount of

- 1 \$30,493 booked to Account 1595 for future disposition given that the annual amount does not lead to
- 2 a specific rate rider greater than 4 decimal places for all rate classes.
- 3 The similar situation arises for the amount proposed for the 2020 IRM Application. Bluewater requests
- 4 that the OEB allow Bluewater to book the current shared tax savings amount of \$30,452 to Account
- 5 1595 for future disposition. The amount booked will correspond to the year of the rate decision
- 6 relating to account 1595.

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7. Proposed Rates and Tariffs

9 The rates proposed in this application are found at Tab 8 "Proposed Rates."

8. Bill Impacts

The bill impacts from the proposed rates are summarized in Table 9. Detailed bill impacts by rate class are found at Tab 9 "Bill Impacts."

Table 9 – Proposed Monthly Bill Impacts

	I	ı		Sub-Total				Total		
RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Monthly Usage	Units	A = Distribution S Charge and LRAM		B = A + rate riders		C = B + RTSR charges		Total Bill = A + B + C + Commodity	
Residential 100, Residential Retailery			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	750	kWh	\$ 0.09	0.3%	\$ 0.24	0.7%	\$ 0.87	1.9%	\$ 0.91	0.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	2,000	kWh	\$ 0.75	1.1%	\$ 1.35	1.8%	\$ 3.02	3.0%	\$ 3.17	1.1%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - RPP	120	kW	\$ 17.89	2.5%	\$ 31.85	4.8%	\$ 67.97	5.5%	\$ 76.81	1.4%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	2,100	kW	\$ 69.62	1.0%	\$ 467.36	8.0%	\$1,149.23	6.9%	\$1,298.63	0.8%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	10,000	kW	\$ 569.00	1.2%	\$3,440.00	9.1%	\$7,094.00	7.4%	\$8,016.22	0.9%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	714	kWh	\$ 0.87	2.3%	\$ 1.16	3.0%	\$ 1.75	3.7%	\$ 1.98	1.6%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	1	kW	\$ 19.64	1.2%	\$ 19.78	1.2%	\$ 20.01	1.2%	\$ 22.62	1.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	1	kW	\$ 24.54	1.2%	\$ 24.64	1.2%	\$ 24.87	1.2%	\$ 28.10	1.2%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	750	kWh	\$ 0.09	0.3%	\$ 0.46	1.4%	\$ 1.09	2.5%	\$ 1.23	0.8%

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All of which is respectfully submitted.

2020 IRM Checklist

Bluewater Power Distribution Corporation EB-2019-0021

Filing Requirement
Page # Reference

-		Evidence Reference, Notes
IRM REQUIREMENTS 3.1.2 Components of the Application Filing , Pg. 3-4		
Pg. 3	Manager's summary documenting and explain all rate adjustments requested	Manager's Summary, Page 1
<u> </u>	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact Completed Rate Generator Model and supplementary work forms, Excel and PDF	Manager's Summary, Page 3 Tab 3; Filename: Bluewater_IRMRateGeneratorModel
4 4	Current tariff sheet, PDF Supporting documentation (e.g. relevant past decisions, RRWF etc.)	_20191101 Tab 7 Not Applicable
<u>4</u> 4	Statement as to who will be affected by the application, specific customer groups affected by particular request Applicant's internet address	Manager's Summary, Page 6 Manager's Summary, Page 6
4	Statement confirming accuracy of billing determinants pre-populated in model	Manager's Summary, Page 6
4 3.1.3 Applications and Electronic Models, Pg. 5-6	Text searchable PDF format for all documents	Included
5	Populated GA Analysis Workform	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	Not Applicable
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	Not Applicable
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	Tab 5; Filename: Bluewater_LRAMVAWorkForm_201 91101
5 & 6	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub- accounts	Not Applicable
Addendum, Page 15	All distributors must file the responses to the questions in Appendix A of the GA Analysis Workform.	Tab 2
3.2.2 Revenue to Cost Ratio Adjustments 8	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	Not Applicable
3.2.3 Rate Design for Residential Electricity Customers		
Residential Rate Design - Exceptions and Mitigation (applicable only to d	istributors that have not completed the rate design transition) Extension of OEB-approved transition period, if necessary	Not Applicable Not Applicable
9	Alternative/additional strategy in the event that an additional transition year is insufficient, or that no extension is necessary, however substantiated with reasons	Not Applicable
9	Calculation of the combined impact of the fixed rate increase and any other changes in the cost of distribution service for those residential RPP customers who are at the 10th percentile of overall consumption	Not Applicable
9	Description of the method used to derive the 10th consumption percentile. The description should include a discussion regarding the nature of the data that was used (e.g. was the source data for all residential customers or a representative sample of residential customers).	Not Applicable
9	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required Mitigation plan if total bill increases for any customer class exceed 10%.	Not Applicable
10 3.2.4 Electricity Distribution Retail Transmission Service Rates	Mitigation plan if total bill increases for any customer class exceed 10% No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	Not Applicable
3.2.5 Review and Disposition of Group 1 DVA Balances, Pg. 10-16		
10	Justification if any account balance in excess of the threshold should not be disposed	Not Applicable Tab 3; Filename:
11	Completed tab 3 - continuity schedule in Rate Generator Model	Bluewater_IRMRateGeneratorModel 20191101
11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account	Manager's Summary, Page 10
11	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled "Adjustments to Deferral and Variance Accounts	
12	GA rate riders calculated on an energy basis (kWh)	Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101
General	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	Manager's Summary, Page 9
3.2.5.1 Wholesale Market Participants		Tab 3; Filename:
12	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	Bluewater_IRMRateGeneratorMode _20191101
3.2.5.2 Global Adjustment		Tab 3; Filename:
13	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing balances from the GA Variance Account For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are	Bluewater_IRMRateGeneratorMode _20191101 Tab 2; Tab 4; Filename:
14 & Addendum, Pages 16 - 17	roll each year that the accommodate or account 1999 has not been disposed, regardless of whether or not distributes are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and responses to questions in Appendix A of the GA Analysis Workform Instructions; explain discrepancies. Unexplained discrepancies calculated separately for each calendar year	Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21
14	Description of settlement process with IESO or host distributor, specify GA rate used for each rate class, itemize process for providing estimates and describe true-up process, details of method for estimating RPP and non-RPP consumption, treatment of embedded generation/distribution, distributor's internal control tests in validating estimated and actual consumption figures used in RPP settlement process and subsequent true-up adjustments	Manager's Summary, Pages 12-14, 16
15	If distributor uses the actual GA rate to bill non-RPP Class B customers, a proposal must be made to exclude these customer classes from the allocations of the balance of Account 1589 and the calculation of the resulting rate riders	
15	Description of financial accounting practices related to recording transaction in 1588 and 1589 Disclosure of nature, timing, and dellar impact of subsequent adjustments recorded after recording period that adjust the initial	Manager's Summary, Page 19 Tab 4; Filename:
14 & 15	Disclosure of nature, timing, and dollar impact of subsequent adjustments recorded after recording period that adjust the initial transactions from preliminary estimates to actual figures based on consumption data - complete GA Analysis Workform for each applicable fiscal year subsequent to the most recent year in which Accounts 1588 and 1589 were approved for disposition on a final basis by the OEB	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21
15	If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, propose made to exclude these customer classes from the allocation of the balance of account 1589 RSVA GA and the calculation of the resulting rate riders - these rate classes are not to be charged/refunded the GA rate rider as they did not contribute to the accumulation of the balance of account 1589 RSVA GA	Tab 3; Filename: Bluewater_IRMRateGeneratorMode _20191101; Manager's Summary, Page 12
3.2.5.3 Commodity Accounts 1588 and 1589	DDD Sattlement True. In a distributore to follow quideoco in May 22, 2047 letter portaining to the period that in her true.	
15	RPP Settlement True-Up - distributors to follow guidance in May 23, 2017 letter pertaining to the period that is being requested for disposition for Accounts 1588 and 1589 Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the	Manager's Summary, Page 19
15	preparation, review, verification and oversight of account balances being proposed for disposition. Status update on implementation of new accounting guidance (related to Accounts 1588 and 1589 - Feb 21, 2019), a review of	Manager's Summary, Pages 4, 20
Addendum, Pages 12 - 13	historical balances, results of the review, and any adjustments made to account balances; for any adjustments made - include the reason, how it was quantified and the journal entried to adjust the balances	Manager's Summary, Page 11
3.2.5.4 Capacity Based Recovery (CBR)	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	Tab 3; Filename: Bluewater_IRMRateGeneratorMode _20191101, Manager's Summary, Page 16
	- Checklist	

2020 IRM Checklist

Bluewater Power Distribution Corporation EB-2019-0021

Filing Requirement
Page # Reference

Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		
3.2.6 Lost Revenue Adjustment Mechanism Variance Account	ENAMINA - disposition of datance. Distributors must provide version 4 of Enamina work Form in a working excernite when	
Addendum, Pages 20 - 22	making LRAMVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following: - statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition - statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue - summary table with principal and carrying charges by rate class and resulting rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders - statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used - rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable) - for a distributor's streetlighting project(S) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting	Tab 5; Filename: Bluewater_LRAMVAWorkForm_201 91101; Tab 6; Filename: Bluewater_IESOParticipationandCos tReport_20191101, Manager's Summary, Pages 22-24
3.2.7 Tax Changes	totall	
19 & 20	If applicable, tabs 8 and 9 of Rate Generator Model complete	Tab 3; Filename: Bluewater-2020- IRM-Rate-Generator-Model
20	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50	Manager's Summary, Page 24
3.2.8 Z-Factor Claims, Pg. 20-21	sharing amount will be transferred to Account 1595 for disposition at a future date	Net Applicable
20	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report In addition distributor must:	Not Applicable
20 & 21	Notify OEB by letter of all Z-Factor events within 6 months of event (Confirm that letter is on file) Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment.	Not Applicable
3.2.8.2 Z-Factor Accounting Treatment	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the	Not Applicable
21	Accounting Procedures Handbook (APH) for electricity distributors. Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a	Not Applicable
21 3.2.8.3 Recovery of Z-Factor Costs	separate Sub-Account of this account	Not Applicable
21	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of	Not Applicable
21	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational	Not Applicable
21	for proposal Residential rider on fixed basis	Not Applicable
21 3.3.1 Advanced Capital Module, Pg. 22-23	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	Not Applicable
22	Evidence of passing "Means Test"	Not Applicable
22	Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an updated ACM/ICM module in Excel format	Not Applicable
22/23	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	Not Applicable
23	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	Not Applicable
3.3.2 Incremental Capital Module, Pg. 23-29 3.3.2.1 ICM Filing Requirements		
0.0.2.1 form 1 ming requirements	The following should be provided when filing for incremental capital:	Not Applicable
25	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	Not Applicable
25	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	Not Applicable
25	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which	Not Applicable
25	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part,	Not Applicable
25	included in base rates or being funded by the expansion of service to include new customers and other load growth) Details by project for the proposed capital spending plan for the expected in-service year	Not Applicable Not Applicable
25	Description of the proposed capital projects and expected in-service dates	Not Applicable
25	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	Not Applicable
25	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	Not Applicable
25	Description of the actions the distributor would take in the event that the OEB does not approve the application	Not Applicable
25 3.3.5 Off-Ramps	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	Not Applicable
3.3.5 On-Kamps 30	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its	Not Applicable
Appendix A	base rates - an explanation to substantiate its reasons for doing so required	· · · · · · · · · · · · · · · · · · ·
Appendix A	generally expected unless justified by the distributor	Manager's Summary, Page 21
Appendix A & Addendum, Page 22	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	Not Applicable
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	Not Applicable

2) GA Methodology



OEB Appendix A GA Methodology Description Questions on Accounts 1588 & 1589¹ Bluewater Power Distribution Corporation

1. Please complete the Table below for principal adjustments on the DVA Continuity Schedule for Account 1588:

Reconciliation of Account 1588 - 2018

		Principal Adjustments	Was the amount a "Principal Adjustment" in the previous year? (Y/N)
	Balance December 31, 2018	\$846,792 CR	
Rev	ersals of Principal Adjustments - previous year		
1.	Reversal of Cost of Power accrual from previous year	NIL	
2.	Reversal of CT 1142 true-up from the previous year	NIL	
3.	Unbilled to billed adjustment for previous year	NIL	
4.	Reversal of RPP vs. Non-RPP allocation	NIL	
	Sub-Total Reversals from previous year (A):	NIL	
Prin	cipal Adjustments - current year		
5.	Cost of power accrual for 2018 vs Actual per IESO bill	NIL	
6.	True-up of CT 1142 for 2018 consumption recorded in 2019		
	GL	NIL	
7.	Unbilled accrued vs. billed for 2018 consumption	NIL	
8.	True-up of RPP vs. Non-RPP allocation of CT 148 based on		
	actual 2018 consumption	NIL	
9.	Other	NIL	
	Sub-Total Principal Adjustments for 2018 consumption (B)	NIL	
	Total Principal Adjustments shown for 2018 (A + B)	NIL	
Bal	. For Disposition - 1588 (should match Total Claim column on		
	DVA Continuity Schedule	\$846,792 CR	

¹In all references in the questions relating to amounts booked to accounts 1588 and 1589, amounts are not booked directly to accounts USoA 1588 and 1589 relating to power purchase transactions, but are rather booked to the cost of power USoA 4705 Power Purchased, and 4707, Charges – Global Adjustment, respectively. However, accounts 1588 and 1589 are impacted the same way as account 4705 and 4707 are for cost of power transactions.



10. 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.
- d. Was the approach described in response to the above questions used consistently for all years for which variances are proposed for disposition? If not, please discuss.

Bluewater Power confirms that the approach in Question #10b was used in 2018.

11. 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).

In 2018, Bluewater Power's billing system used the billed consumption from actual invoices of RPP customers invoiced in the month and applied the 1st Estimate rate. This calculation is the basis for the estimated RPP settlement amount. Settlement balance sheet GL accounts were automatically populated with these calculated amounts each time an invoice was generated. The month end balances from these settlement GL accounts then formed part of the CT 1142 balance 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 the true up.

In 2018, after the initial estimate for RPP settlement was calculated for a given month (per part (a) above), the RPP settlement true-up for that same month was processed two months later. After two months the actual RPP consumption and Actual GA rate is known and the exact calculation for what the RPP settlement should have been can be made. Thus, the difference is the true-up. Both the initial RPP settlement estimate and subsequent true-up are calculated by TOU-On TOU-Off, TOU-Mid, and Tier 1 and Tier 2 categories.



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

Yes.

- d. Which months from 2018 were trued up in 2019?
 - i. Were these true ups recorded in the 2018 or 2019 balance in the General Ledger?

November 2018 was trued up on the January 2019 IESO invoice and December 2018 was trued up on the February 2019 IESO invoice. Both the November and December 2018 true-up amounts were accrued in the 2018 fiscal year at year-end and are reflected in 1589 accordingly.

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

Yes.

12. Questions on CT 148

- a. Please describe the process for the initial recording of CT 148 in the accounts (i.e. 1588 and 1589).
- 1) Bluewater Power records the GA charges on its entire load (i.e. CT 148) to an internal sub-account of Account 4707.
- 2) The estimated RPP settlement for GA is removed from this internal sub-account from #1 above via a journal entry and recorded to an internal sub-account of Account 4705.
- 3) The same estimated RPP settlement for GA amount is recorded to an internal sub-account of Account 4705.
- 4) The actual RPP settlement true-up for GA, once known, is recorded via a journal entry to the same accounts as the entry in #2 above. This ensures that the GA charges on our entire load are correctly split between Account 4707 (non-RPP portion) and Account 4705 (RPP portion).
- 5) The same actual RPP settlement true-up for GA amount, once known, is recorded to the same sub-account of Account 4705 as #3 above.



b. Please describe the process for true up of the GA related cost to ensure that the amounts reflected in Account 1588 are related to RPP GA costs and amounts in 1589 are related to only non-RPP GA costs.

Please see response to Question #12a above.

c. What data is used to determine the non-RPP kWh volume that is multiplied with the actual GA per kWh rate (based on CT 148) for recording as the initial GA expense in Account 1589?

Please see response to Question #12a above. The final remaining balance in Account 1589 solely relates to non-RPP kwhrs at Actual GA rate.

d. Does the utility true up the initial recording of CT 148 in Accounts 1588 and 1589 based on estimated RPP/non-RPP consumption proportions to actuals based on actual RPP-non-RPP consumption proportions?

Yes.

- e. Please indicate which months from 2018 were trued up in 2019 for CT 148 proportions between RPP and non-RPP
 - i. Were these true ups recorded in the 2018 or 2019 balance in the General Ledger?

November 2018 was trued up on the January 2019 IESO invoice and December 2018 was trued up on the February 2019 IESO invoice. Both the November and December 2018 true-up amounts were accrued in the 2018 fiscal year at year-end and are reflected in 1588 and 1589 accordingly.

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

Yes.



13. 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 2019 rate proceeding which were approved for disposition?

Yes.

b. If yes, please provide a break-down of the total amount of principal adjustments that were approved (e.g. true-up of unbilled, true up of CT 1142, true up of CT 148 etc.) for each of Accounts 1588 and 1589.

Bluewater Power had a \$194,130 CR adjustment to Account 1588 and a \$370,860 DR adjustment to Account 1589. Both relate to the 2016 RPP true-up and were audited in 2018/2019 by the OEB as part of their recent "Inspection of Power and Global Adjustment Deferral and Variance Accounts and new true up process of RPP Settlement". The OEB's final audit report dated March 7, 2019 is found on their website and is linked here: http://www.rds.oeb.ca/HPECMWebDrawer/Record?q=CaseNumber=EB-2018-0019&sortBy=recRegisteredOn-&pageSize=400

c. Has the applicant reversed the adjustment approved in 2019 rates in its current proposed amount for disposition?
NB: only the principal adjustments amounts that were disposed in the previous proceeding should be reversed in this proceeding. For example, if no amount related to unbilled to billed adjustment for 2018 consumption was included in 2019 proceeding, this amount should not be included as a "reversal" from previous year.

No. These adjustments are final and are not to be reversed in a subsequent year.

d. Please confirm that the allocation of charge type 148 has been trued up to actual proportion of RPP/non-RPP consumption in the GL.

Confirmed.

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

3) IRM Rate Generator Model

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Quick Link
Ontario Energy Board's 2020 Electricity

			1	/ersion	2.0	
Utility Name	Bluewater Power Distribution Corporation	on				
Assigned EB Number	EB-2019-0021					
Name of Contact and Title	Leslie Dugas, Director of Regulatory an	d Customer Service				
Phone Number	519-337-8201 Ext 2255					
Email Address	ldugas@bluewaterpower.com					
We are applying for rates effective	May 1, 2020					
Rate-Setting Method	Price Cap IR					
Select the last Cost of Service rebasing year	2013					
2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition	2017					
(e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)						
3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition	2017					
4. Select the earliest vintage year in which there is a balance in Account 1595	2017					
(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)	•					
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	Yes					
6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	Yes					
7. Retail Transmission Service Rates: Bluewater Power Distribution Corporation is:	Partially Embedded	Within Hydro One Networ		ibutor names i	n the above green shaded cell)	Distribution System(s)
8. Have you transitioned to fully fixed rates?	Yes				,	

Legend

Pale green cells represent input cells.

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



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

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

						2017				
Account Descriptions		Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Interest Jan 1 to Amounts as of Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts										
LV Variance Account	1550	0			180,599	180,599	0		1,911	
Smart Metering Entity Charge Variance Account	1551	0			(4,887)	(4,887)	0		(177)	(177)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(2,246,252)	(2,246,252)	0		(33,267)	(33,267)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0			0
Variance WMS – Sub-account CBR Class B ⁵	1580	0			18,707	18,707	0		1,205	
RSVA - Retail Transmission Network Charge	1584	0			164,857	164,857	0		2,490	
RSVA - Retail Transmission Connection Charge	1586	0			269,977	269,977	0		3,380	
RSVA - Power ⁴	1588	0			265,701	265,701	0		(13,517)	
RSVA - Global Adjustment ⁴	1589	0			(552,483)	(552,483)	0		9,504	9,504
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0			15,295	15,295	0		(51,343)	(51,343)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0			98,553	98,553	0		110,087	110,087
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0			(433,319)	(433,319)	0		(53,557)	(53,557)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³ Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0			0
I vot to be disposed of until a year after rate rider has expired and that balance has been addited	1333	· ·				· ·	o .			· ·
RSVA - Global Adjustment	1589	0	(0	(552,483)	(552,483)	0	0 0	9,504	9,504
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	(0	(1,670,769)	(1,670,769)	0	0 0	(32,788)	(32,788)
Total Group 1 Balance		0	(0	(2,223,252)	(2,223,252)	0	0 0	(23,284)	(23,284)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0			0
Total including Account 1568		0	(0	(2,223,252)	(2,223,252)	0	0 0	(23,284)	(23,284)



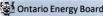
Ontario Energy Board Incentive Rate-setting Mechanism Rate **Generator for 2020 Filers**

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

						2018					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts											
LV Variance Account	1550	180,599	114,933			295,532	1,911	4,364			6,275
Smart Metering Entity Charge Variance Account	1551	(4,887)	(40,096)			(44,983)	(177)	(600)			(777)
RSVA - Wholesale Market Service Charge ⁵	1580	(2,246,252)	(381,457)			(2,627,709)	(33,267)	(45,456)			(78,723)
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	18,707	(62,695)			(43,988)	1,205	(363)			842
RSVA - Retail Transmission Network Charge	1584	164,857	5,177			170,034	2,490				4,423
RSVA - Retail Transmission Connection Charge	1586	269,977	156,762			426,739	3,380				9,980
RSVA - Power ⁴	1588	265,701	(809,189)			(543,488)	(13,517)	(6,665)			(20,182)
RSVA - Global Adjustment ⁴	1589	(552,483)	(484,479)			(1,036,962)	9,504	(6,468)			3,036
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	15,295				15,295	(51,343)				(51,343)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	98,553	(12,334)			86,219	110,087	2,753			112,840
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	(433,319)	524,499			91,180	(53,557)	(6,887)			(60,444)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	30,493			30,493	0	358			358
Disposition and Recovery/Refund of Regulatory Balances (2019) ³											
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	(552,483)	(484,479)	c	0	(1,036,962)	9,504	(6,468)	0) (3,036
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,670,769)	(473,907)	C	0	(2,144,676)	(32,788)	(43,963)	0) ((76,751)
Total Group 1 Balance		(2,223,252)	(958,386)	C	0	(3,181,638)	(23,284)	(50,431)	0) ((73,715)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	346,160	0)	346,160	0			3,173	3,173
Total including Account 1568		(2,223,252)	(612,226)	0	0	(2,835,478)	(23,284)	(50,431)	0	3,173	3 (70,542)

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

			2	2019	
Account Descriptions	Account Number	Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019
Group 1 Accounts					
LV Variance Account	1550	180,599	6,582	114,933	(307)
Smart Metering Entity Charge Variance Account	1551	(4,887)	(303)	(40,096)	(474)
RSVA - Wholesale Market Service Charge ⁵	1580	(2,246,252)	(91,351)	(381,457)	12,628
Variance WMS – Sub-account CBR Class A⁵	1580			0	0
Variance WMS – Sub-account CBR Class B⁵	1580	18,707	1,689	(62,695)	(847)
RSVA - Retail Transmission Network Charge	1584	164,857	6,754	5,177	(2,331)
RSVA - Retail Transmission Connection Charge	1586	269,978	10,360	156,761	(380)
RSVA - Power ⁴	1588	265,701	(6,646)	(809,189)	(13,536)
RSVA - Global Adjustment ⁴	1589	(552,484)	(4,781)	(484,478)	7,817
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595			0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	15,295	(50,947)	0	(396)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	86,219	112,315	0	525
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595			91,180	(60,444)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595			30,493	358
Disposition and Recovery/Refund of Regulatory Balances (2019) ³ Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595			0	0
RSVA - Global Adjustment	1589	(552,484)	(4,781)	(484,478)	7,817
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,249,783)	(11,547)	(894,893)	(65,204)
Total Group 1 Balance		(1,802,267)	(16,328)	(1,379,371)	(57,387)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			346,160	3,173
Total including Account 1568		(1,802,267)	(16,328)	(1,033,211)	(54,214)



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

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

		Projected I	nterest on Dec-3	1-18 Balan	ices		2.1.7 RRR	
Account Descriptions	Account Number	Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 ²	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2018	Variance RRR vs. 2018 Balance (Principal + Interest)
Group 1 Accounts								
LV Variance Account	1550	2,583	835	3,111	118,044		301,807	0
Smart Metering Entity Charge Variance Account	1551	(901)	(291)	(1,667)	(41,763)		(45,760)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(8,573)	(2,772)	1,283	(380,174)		(2,749,578)	(43,146)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	0		0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(1,409)	(456)	(2,712)	(65,407)		(43,146)	0
RSVA - Retail Transmission Network Charge	1584	116		(2,177)	3,000		174,457	0
RSVA - Retail Transmission Connection Charge	1586	3,523		4,282	161,043		436,719	0
RSVA - Power ⁴	1588	(18,187)	(5,880)	(37,603)	(846,792)	Yes	(563,670)	0
RSVA - Global Adjustment ⁴	1589	(10,889)	(3,521)	(6,592)	(491,070)	Yes	(1,033,926)	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0	0	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0	0	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	(396)	0	No	(36,048)	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	525	0	No	199,059	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	2,049	663	(57,732)	0	No	30,736	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	685	222	1,265	0	No	30,851	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						No		
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1595	0	0	0	0			0
RSVA - Global Adjustment	1589	(10,889)		(6,592)	(491,070)		(1,033,926)	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(20,113)		(91,820)	(1,052,047)		(2,221,427)	0
Total Group 1 Balance		(31,001)	(10,023)	(98,412)	(1,543,118)		(3,255,353)	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	7,780	2,515	13,468	359,628		0	(349,333)
Total including Account 1568		(23,221)	(7,508)	(84,943)	(1,183,489)		(3,255,353)	(349,333)



Data on this worksheet has been populated using your most recent RRR filing. If you have identified any issues, please contact the OEB.

Have you confirmed the accuracy of the data below?

Yes

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

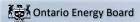
ase contact the UEB to make adjustments to the IKM rate generator for this

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 kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	259,047,259	0	8,337,898	C	0	0	259,047,259	0	93,924	32,818
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	102,384,914	0	16,708,479	0	0	0	102,384,914	0	51,463	3,471
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	200,051,121	543,963	151,917,689	253,228	4,258,881	8,284	195,792,240	535,679	214,029	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	136,386,985	279,319	136,386,985	279,319	0	0	136,386,985	279,319	3,137	1
LARGE USE SERVICE CLASSIFICATION	kW	287,387,432	486,459	175,694,404	300,440	111,693,024	186,019	175,694,408	300,440	-640	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,058,340	0	212,632	0	0	0	2,058,340	0	-1,299	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	454,812	1,303	34,289	90	0	0	454,812	1,303	-85	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,664,818	10,173	3,664,818	10,173	0	0	3,664,818	10,173	-907	
·	Total	991,435,681	1,321,217	492,957,194	843,250	115,951,905	194,303	875,483,776	1,126,914	359,628	36,289

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

YES

Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.
 The Threshold Test does not include the amount in 1568.
 The proportion of customers for the Residential and GS-S0 Classes will be used to allocate Account 1551.



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

Allocation of Group 1 Accounts (including Account 1568)

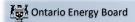
		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP	
Rate Class	% of Total kWh		WMP	1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	26.1%	90.4%	29.6%	30,843	(37,768)	(112,490)	784	42,078	(250,558)	93,924
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	10.3%	9.6%	11.7%	12,190	(3,995)	(44,460)	310	16,631	(99,029)	51,463
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	20.2%	0.0%	22.4%	23,819	0	(85,022)	605	32,495	(189,376)	214,029
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	13.8%	0.0%	15.6%	16,239	0	(59,225)	413	22,154	(131,917)	3,137
LARGE USE SERVICE CLASSIFICATION	29.0%	0.0%	20.1%	34,217	0	(76,294)	870	46,682	(169,936)	(640)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	245	0	(894)	6	334	(1,991)	(1,293)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.1%	54	0	(197)	1	74	(440)	(85)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	436	0	(1,591)	11	595	(3,545)	(907)
Total	100.0%	100.0%	100.0%	118,044	(41,763)	(380,174)	3,000	161,043	(846,792)	359,628

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



1a	The year Account 1589 GA was last disposed	2017]			
1b	The year Account 1580 CBR Class B was last disposed	2017	Note that the sub-account was established in 2015.			
2a	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1989 GA balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)?		(e.g. if you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 to 2018.)			
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to the current year requested for disposition)?		(e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017 to 2018.)			
3a	Enter the number of transition customer you had during the period the Account 1589 GA or Account 1580 CBR B balance accumulated	2]			
		Transition Customers - N	ion-loss Adjusted Billing Determinants by Customer		20	
		Customer	Rate Class		January to June	July to December
			GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	4,856,841	5,110,066
				kW	12,054	11,067
				Class A/B	В	A
		Customer 2	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	2,747,382	2,657,241
				kW	5,597	5,572
				Class A/B	В	A

	_		
Rate Classes with Class	A Customers - Billing Determinants by Rate Class		
	Rate Class		2018
: 1	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	124,566,194
		kW	244,938



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

2017

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

		Total	2018
Non-RPP Consumption Less WMP Consumption	A	492,957,194	492,957,194
Less Class A Consumption for Partial Year Class A Customers	В	7,767,307	7,767,307
Less Consumption for Full Year Class A Customers	С	300,260,598	300,260,598
Less Consumption for Partial Year Class B customer that did not contribute to GA Balance	D	4,856,841	4,856,841
Less Consumption for Street Lighting Service that did not contribute to the GA Balance	Е	3,664,818	3,664,818
Less Consumption for General Service 1,000 to 4,999 KW Service that did not contribute to the GA Balance	F	1,853,884	1,853,884
Total Class B Consumption for Years During Balance	G=A-B-C-D-		
Accumulation	E-F	174,553,746	174,553,746
All Class B Consumption for Transition Customers	Н	2,747,382	2,747,382
Transition Customers' Portion of Total Consumption	I=H/G	1.57%	

Allocation of Total GA Balance \$

Total GA Balance	J	-\$ 49	1,070
Transition Customers Portion of GA Balance	K=I*J	-\$	7,729
GA Balance to be disposed to Current Class B Customers through			
Rate Rider	L=J-K	-\$ 48	3,341

Allocation of GA Balances to Class A/B Transition Customers

	f of Class A/B Transition Customers	2				
	Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Transition Customers During the		Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments
Ī	Customer 2	2,747,382	2,747,382	100.00%	-\$ 7,729	-\$ 644
ĺ	Total	2,747,382	2,747,382	100.00%	-\$ 7,729	

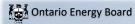


The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filling Requirements, section 3.2.5.2)

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

					monutary		Rate Rider Recovery to	be used below	
			Total Metered 2018 Consumption for Class A	Total Metered 2018 Consumption	Non-RPP Metered Consumption for Current				
			Customers that were Class A	for Customers that Transitioned	Class B Customers (Non-RPP Consumption		Total GA \$		
		Total Metered Non-RPP 2018		Between Class A and B during the	excluding WMP, Class A and Transition		allocated to Current		
		Consumption excluding WMP	accumulated	period GA balance accumulated	Customers' Consumption)	% of total kWh	Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	8,337,898	. 0	0	8,337,898	4.9%	(\$23,468)	-\$0.0028	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	16,708,479	0	0	16,708,479	9.7%	(\$47,029)	-\$0.0028	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	151,917,689	0	5,404,623	146,513,066	85.3%	(\$412,386)	-\$0.0028	kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	136,386,985	124,566,194	9,966,906	0	0.0%	\$0	\$0.0000	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	175,694,404	175,694,404	0	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	212,632	. 0	0	212,632	0.1%	(\$598)	-\$0.0028	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	34,289	0	0	34,289	0.0%	(\$97)	-\$0.0028	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	3,664,818	. 0	0	0	0.0%	\$0	\$0.0000	kWh
	Total	492,957,194	300,260,598	15,371,529	171,806,364	100.0%	(\$483,578)		



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.

with prior decisions, distributors are generally expected to settle	the amount through 12 equ	ai adjustments to bills.	
Year Account 1580 CBR Class B was Last Disposed	2017		
Allocation of Total Consumption (kWh) between Current Class B	and Class A/B Transition C	ustomers	
		Total	2018
Total Consumption Less WMP Consumption	A	875,483,776	875,483,776
Less Class A Consumption for Partial Year Class A Customers	В	7,767,307	7,767,307
Less Consumption for Full Year Class A Customers	С	300,260,598	300,260,598
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	567,455,871	567,455,871
All Class B Consumption for Transition Customers	E	7,604,223	7,604,223
Transition Customers' Portion of Total Consumption	F = E/D	1.34%	·

Allocation of Total CBR Class B Balance \$			
Total CBR Class B Balance	G	-\$ 6	55,407
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	876
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	I=G-H	-\$	64,530

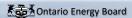
Allocation of CBR Class B Balances to Transition Customers						
# of Class A/B Transition Customers	2					
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers			Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthi Equal Payme	'
Customer 1	4,856,841	4,856,841	63.87%	-\$ 560	-\$	47
Customer 2	2,747,382		36.13%	-\$ 317	-\$	26
Total	7,604,223	7,604,223	100.00%	-\$ 876	-\$	73



No input required. 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.

The year Account 1580 CBR Class B was last disposed 2017

		Total Metered Consumption Min		Total Metered 2018 Cons Full Year Class A Cu		Total Metered 2018 Consump Customers		Customers (Total Consumption Class A and Transition Cu Consumption)	% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit	
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	259,047,259	0	0		0	0	259,047,259	0	46.3%	(\$29,859)	-\$0.0001	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	102,384,914	0	0		0	0	102,384,914	0	18.3%	(\$11,801)	-\$0.0001	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	195,792,240	535,679	0		5,404,623	11,169	190,387,617	524,510	34.0%	(\$21,945)	-\$0.0418	kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	136,386,985	279,319	124,566,194	244,938	9,966,906	23,121	1,853,884	11,260	0.3%	(\$214)	-\$0.0190	kW
LARGE USE SERVICE CLASSIFICATION	kW	175,694,408	300,440	175,694,404	300,439	0	0	4	1	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,058,340	0	0		0	0	2,058,340	0	0.4%	(\$237)	-\$0.0001	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	454,812	1,303	0		0	0	454,812	1,303	0.1%	(\$52)	-\$0.0399	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,664,818	10,173	0		0	0	3,664,818	10,173	0.7%	(\$422)	-\$0.0415	kW
	Total	875,483,776	1,126,914	300,260,598	545,377	15,371,529	34,290	559,851,648	547,246	100.0%	(\$64,530)		



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)
I PAM Proposed Pate	Ridor	Pecovery	Pariod	(in months)

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

							ranocation of Group .		Doron at variance		
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-	Deferral/Variance	Account Rate Rider for		
		Total Metered	Metered kW	kWh less WMP	kW less WMP	Account Balances to All	WMP Classes Only (If	Account Rate	Non-WMP	Account 1568	
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes 2	Applicable) 2	Rider 2	(if applicable) 2	Rate Rider	Revenue Reconcila
RESIDENTIAL SERVICE CLASSIFICATION	kWh	259,047,259	0	259,047,259	0	(327,110)		(0.0013)	0.0000	0.0004	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	102,384,914	0	102,384,914	0	(118,353)		(0.0012)	0.0000	0.0005	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	200,051,121	543,963	195,792,240	535,679	56,919	(274,397)	0.1046	(0.5122)	0.3935	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	136,386,985	279,319	136,386,985	279,319	(152,337)		(0.5454)	0.0000	0.0112	
LARGE USE SERVICE CLASSIFICATION	kW	287,387,432	486,459	175,694,408	300,440	81,769	(246,231)	0.1681	(0.8196)	(0.0013)	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,058,340	0	2,058,340	0	(2,299)		(0.0011)	0.0000	(0.0006)	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	454,812	1,303	454,812	1,303	(508)		(0.3899)	0.0000	(0.0652)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,664,818	10,173	3,664,818	10,173	(4,093)		(0.4024)	0.0000	(0.0892)	
											(1,000,772.87)

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

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



Summary - Sharing of Tax Change Forecast Amounts

	2013	2020
OEB-Approved Rate Base	65,468,782	\$ 65,468,782
OEB-Approved Regulatory Taxable Income	\$ 1,696,727	\$ 1,696,727
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate) ^{1,2}		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.5%
Ontario Small Business Rate (calculated effective rate) ^{1,2}		11.5%
Federal Small Business Limit		\$ 500,000
Ontario Small Business Limit		\$ 500,000
Federal Taxes Payable		\$ 254,509
Provincial Taxes Payable		\$ 195,124
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	24.44%	26.5%
Total Income Taxes Payable	\$ 414,680	\$ 449,633
OEB-Approved Total Tax Credits (enter as positive number)	54,764	\$ 54,764
Income Tax Provision	\$ 359,916	\$ 394,869
Grossed-up Income Taxes	\$ 476,331	\$ 537,236
Incremental Grossed-up Tax Amount		\$ 60,905
Sharing of Tax Amount (50%)		\$ 30,452

Notes

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

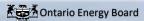


Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

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

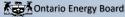
		Re-based Billed			Re-based	Re-based Distribution	Re-based Distribution		Distribution Volumetric Rate	Distribution Volumetric Rate			Distribution Volumetric Rate	Distribution Volumetric Rate	
Rate Class		Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Service Charge	Volumetric Rate kWh	Volumetric Rate kW	Service Charge Revenue	Revenue kWh	Revenue kW	Requirement from Rates	Service Charge % Revenue	% Revenue kWh	% Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	32,122	256,986,232		15.48	0.0211		5,966,983	5,422,409	0	11,389,392	52.4%	47.6%	0.0%	53.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	3,544	98,884,257		26.60	0.0186		1,131,245	1,839,247	0	2,970,492	38.1%	61.9%	0.0%	14.0%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	438	223,014,610	621,654	142.00		4.1269	746,352	0	2,565,504	3,311,856	22.5%	0.0%	77.5%	15.6%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	12	157,447,994	334,928	3121.63		1.6835	449,515	0	563,851	1,013,366	44.4%	0.0%	55.6%	4.8%
LARGE USE SERVICE CLASSIFICATION	kW	3	248,880,320	398,329	24427.60		1.8345	879,394	0	730,735	1,610,128	54.6%	0.0%	45.4%	7.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	260	2,214,914		11.95	0.0325		37,284	71,985	0	109,269	34.1%	65.9%	0.0%	0.5%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	445	620,940	1,450	3.85		25.3845	20,559	0	36,808	57,367	35.8%	0.0%	64.2%	0.3%
STREET LIGHTING SERVICE CLASSIFICATION	kW	10,140	9,039,916	24,522	2.40		18.5659	292,032	0	455,273	747,305	39.1%	0.0%	60.9%	3.5%
Total		46.964	997.089.183	1.380.883				9.523.363	7.333.641	4.352.170	21.209.174				100.0%

Rate Class		Total kWh (most recent RRR filing)	(most recent RRR filing)	Savings by Rate Class	Distribution Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	259,047,259		16,353	0.00	\$/customer	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	102,384,914		4,265	0.0000	kWh	If the allocated tax sharing amount does not produce a rate rider in
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	200,051,121	543,963	4,755	0.0000	kW	or more rate class (except for the Standby rate class), a distributor
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	136,386,985	279,319	1,455	0.0000	kW	required to transfer the entire OEB-approved tax sharing amount in
LARGE USE SERVICE CLASSIFICATION	kW	287,387,432	486,459	2,312	0.0000	kW	account 1595 for disposition at a later date (see Filing Requirement
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,058,340		157	0.0000	kWh	Appendix B)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	454,812	1,303	82	0.0000	kW	/ ppolitix b)
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,664,818	10,173	1,073	0.0000	kW	
Total		991,435,681	1,321,217	\$30,452			

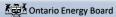


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes 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 Residential Service Classification General Service Less Than 50 kW Service Classification General Service Less Than 50 kW Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Street Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metere Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kW \$/kWh \$/kWh \$/kWh \$/kWh \$/kW	0.0067 0.0064 0.0063 0.0057 2.5158 2.2673 2.6720 2.4855 2.9586 2.8423 0.0063 0.0057 1.9069 1.7895 1.8973 1.7530	259,047,259 259,047,259 102,384,914 200,051,121 200,051,121 136,366,985 136,366,985 287,387,432 2,058,340 454,812 454,812 3,664,818 3,664,818	0 0 0 0 543,963 543,963 279,319 279,319 486,459 0 0 1,303 1,303 10,173	1.0421 1.0421 1.0421 1.0421 1.0421	269,953,149 106,695,319 106,695,319
3 - 3		**		-,,-	-,		



Uniform Transmission Rates	Unit	2018	2019 (Jan 1 - Ju			019 - Dec 31)		2020
Rate Description		Rate	Rate	9	R	ate		Rate
Network Service Rate	kW	\$ 3.61	\$	3.71	\$	3.83	\$	3.83
Line Connection Service Rate	kW	\$ 0.95	\$	0.94	\$	0.96	\$	0.96
Transformation Connection Service Rate	kW	\$ 2.34	\$	2.25	\$	2.30	\$	2.30
Hydro One Sub-Transmission Rates	Unit	2018	2019 (Jan 1 - Ju			019 - Dec 31)		2020
Rate Description		Rate	Rate	е	R	ate		Rate
Network Service Rate	kW	\$ 3.1942	\$	3.1942	\$	3.2915	\$	3.2915
Line Connection Service Rate	kW	\$ 0.7710	\$	0.7710	\$	0.7877	\$	0.7877
Transformation Connection Service Rate	kW	\$ 1.7493	\$	1.7493	\$	1.9755	\$	1.9755
Both Line and Transformation Connection Service Rate	kW	\$ 2.5203	\$	2.5203	\$	2.7632	\$	2.7632
If needed, add extra host here. (I)	Unit	2018	2019					2020
Rate Description		Rate	Rate	9				Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$ -	\$	-			\$	-
If needed, add extra host here. (II)	Unit	2018	2019)				2020
Rate Description		Rate	Rate	е				Rate
Network Service Rate	kW							
Line Connection Service Rate	kW							
Transformation Connection Service Rate	kW							
Both Line and Transformation Connection Service Rate	kW	\$ -	\$	-			\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	Historical 2018	Current	2019			For	ecast 2020



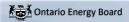
In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation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

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

IESO Month	Units Billed	Network Rate	Amount	Lin Units Billed	e Connection	n Amount	Transfor Units Billed	mation Cor Rate	nnection Amount	Total C	onnection
WOITH	Onits Billed	Kate	Amount	Chits Billed	Rate	Amount	Omis Billeu	Rate	Amount	All	iount
January	125,469	\$3.61	\$ 452,943	135,790	\$0.95		135,790	\$2.34	\$ 317,749	\$	446,749
February	127,228		\$ 459,293	130,647	\$0.95		130,647	\$2.34	\$ 305,714	\$ \$	429,829
March	115,875		\$ 418,309	122,065	\$0.95	115,962	122,065	\$2.34	\$ 285,632	\$	401,594
April	117,459		\$ 424,027	118,674	\$0.95	112,740	118,674	\$2.34	\$ 277,697	\$	390,437
May	123,295		\$ 445,095	144,431	\$0.95	137,209	144,431	\$2.34	\$ 337,969	\$	475,178
June	137,120		\$ 495,003	164,159	\$0.95		164,159	\$2.34	\$ 384,132	ş	540,083
July	132,784 126,428		\$ 479,350 \$ 456,405	157,737 157,062	\$0.95 \$0.95 \$		157,737 157,062	\$2.34 \$2.34	\$ 369,105 \$ 367,525	\$ \$	518,955 516,734
August September	137,337	\$3.61	\$ 495,787	166,023	\$0.95	149,209	166,023	\$2.34	\$ 388,494	Š	546,216
October	139,837		\$ 504,812	139,936	\$0.95		139,936	\$2.34	\$ 327,450	Š	460,389
November	126.832		\$ 457,864	129,553	\$0.95		129,553	\$2.34	\$ 303,154	Š	426,229
December	139,790		\$ 504,642	158,567	\$0.95		158,567	\$2.34	\$ 371,047	s	521,685
Total	1,549,454 \$	3.61	\$ 5,593,529	1,724,644	\$ 0.95 \$	1,638,412	1,724,644	\$ 2.34	\$ 4,035,667	\$	5,674,079
Hydro One		Network		Lin	e Connection	n	Transfor	mation Co	nnection	Total Co	onnection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	An	ount
January February	11,665 12,191		\$ 37,261 \$ 38,940	11,665 12,191	\$0.7710 \$ \$0.7710 \$		11,665 12,191	\$1.7493 \$1.7493	\$ 20,406 \$ 21,325	\$ \$	29,400 30,724
March	12,191		\$ 38,940 \$ 35,839	11,220	\$0.7710 \$ \$0.7710 \$		11,220	\$1.7493	\$ 21,325 \$ 19,627	S	28,278
April	9,768	\$3.1942	\$ 35,839	9.768	\$0.7710 \$		9,768	\$1.7493	\$ 19,627	S	24,618
Mav	13,786		\$ 44,036	13,786	\$0.7710 \$		13,786	\$1.7493	\$ 17,087	S	34,745
June	13,780	\$3.1942	\$ 44,036 \$ 44.058	13,786		10,629	13,786	\$1.7493		Š	34,745
	13,793	\$3.1942 \$3.1942	\$ 44,058 \$ 46,958	13,793	\$0.7710 \$ \$0.7710 \$	\$ 10,635 \$ 11,335	13,793	\$1.7493	\$ 24,128 \$ 25,717	\$	34,763 37,051
July August	14,701 14,588		\$ 46,958 \$ 46,598	14,701 14,588	\$0.7710 \$		14,701 14,588	\$1.7493 \$1.7493	\$ 25,717 \$ 25,519	\$	37,051
August	14,588 15,546		\$ 46,598 \$ 49,658	14,588 15,546	\$0.7710 \$		14,588 15,546	\$1.7493 \$1.7493	\$ 25,519 \$ 27,195	\$	36,767
September	10,046	\$3.1942	\$ 49,008 c 20,000	10,046	\$0.7710 \$	11,986	10,546	\$1.7493			39,181
October November	12,087 12,530	\$3.1942 \$3.1942	\$ 38,608 \$ 40,024	12,087 12,530	\$0.7710 \$ \$0.7710 \$		12,087 12,530	\$1.7493 \$1.7493	\$ 21,144 \$ 21,919	\$ \$	30,463 31,580
November December	12,530		\$ 40,024 \$ 38,343	12,530 12,004	\$0.7710 \$		12,530	\$1.7493	\$ 21,919 \$ 20,999	\$ \$	31,580
						,			,		
Total	153,880 \$		\$ 491,524	153,880	\$ 0.7710 \$	118,642		\$ 1.7493	\$ 269,182	\$	387,824
Add Extra Host Here (I)		Network		Lin	e Connection	n	Transfor	mation Co	nnection	Total Co	onnection
(if needed)											
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	An	ount
January	\$				S -			s -		s	
February	Š				\$ -			š -		\$ \$	-
March	s s				\$ -			\$ -		\$	-
April	\$				\$ -			\$ -		\$	-
Mav	Š				\$ -			s -		Š	
June	Š				\$ -			s -		Š	
July	Š				š -			š -		š	
August	\$									\$	
								S -			
Sentember		- :			\$ -			\$ - \$.			
September	\$				\$ -			\$ -		\$	
September October	\$ \$				\$ -			\$ - \$ -		\$	
September	\$:						\$ -		\$:
September October November December	\$ \$ \$	•			\$ - \$ -			\$ - \$ - \$ -		\$ \$ \$ \$:
September October November December Total	\$ \$ \$		\$ -		\$ - \$ - \$ -	\$ -		\$ - \$ - \$ - \$ -	\$ -	\$ \$ \$ \$	<u>:</u>
September October November December	\$ \$ \$	- Network	\$ -	- Lin	\$ - \$ -	3 -	Transfor	\$ - \$ - \$ -	\$ -	\$ \$ \$ \$	- - - - onnection
September October November December Total Add Extra Host Here (II) (If needed)	- \$	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ -		\$ \$ \$ \$ Total Co	
September October November December Total	\$ \$ \$	Network	\$ -	- Lin Units Billed	\$ - \$ - \$ -	Amount	Transfor	\$ - \$ - \$ - \$ -	\$ -	\$ \$ \$ \$ Total Co	- - - - - - - -
September October November December Total Add Extra Host Here (II) (If needed)	- \$	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ -		\$ \$ \$ \$ Total C	
September October November December Total Add Extra Host Here (II) (If needed) Month	S S S S S S S S S S S S S S S S S S S	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ - Rate			\$ - \$ - \$ - \$ - \$ - Rate \$ - \$ -		S S S S S Am	
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	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - Rate \$ - \$ -		S S S S S Am	
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April	Units Billed	HOLIIOIK	\$ -		\$ - \$ - \$ e Connection Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			\$ - \$ - \$ - \$ - Trmation Col Rate \$ - \$ - \$ -		S S S S An S S S S S S S S S S S S S S S	
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	HOLIIOIK	\$ -		\$ - \$ - \$ te Connection Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			\$ - \$ - \$ - \$ - Transition Con Rate \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Most More (II) (If needed) Month January February March April May June	Units Billed	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$		S S S Total C	
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July	Units Billed	HOLIIOIK	\$ -		\$ - \$ - \$ te Connection Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Most More (II) (If needed) Month January February Nebran April April June July August	Units Billed	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September	Units Billed	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$		S S S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Most Mere (II) (If needed) Month January February March Alay June July August September October	Units Billed	HOLIIOIK	Amount		\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
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	HOLIIOIK	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Most Mere (II) (If needed) Month January February March Alay June July August September October	Units Billed	HOLIIOIK	\$ -		\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December	Units Billed	HOLIIOIK	Amount		\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
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 Units Billed	HOLIIOIK	Amount		\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December	Units Billed Units Billed	HOLIIOIK	Amount	Units Billed	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	Total C An	
September October November December Total Add Extra Most Hore (II) (If needed) Month January February March April May June July August September October November December Total	Units Billed S S S S S S S S S S S S S S S S S S S	Rate	\$.	Units Billed	\$ - \$ - \$	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ -	Total C. An S S S S S S S S S S S S S S S S S	ount
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total	Units Billed Units Billed	Rate	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	Total C. An S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total Total Month	Units Billed Units Billed	Rate	\$ -	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	Units Billed Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	S S S S S S S S S S S S S S S S S S S	ount
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November Total Month January	Units Billed Units Billed	Rate	\$ Amount \$ 490,204	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount Amount \$ 137,994	Units Billed Transfor Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	Total C. An S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Most More (II) (If needed) Month January February March April May June July August September October November December Total Total Month January February	Units Billed Units Billed Units Billed	Rate	Amount \$ 490,204 \$ 498,233	Units Billed Lin Units Billed 147,455 142,838	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount S	Units Billed Transfor Units Billed 147,455 142,838	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	S S S S S S S S S S S S S S S S S S S	onnection 476,149 460,553
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October Total Total Month January February March April May June July August September October December Total Month January February March	Units Billed Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 454,148	Units Billed Lin Units Billed 147,455 142,838 133,286	\$ - \$ - \$ \$	Amount Amount \$ 137.994 \$ 124.612 \$ 124.612	Units Billed Transfor Units Billed 147,455 142,838 133,285	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 338,155 \$ 327,039 \$ 305,259	Total C	ount
September October November December Total Add Extra Most Mere (II) (If needed) Month January February February March April May June July August September October November December Total Total January February August August September October November December Avember August Augu	Units Billed Units Billed Units Billed Units Billed	Rate	Amount \$ 490.204 \$ 488,233 \$ 484,148 \$ 455,228	Units Billed Lin Units Billed 147,455 142,838 133,285 128,442	\$ - \$ \$ - \$	Amount Amount Amount Amount \$ 137,994 \$ 133,514 \$ 124,612 \$ 120,271	Units Billed Transfor Units Billed 147,455 142,838 133,285 128,442	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	Total C. Am S S S S Total C. An S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Host Here (ii) (if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November December April Month January February March April March April March April May	Units Billed Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 488,233 \$ 454,148 \$ 455,228 \$ 489,131	Units Billed Lin Units Billed 147,455 142,838 133,285 128,442 158,217	\$ - \$ - \$ 10 Connection Rate \$ - \$ 5 - \$ 10 Connection Rate \$ - \$ 5	Amount \$ 137.994 \$ 133.514 \$ 124.612 \$ 120.271 \$ 147.839	Units Billed Transfor Units Billed 147,455 142,838 133,265 128,442 158,217	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ Amount \$ 338,155 \$ 327,039 \$ 305,259 \$ 294,784 \$ 362,084	Total C	ount
September October November December Total Add Extra Most Mere (II) (If needed) Month January February February March April May June July August September October November December Total Total January February August August September October November December Avember August Augu	Units Billed Units Billed Units Billed Units Billed	Rate	Amount \$ 490.204 \$ 488,233 \$ 484,148 \$ 455,228	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952	\$ - \$ \$ - \$	Amount Amount Amount \$ 137,994 \$ 120,271 \$ 147,839 \$ 166,586	Units Billed Transfor Units Billed 147,455 142,838 133,285 128,442	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	Total C. Am S S S S Total C. An S S S S S S S S S S S S S S S S S	
September October November December Total Add Extra Host Here (ii) (if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November December Total Total Month January February March April May June July June July	Units Billed Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 488,233 \$ 455,128 \$ 455,228 \$ 499,131 \$ 539,061 \$ 528,390	Units Billed Lin Units Billed 147,455 142,838 133,285 128,442 158,217 177,952	\$ - \$ - \$ 10 Connection Rate \$ - \$ 10 Connection Rate \$ - \$ 5	Amount Amount \$ 137,994 \$ 133,514 \$ 124,612 \$ 120,071 \$ 147,839 \$ 166,586 \$ 161,185	Units Billed Transfor Units Billed 147,455 142,838 13,265 128,442 158,217 177,952	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ ** ** ** ** ** ** ** ** ** ** **	Total C	ount
September October November December Total Add Extra Most Mere (II) (If needed) Month January February March August September October November December Total Total Total Month January February March April May June July August September October November December Total Total Total January February March April May June July August August August August August August August August August	Units Billed Units Billed Units Billed Units Billed Units Billed	Rate	Amount \$ 490.204 \$ 498.233 \$ 455.238 \$ 455.238 \$ 455.258 \$ 539.061 \$ 539.061 \$ 528.509 \$ 530.303	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,650	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$	Amount Amount Amount 5 13,794 5 120,271 5 147,839 5 166,586 5 161,185 160,456 161,185	Units Billed Transfor Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,850	\$	Amount \$	Total C: Am S S S S S S S S S S S S S S S S S S S	ount
September October November December Total Add Extra Host Here (ii) (if needed) Month January February March April May June July August September Total Total Month January February March April May June July August September October November December Total Total Month January February March April May June July August September April May June July August September	Units Billed Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	\$ 490,204 \$ 498,233 \$ 456,143 \$ 455,228 \$ 455,228 \$ 528,390,651 \$ 528,390 \$ 503,003 \$ 503,003	Units Billed Units Billed 147,455 142,838 133,265 128,442 158,217 177,952 172,438 171,650 181,569	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$	Amount Amount \$ 137,994 \$ 133,514 \$ 124,612 \$ 120,271 \$ 147,839 \$ 166,586 \$ 161,185 \$ 160,456 \$ 169,708	Units Billed Transfor Units Billed 147,455 142,838 133,265 128,442 158,217 177,952 172,438 171,650 181,550	\$	\$ *** ** ** ** ** ** ** ** ** ** ** **	Total C	ount
September October November December Total Add Extra Most Here (II) (If needed) Month January February March Alay June July August September October November December Total Total Total Month January February May June July August September October November December Total Total Total Total September January February May June July August September October April May June July August September October October	Units Billed Units Billed Units Billed Units Billed Units Billed	Rate	Amount \$ 490,204 \$ 498,233 \$ 455,238 \$ 455,238 \$ 539,661 \$ 539,661 \$ 526,309 \$ 553,030 \$ 545,444 \$ 553,651	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,569 181,569 152,023	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$	Amount Amount Amount \$ 133,514 \$ 120,271 \$ 147,839 \$ 166,586 \$ 161,185 \$ 160,456	Units Billed Transfor Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,850 181,559 152,023	\$	Amount \$	Total C. Am S S S S S S S S S S S S S S S S S	ount
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November Total Total Month January February March April May June July August September October November December Total Total Total September October April May June July August September October November October November	Units Billed Units Billed Units Billed Units Billed Units Billed	Rate	Amount \$ 490,204 \$ 498,233 \$ 455,238 \$ 455,238 \$ 539,661 \$ 539,661 \$ 526,309 \$ 553,030 \$ 545,444 \$ 553,651	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,569 181,569 152,023	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$	Amount Amount 5 137,994 5 133,514 5 137,994 5 147,839 5 166,596 161,185 160,456 5 169,708 5 169,708 5 189,708	Units Billed Transfo: Units Billed 147,455 142,838 142,838 171,952 172,438 171,650 181,569 152,023 142,083	\$	Amount \$	Total C. Am S S S S S S S S S S S S S S S S S	20000000000000000000000000000000000000
September October November December Total Add Extra Most Hore (II) (If needed) Month January February March April May June July August September October November December Total Total Month January February August September October November December Total Total Total Month January February March April May June July August September October November December December December December December	Units Billed Units Billed	Rate	Amount \$ 499,204 \$ 498,233 \$ 455,129 \$ 593,303 \$ 593,303 \$ 593,303 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,569 181,569 152,023	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$	Amount Amount \$ 137,994 \$ 133,514 \$ 120,271 \$ 147,289 \$ 166,586 \$ 160,456 \$ 160,	Units Billed Transfor Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,850 181,559 152,023	\$	Amount \$	Total C	ount
September October November December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November Total Total Month January February March April May June July August September October November December Total Total Total September October April May June July August September October November October November	Units Billed Units Billed Units Billed Units Billed Units Billed	Rate	Amount \$ 499,204 \$ 498,233 \$ 455,129 \$ 593,303 \$ 593,303 \$ 593,303 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,569 181,569 152,023	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount Amount 5 137,994 5 133,3514 5 124,612 120,271 5 161,636 5 161,045 5 161,045 5 161,045 5 161,045 5 161,045 6 169,708 1 142,258 5 112,278 5 122,786 5 159,894	Units Billed Transfo: Units Billed 147,455 142,838 142,838 171,952 172,438 171,650 181,569 152,023 142,083	\$	\$ Amount \$ Amount Amount \$ 338,155 \$ 327,039 \$ 329,4784 \$ 349,594 \$ 4415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 325,073 \$ 392,045	Total C. Am S S S S S S S S S S S S S S S S S	20000000000000000000000000000000000000
September October November December Total Add Extra Most Hore (II) (If needed) Month January February March April May June July August September October November December Total Total Month January February August September October November December Total Total Total Month January February March April May June July August September October November December December December December December	Units Billed Units Billed	Rate	Amount \$ 499,204 \$ 498,233 \$ 455,129 \$ 593,303 \$ 593,303 \$ 593,303 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419	Units Billed Units Billed 147,455 142,638 133,2626 128,442 171,2438 171,650 181,559 152,023 142,083 142,083 142,083	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount Amount \$ 137,994 \$ 133,514 \$ 120,271 \$ 147,289 \$ 166,586 \$ 160,456 \$ 160,	Units Billed Transfo: Units Billed 147,455 142,838 132,945 138,842 171,952 172,438 171,650 181,569 152,023 142,083 170,571	\$	\$ Amount \$ 339,155 \$ 327,039 \$ 390,239 \$ 260,784 \$ 260,784 \$ 415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 415,689	Total C. Am S S S S S S S S S S S S S S S S S	ount
September October November December Total Add Extra Most Hore (II) (If needed) Month January February March April May June July August September October November December Total Total Month January February August September October November December Total Total Total Month January February March April May June July August September October November December December December December December	Units Billed Units Billed	Rate	Amount \$ 499,204 \$ 498,233 \$ 455,129 \$ 593,303 \$ 593,303 \$ 593,303 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419	Units Billed Units Billed 147,455 142,638 133,2626 128,442 171,2438 171,650 181,559 152,023 142,083 142,083 142,083	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount Amount \$ 137,994 \$ 133,514 \$ 120,271 \$ 147,638 \$ 166,586 \$ 161,456 \$ 161,456 \$ 161,456 \$ 151,456	Transfot Units Billed 147,455 142,838 133,285 128,442 158,217,7852 177,852 177,852 177,852 170,571 1,878,524 Low Voltage Swits	\$	\$ Amount Amount \$ 338,155 \$ 327,039 \$ 305,259 \$ 394,824 \$ 294,784 \$ 348,594 \$ 348,594 \$ 348,594 \$ 32,073 \$ 392,045 \$ 4,304,849 itt (if applicable)	Total C. Am S S S S S S S S S S S S S S S S S	ount
September October November December Total Add Extra Most Hore (II) (If needed) Month January February March April May June July August September October November December Total Total Month January February August September October November December Total Total Total Month January February March April May June July August September October November December December December December December	Units Billed Units Billed	Rate	Amount \$ 499,204 \$ 498,233 \$ 455,129 \$ 593,303 \$ 593,303 \$ 593,303 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419 \$ 593,419	Units Billed Units Billed 147,455 142,638 133,2626 128,442 171,2438 171,650 181,559 152,023 142,083 142,083 142,083	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount Amount \$ 137,994 \$ 133,514 \$ 120,271 \$ 147,638 \$ 166,586 \$ 161,456 \$ 161,456 \$ 161,456 \$ 151,456	Units Billed Transfo: Units Billed 147,455 142,838 132,945 138,842 171,952 172,438 171,650 181,569 152,023 142,083 170,571	\$	\$ Amount Amount \$ 338,155 \$ 327,039 \$ 305,259 \$ 394,824 \$ 294,784 \$ 348,594 \$ 348,594 \$ 348,594 \$ 32,073 \$ 392,045 \$ 4,304,849 itt (if applicable)	Total C. Am S S S S S S S S S S S S S S S S S	ount

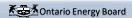
The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO Network		Network		Lin	e Connection	n	Transfor	mation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	125,469 \$ 127,228 \$	3.7100	\$ 465,490		\$ 0.9400 \$	\$ 127,643	135,790	\$ 2.2500	\$ 305,528	\$ 433,1
February	127,228 \$	3.7100	\$ 472,016		\$ 0.9400		130,647		\$ 293,956	\$ 416,7
March	115,875 \$ 117,459 \$	3.7100	\$ 429,896		\$ 0.9400	\$ 114,741	122,065		\$ 274,646	\$ 389,3
April	117,459 \$		\$ 435,773		\$ 0.9400		118,674		\$ 267,017	\$ 378,5
May	123,295 \$ 137,120 \$	3.7100	\$ 457,424 \$ 508,715		\$ 0.9400 \$ \$ 0.9400 \$	\$ 135,765	144,431	\$ 2.2500	\$ 324,970 \$ 369,358	\$ 460,7
June	137,120 \$ 132,784 \$						164,159 157,737			\$ 523,60 \$ 514,23
July August				157,737 157,062	\$ 0.9600 \$ \$ 0.9600 \$	5 151,428		\$ 2.3000 \$ 2.3000		\$ 514,23 \$ 512.03
	126,428 \$ 137,337 \$						157,062	\$ 2.3000	\$ 361,243 \$ 381.853	
September October	137,337 \$ 139,837 \$		\$ 526,001 \$ 535,576	166,023 139,936	\$ 0.9600 \$ \$ 0.9600 \$		166,023 139,936		\$ 381,853 \$ 321,853	\$ 541,23 \$ 456,19
November	126,832 \$	3.8300	\$ 485.767	129,553	\$ 0.9600 3	\$ 124,371	129,553	\$ 2.3000	\$ 297,972	\$ 422.3
December	139,790 \$		\$ 535,396	158,567	\$ 0.9600		158,567	\$ 2.3000	\$ 364,704	\$ 516,9
December	133,730 ψ	3.0300	ψ 555,550	130,307	ψ 0.3000 .	9 132,224	130,301	Ψ 2.3000	ψ 30 1 ,70 1	ψ 510,5.
Total	1,549,454 \$	3.77	\$ 5,844,835	1,724,644	\$ 0.95	\$ 1,639,343	1,724,644	\$ 2.28	\$ 3,925,893	\$ 5,565,2
Hydro One		Network		Lin	e Connection	n	Transfor	mation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	11,665 \$	3.1942	\$ 37.261	11,665	\$ 0.7710 \$	\$ 8994	11,665	\$ 1.7493	\$ 20,406	\$ 29,4
February			\$ 38,940		\$ 0.7710 \$		12,191	\$ 1.7493	\$ 21,325	\$ 30,7
March	12,191 \$ 11,220 \$	3.1942	\$ 38,940 \$ 35,839	11,220	\$ 0.7710 S \$ 0.7710 S	\$ 9,599 \$ 8.651	11,220		\$ 21,325 \$ 19,627	\$ 28,2
April			\$ 31,201		\$ 0.7710 \$		9,768		\$ 17,087	\$ 24,6
May	9,768 \$ 13.786 \$					\$ 7,531 \$ 10,629	13.786		\$ 17,007 \$ 24,116	\$ 24,6
May June	13,786 \$ 13,793 \$		\$ 44,036 \$ 44.058		\$ 0.7710 \$ \$ 0.7710 \$	\$ 10,629 \$ 10.635	13,786	\$ 1.7493	\$ 24,116 \$ 24,128	\$ 34,7
July	13,793 \$				\$ 0.7710 3		13,793			\$ 40,6
August	14,701 \$ 14,588 \$	3.2915	\$ 48,389 \$ 48,017		\$ 0.7877 \$		14,701	\$ 1.9755	\$ 29,042 \$ 28,819	\$ 40,6.
September			\$ 46,017 \$ 51,170			\$ 11,491 \$ 12,246	15,546			\$ 40,3
October	15,546 \$ 12,087 \$	3.2915	\$ 51,170 \$ 39,784	15,546 12,087	\$ 0.7877 S	\$ 12,246 \$ 9,521	15,546 12,087	\$ 1.9755	\$ 30,712 \$ 23,878	\$ 42,9
November	12,530 \$		\$ 39,764 \$ 41.243		\$ 0.7877 S		12,530	\$ 1.9755	\$ 23,676 \$ 24,753	\$ 33,3
December	12,004 \$	3.2915	\$ 41,243 \$ 39,511	12,004	\$ 0.7877 S	\$ 9,456	12,004	\$ 1.9755	\$ 24,753 \$ 23,714	\$ 34,6.
December	12,004 p	3.2913	φ 35,311	12,004	φ 0.7677 ·	p 5,430	12,004	φ 1.9755	\$ 23,714	φ 33,11
Total	153,880 \$	3.25	\$ 499,449	153,880	\$ 0.78	\$ 120,002	153,880	\$ 1.87	\$ 287,608	\$ 407,6
Extra Host Here (I)		Network		Lin	e Connection	n	Transfor	mation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- \$	- :	\$ -		\$ - 5	s -		s -	\$ -	\$ -
February	- \$	- :	\$ -	-	\$ - 5	· \$ -	-	\$ -	\$ -	\$ -
March	- \$	- :	\$ -			· \$ -	-		\$ -	\$ -
April	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
May	- \$		\$ -			\$ -		\$ -	\$ -	\$ -
June	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
July	- \$		\$ -		\$ - 5	\$ -		\$ -	\$ -	\$ -
August	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
September	- \$		\$ -		\$ - 5	\$ -		\$ -	\$ -	\$ -
October	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
November	- \$		\$ -		\$ - 5	\$ -		\$ -	\$ -	\$ -
December	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
Total	- \$	-	\$ -		\$ - :	\$ -		\$ -	\$ -	\$ -
i Extra Host Here (II)		Network		Lin	e Connection	n	Transfor	mation Con	nection	Total Connectio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
February	- \$	- :	\$ -		\$ - 5		-	\$ -	\$ -	\$ -
March	- \$	-	\$ -	-	\$ - 9	\$ -		\$ -	\$ -	\$ -
April	- \$		\$ -		\$ - 9				\$ -	\$ -
May	- \$	-	\$ -		\$ - 9			\$ -	\$ -	\$ -
June	- \$		\$ -		\$ - 9				\$ -	\$ -
July	- \$		\$ -			\$ -			\$ -	\$ -
August	- \$		\$ -			\$ -			\$ -	\$ -
September	- \$		\$ -		\$ - 5	\$-			\$ -	\$ -
October	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
November	- \$		\$ -	-	\$ - 5	\$-	-	\$ -	\$ -	\$ -
December	- \$	- :	\$ -	-	\$ - 5	\$ -	-	\$ -	\$ -	\$ -
Total	- \$	-	\$ -		\$ - 5	\$ -		\$ -	\$ -	\$ -
		Network		Lin	e Connection	n	Transfor	mation Con	nection	Total Connection
Total			Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Units Billed	Rate							\$ 325,934	\$ 462,5
Month	Units Billed	Rate 3 6661	\$ 502.751	1/7 /55		- 130,037	147,400	4 4.4 IU4		ψ 402,0
Month January	137,134 \$	3.6661	\$ 502,751 \$ 510,955	147,455 142,838	\$ 0.9266 S	132 207	1/12 820	\$ 2 2073	\$ 315.281	\$ 1171
Month January February	137,134 \$ 139,419 \$	3.6661 3.6649	\$ 510,955	142,838	\$ 0.9256 \$	\$ 132,207	142,838 133,285	\$ 2.2073	\$ 315,281	\$ 447,4 \$ 417.6
Month January February March	137,134 \$ 139,419 \$ 127,095 \$	3.6661 3.6649 3.6645	\$ 510,955 \$ 465,735	142,838 133,285	\$ 0.9256 \$ \$ 0.9258 \$	\$ 132,207 \$ 123,392	133,285	\$ 2.2073 \$ 2.2079	\$ 315,281 \$ 294,274	\$ 417,6
Month January February March April	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$	3.6661 3.6649 3.6645 3.6704	\$ 510,955 \$ 465,735 \$ 466,974	142,838 133,285 128,442	\$ 0.9256 \$ \$ 0.9258 \$ \$ 0.9271 \$	\$ 132,207 \$ 123,392 \$ 119,085	133,285 128,442	\$ 2.2073 \$ 2.2079 \$ 2.2119	\$ 315,281 \$ 294,274 \$ 284,104	\$ 417,6 \$ 403,1
Month January February March April May	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$	3.6661 3.6649 3.6645 3.6704 3.6581	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460	142,838 133,285 128,442 158,217	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394	133,285 128,442 158,217	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086	\$ 417,6 \$ 403,1 \$ 495,4
Month January February March April May June	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773	142,838 133,285 128,442 158,217 177,952	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9269 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394 \$ 164,944	133,285 128,442 158,217 177,952	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486	\$ 417,6 \$ 403,1 \$ 495,4 \$ 558,4
Month January February March April May June July	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$ 147,485 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951	142,838 133,285 128,442 158,217 177,952 172,438	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9269 \$ 0.9453 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394 \$ 164,944 \$ 163,008	133,285 128,442 158,217 177,952 172,438	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837	\$ 417,6 \$ 403,1 \$ 495,4 \$ 558,4 \$ 554,8
Month January February March April May June July August	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$ 147,485 \$ 141,016 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763 3.7763	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951 \$ 532,236	142,838 133,285 128,442 158,217 177,952 172,438 171,650	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9269 \$ 0.9453 \$ 0.9454 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394 \$ 164,944 \$ 163,008 \$ 162,271	133,285 128,442 158,217 177,952 172,438 171,650	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723 \$ 2.2724	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837 \$ 390,062	\$ 417,6 \$ 403,1 \$ 495,4 \$ 558,4 \$ 554,8 \$ 552,3
Month January February March April May June July August September	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$ 147,485 \$ 141,016 \$ 152,883 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763 3.7743 3.7752	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951 \$ 532,236 \$ 577,171	142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9269 \$ 0.9453 \$ 0.9454 \$ 0.9452 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394 \$ 164,944 \$ 163,008 \$ 162,271 \$ 171,628	133,285 128,442 158,217 177,952 172,438 171,650 181,569	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723 \$ 2.2724 \$ 2.2722	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837 \$ 390,062 \$ 412,564	\$ 417,6 \$ 403,1 \$ 495,4 \$ 558,4 \$ 554,8 \$ 552,3 \$ 584,1
Month January February March April May June July August September October	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$ 147,485 \$ 141,016 \$ 152,883 \$ 151,924 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763 3.7743 3.7752 3.7872	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951 \$ 532,236 \$ 577,171 \$ 575,360	142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9269 \$ 0.9453 \$ 0.9454 \$ 0.9452 \$ 0.9463 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394 \$ 164,944 \$ 163,008 \$ 162,271 \$ 171,628 \$ 143,859	133,285 128,442 158,217 177,952 172,438 171,659 181,569 152,023	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723 \$ 2.2724 \$ 2.2722 \$ 2.2722	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837 \$ 390,082 \$ 412,564 \$ 345,730	\$ 417,6 \$ 403,1 \$ 495,4 \$ 558,4 \$ 552,3 \$ 584,1 \$ 489,5
Month January February March April May June July August September October November	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$ 147,485 \$ 141,016 \$ 152,883 \$ 151,924 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763 3.7743 3.7752 3.7872	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951 \$ 532,236 \$ 577,171 \$ 575,360 \$ 527,010	142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023 142,083	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9253 \$ 0.9453 \$ 0.9454 \$ 0.9454 \$ 0.9453 \$ 0.9463 \$ 0.9468 \$ 0.9448 \$	\$ 132,207 \$ 123,392 119,085 \$ 146,394 164,944 \$ 163,008 \$ 162,271 171,628 \$ 143,859 134,241	133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023 142,083	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723 \$ 2.2724 \$ 2.2722 \$ 2.2722 \$ 2.2742 \$ 2.2714	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837 \$ 390,062 \$ 412,564 \$ 345,730 \$ 322,725	\$ 417.6 \$ 403.1 \$ 495.4 \$ 558.4 \$ 552.3 \$ 584.1 \$ 489.5 \$ 456.9
Month January February March April May June July August September October November December	137,134 \$ 139,419 \$ 127,095 \$ 127,095 \$ 127,027 \$ 137,081 \$ 150,913 \$ 147,485 \$ 141,016 \$ 152,883 \$ 151,924 \$ 139,362 \$ 151,794 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763 3.7743 3.7752 3.7872 3.7816 3.7874	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951 \$ 532,236 \$ 577,171 \$ 575,360 \$ 527,010 \$ 574,907	142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023 142,083 170,571	\$ 0.9256 \$ 0.9258 \$ 0.9258 \$ 0.9253 \$ 0.9253 \$ 0.9269 \$ 0.9453 \$ 0.9454 \$ 0.9452 \$ 0.9463 \$ 0.9463 \$ 0.9448 \$ 0.9479 \$	\$ 132,207 \$ 123,392 \$ 119,085 \$ 146,394 \$ 164,944 \$ 163,008 \$ 162,271 \$ 171,628 \$ 143,859 \$ 134,241 \$ 161,680	133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023 142,083 170,571	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723 \$ 2.2724 \$ 2.2722 \$ 2.2742 \$ 2.2742 \$ 2.2714	\$ 315,281 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837 \$ 390,062 412,564 \$ 345,730 \$ 322,725 \$ 388,418	\$ 417.6 \$ 403.1 \$ 495.4 \$ 558.4 \$ 554.8 \$ 552.3 \$ 584.1 \$ 489.5 \$ 550.0
Month January February March April May June July August September October November	137,134 \$ 139,419 \$ 127,095 \$ 127,227 \$ 137,081 \$ 150,913 \$ 147,485 \$ 141,016 \$ 152,883 \$ 151,924 \$	3.6661 3.6649 3.6645 3.6704 3.6581 3.6629 3.7763 3.7743 3.7752 3.7872 3.7816 3.7874	\$ 510,955 \$ 465,735 \$ 466,974 \$ 501,460 \$ 552,773 \$ 556,951 \$ 532,236 \$ 577,171 \$ 575,360 \$ 527,010	142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023 142,083 170,571	\$ 0.9256 \$ 0.9258 \$ 0.9271 \$ 0.9253 \$ 0.9253 \$ 0.9453 \$ 0.9454 \$ 0.9454 \$ 0.9453 \$ 0.9463 \$ 0.9468 \$ 0.9448 \$	\$ 132,207 123,392 119,085 146,394 164,944 163,008 162,271 171,628 143,859 134,241 161,680	133,285 128,442 158,217 177,952 172,438 171,650 181,569 152,023 142,083	\$ 2.2073 \$ 2.2079 \$ 2.2119 \$ 2.2064 \$ 2.2112 \$ 2.2723 \$ 2.2724 \$ 2.2722 \$ 2.2742 \$ 2.2742 \$ 2.2714	\$ 315,281 \$ 294,274 \$ 284,104 \$ 349,086 \$ 393,486 \$ 391,837 \$ 390,062 \$ 412,564 \$ 345,730 \$ 322,725	\$ 417,6 \$ 403,1 \$ 495,4 \$ 558,4 \$ 552,3 \$ 584,1 \$ 489,5 \$ 456,5



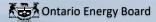
The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 transmission units

IESO		Network		Lin	ne Connection		Transfo	rmation Con	nection	Total Connection
	11.74 - 1270 - 1									
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	125,469 127,228	\$ 3.8300 \$ \$ 3.8300 \$	480,546 487,283	135,790 130,647	\$ 0.9600 \$ \$ 0.9600 \$	130,358 125,421	135,790 130,647	\$ 2.3000 \$ 2.3000	\$ 312,317 \$ 300,488	\$ 442,675 \$ 425,909
March	115,875	\$ 3.8300 \$		122,065	\$ 0.9600 \$		122,065		\$ 280,750	\$ 397,932
April	117,459	\$ 3.8300 \$	449,868	118,674	\$ 0.9600 \$	113,927	118,674	\$ 2.3000	\$ 272,950	\$ 386,877
May	123,295	\$ 3.8300 \$	472,220	144,431	\$ 0.9600 \$	138,654	144,431	\$ 2.3000	\$ 332,191	\$ 470,845
June	137,120 132,784	\$ 3.8300 \$ \$ 3.8300 \$		164,159 157,737	\$ 0.9600 \$ \$ 0.9600 \$	157,593 151,428	164,159	\$ 2.3000 \$ 2.3000	\$ 377,566	\$ 535,158 \$ 514,223
July August	126,428	\$ 3.8300 \$ \$ 3.8300 \$			\$ 0.9600 \$ \$ 0.9600 \$	150,780	157,737 157,062		\$ 362,795 \$ 361,243	\$ 514,223 \$ 512,022
September	137,337	\$ 3.8300 \$			\$ 0.9600 \$	159,382	166,023	\$ 2.3000	\$ 381,853	\$ 541,235
October	139,837	\$ 3.8300 \$	535,576	139,936	\$ 0.9600 \$	134,339	139,936	\$ 2.3000	\$ 321,853	\$ 456,191
November	126,832	\$ 3.8300 \$	485,767	129,553	\$ 0.9600 \$	124,371	129,553	\$ 2.3000 \$ 2.3000	\$ 297,972	\$ 422,343
December	139,790	\$ 3.8300 \$	535,396	158,567	\$ 0.9600 \$	152,224	158,567	\$ 2.3000	\$ 364,704	\$ 516,928
Total	1,549,454	\$ 3.83 \$	5,934,409	1,724,644	\$ 0.96 \$	1,655,658	1,724,644	\$ 2.30	\$ 3,966,681	\$ 5,622,339
Hydro One		Network		Lin	ne Connection	1	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	11,665 12,191	\$ 3.2915 \$ \$ 3.2915 \$	38,396 40,126	11,665 12,191	\$ 0.7877 \$ \$ 0.7877 \$	9,189 9,603	11,665 12,191	\$ 1.9755 \$ 1.9755	\$ 23,045 \$ 24,083	\$ 32,234 \$ 33,685
March	11,220	\$ 3.2915		11,220	\$ 0.7877 \$	8,838	11,220	\$ 1.9755	\$ 22,165	\$ 31,003
April	9,768	\$ 3.2915	32,152	9,768	\$ 0.7877 \$	7,694	9,768	\$ 1.9755	\$ 19,297	\$ 26,991
May	13,786	\$ 3.2915 \$	45,377	13,786	\$ 0.7877 \$	10,859	13,786	\$ 1.9755	\$ 27,234	\$ 38,094
June	13,793	\$ 3.2915 \$	45,400	13,793	\$ 0.7877 \$	10,865	13,793	\$ 1.9755	\$ 27,248	\$ 38,113
July	14,701	\$ 3.2915 \$		14,701	\$ 0.7877 \$	11,580	14,701	\$ 1.9755	\$ 29,042	\$ 40,622
August September	14,588 15,546	\$ 3.2915 \$ \$ 3.2915 \$		14,588 15,546	\$ 0.7877 \$ \$ 0.7877 \$	11,491 12,246	14,588 15,546	\$ 1.9755 \$ 1.9755	\$ 28,819 \$ 30,712	\$ 40,310 \$ 42,957
October		\$ 3.2915 \$			\$ 0.7877 \$	9.521	12,087	\$ 1.9755	\$ 23,878	\$ 42,957
November	12,530	\$ 3.2915 \$	41,243	12,530	\$ 0.7877 \$	9,870	12,530	\$ 1.9755	\$ 24,753	\$ 34,623
December	12,004	\$ 3.2915 \$	39,511		\$ 0.7877 \$	9,456	12,004		\$ 23,714	\$ 33,169
Total	153,880	\$ 3.29 \$	506,496	153,880	\$ 0.79 \$	121,211	153,880	\$ 1.98	\$ 303,990	\$ 425,201
Add Extra Host Here (I)		Network		Lin	ne Connection	1	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
WOILII	Offics Billed						Offics Billed			
January	-	\$ - \$			\$ - \$		-		\$ -	\$ -
February March	-	\$ - S			\$ - \$ \$ - \$	-		\$ - \$ -	\$ - \$ -	\$ - \$ -
April		\$ - 9			\$ - 5				\$ - \$ -	\$ -
May		\$ - 9	-	-	\$ - \$	-	-	\$ -	\$ -	\$ -
June		\$ - 9	-	-	\$ - \$	-	-	\$ -	\$ -	\$ -
July		\$ - 9	-	-	\$ - \$	-		\$ -	s -	\$ -
August		\$ - \$ \$ - \$		-	\$ - \$ \$ - \$				s -	\$ -
September October		\$ - 9			\$ - \$ \$ - \$	-		\$ - \$ -	\$ - \$ -	\$ - \$ -
November		\$ - \$			\$ - \$			\$ -	\$ -	\$ -
December		\$ - \$		-	\$ - \$	-	-	\$ -	\$ -	\$ -
Total		\$ - 9	,		S - S	,		s -	s -	\$ -
								-		
Add Extra Host Here (II)		Network			ne Connection	1		rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ - \$	-		\$ - \$	-		\$ -	s -	s -
February	-	\$ - 9			S - S	-		\$ -	\$ - \$ -	\$ -
March	-						-			\$ -
April May	-	\$ - 9		-	\$ - \$ \$ - \$	-			\$ - \$ -	\$ - \$ -
May June		\$ - 3			S - S		-		\$ - \$ -	\$ - \$ -
July		\$ - 9	-		\$ - \$	-	-	\$ -	\$ -	\$ -
August	-	\$ - 9	-		\$ - \$	-		\$ -	s -	s -
September	-	\$ - \$			\$ - \$		-		s -	s -
October November	-	\$ - S		-	\$ - \$ \$ - \$	-	-	\$ - \$ -	\$ - \$ -	\$ - \$ -
November December		\$ - 3			\$ - 3			\$ -	\$ - \$ -	\$ -
Total		\$ - \$	<u> </u>		\$ - \$			\$ -	\$ -	\$ -
Total		Network		Lin	ne Connection	1	Transfo	rmation Con	nection	Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	137,134 139,419	\$ 3.78 \$ \$ 3.78 \$	518,943 527,409	147,455 142,838	\$ 0.95 \$ \$ 0.95 \$	139,547 135.024	147,455 142,838	\$ 2.27 \$ 2.27	\$ 335,362 \$ 324,571	\$ 474,909 \$ 459,595
March						135,024	133.285			\$ 459,595 \$ 428,935
April	127,227	\$ 3.78 \$ \$ 3.79 \$	482.020	128,442	\$ 0.95 \$ \$ 0.95 \$	121,621	128,442	\$ 2.27 \$ 2.28	\$ 302,915 \$ 292,247	\$ 413,868
May	137,081	\$ 3.78 \$ \$ 3.78 \$			\$ 0.94 \$	149,513	158,217	\$ 2.27	\$ 359,426	\$ 508,939 \$ 573,272
June	150,913						177,952	\$ 2.27	\$ 359,426 \$ 404,814	
July	147,485	\$ 3.78 \$ \$ 3.77 \$	556,951	172,438	\$ 0.95 \$ \$ 0.95 \$	163,008	172,438	\$ 2.27 \$ 2.27	\$ 391,837 \$ 390,062	\$ 554,845 \$ 552,332
August September	141,016 152,883	\$ 3.77 \$ \$ 3.78 \$		171,650 181,569	\$ 0.95 \$ \$ 0.95 \$	162,271 171,628	171,650 181,569	\$ 2.27 \$ 2.27	\$ 390,062 \$ 412,564	\$ 552,332 \$ 584,192
October October	152,883 151,924	\$ 3.78 \$	577,171 575,360	152,023	\$ 0.95 \$	171,628	152,023		\$ 412,564 \$ 345,730	\$ 584,192 \$ 489,590
November	139,362	\$ 3.78	527,010	142,083	\$ 0.94 \$	134,241	142,083	\$ 2.27	\$ 322,725	\$ 456,966
December	454 704	\$ 3.79	574,907	170,571	\$ 0.95 \$	161,680	170.571	\$ 2.28	\$ 388,418	\$ 550,098
December	151,794	φ 3.79 q	,	170,571	ψ 0.00 ψ	,				
Total	. , .						1,878,524		\$ 4,270,671	
	1,703,334							\$ 2.27		\$ 6,047,541
	. , .					1,776,870		\$ 2.27	dit (if applicable)	



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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh	0.0067 0.0063 2.5158 2.6720 2.9586 0.0063 1.9069	269,953,149 106,695,319 2,144,996	0 0 543,963 279,319 486,459 0 1,303	1,808,686 672,181 1,368,502 746,340 1,439,238 13,513 2,485	29.8% 11.1% 22.5% 12.3% 23.7% 0.2% 0.0%	1,890,338 702,526 1,430,283 780,034 1,504,211 14,124 2,597	0.0070 0.0066 2.6294 2.7926 3.0922 0.0066 1.9930
Street Lighting Service Classification The purpose of this table is to re-align the current R	Retail Transmission Rate - Network Service Rate TS Connection Rates to recover current wholesale connection costs.	\$/kW	1.8973		10,173	19,301	0.3%	20,173	1.9830
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 51 To 999 kW Service Classification General Service 10,000 To 4,999 kW Service Classification Large Les Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kW	0.0064 0.0057 2.2673 2.4855 2.8423 0.0057 1.7895 1.7530	269,953,149 106,695,319 2,144,996	0 0 543,963 279,319 486,459 0 1,303 10,173	1,727,700 608,163 1,233,327 694,247 1,382,662 12,226 2,332 17,833	30.4% 10.7% 21.7% 12.2% 24.3% 0.2% 0.0% 0.3%	1,817,258 639,688 1,297,259 730,235 1,454,335 12,860 2,453 18,758	0.0067 0.0060 2.3848 2.6143 2.9896 0.0060 1.8823 1.8439
The purpose of this table is to update the re-aligned	RTS Network Rates to recover future wholesale network costs.								
Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 51 To 999 kW Service Classification General Service 10,000 To 4,999 kW Service Classification Large Luse Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kW	0.0070 0.0066 2.6294 2.7926 3.0922 0.0066 1.9930 1.9830	269,953,149 106,695,319 2,144,996	0 0 543,963 279,319 486,459 0 1,303 10,173	1,890,338 702,526 1,430,283 780,034 1,504,211 14,124 2,597 20,173	29.8% 11.1% 22.5% 12.3% 23.7% 0.2% 0.0% 0.3%	1,919,127 713,225 1,452,065 791,913 1,527,120 14,339 2,636 20,480	0.0071 0.0067 2.6694 2.8352 3.1393 0.0067 2.0233 2.0132
The purpose of this table is to update the re-aligned	RTS Connection Rates to recover future wholesale connection costs.		Adjusted					Forecast	Proposed
Rate Class	Rate Description	Unit	RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Wholesale Billing	RTSR- Connection
Residential Service Classification General Service Less Tima to NLW Service Classification General Service 1.00 To 980 kW Service Classification General Service 1.00 To 980 kW Service Classification Large Use Service Classification Unmetered Secutered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh	0.0067 0.0060 2.3848 2.6143 2.9896 0.0060 1.8823	269,953,149 106,695,319 2,144,996	0 0 543,963 279,319 486,459 0 1,303	1,817,258 639,688 1,297,259 730,235 1,454,335 12,860 2,453	30.4% 10.7% 21.7% 12.2% 24.3% 0.2% 0.0%	1,839,984 647,688 1,313,482 739,367 1,472,523 13,021 2,483	0.0068 0.0061 2.4147 2.6470 3.0270 0.0061 1.9058 1.8669

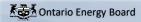


If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

Price Escalator	1.50%	Productivity Factor	0.00%
Choose Stretch Factor Group	Ш	Price Cap Index	1.20%
Associated Stretch Factor Value	0.30%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	32.21				1.20%	32.60	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	28.84		0.0201		1.20%	29.19	0.0203
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	154.06		4.477		1.20%	155.91	4.5307
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	3386.44		1.8264		1.20%	3,427.08	1.8483
LARGE USE SERVICE CLASSIFICATION	26499.73		1.9901		1.20%	26,817.73	2.0140
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	12.96		0.0352		1.20%	13.12	0.0356
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.17		27.5377		1.20%	4.22	27.8682
STREET LIGHTING SERVICE CLASSIFICATION	2.59		20.1407		1.20%	2.62	20.3824
microFIT SERVICE CLASSIFICATION	5.4					5.4	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.



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

Regulatory Charges

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

Time-of-Use RPP Prices

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

Smart Meter Entity Charge (SME)

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

Miscellaneous Service Charges

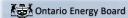
Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	43.63	1.50%	44.28

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

^{*} inflation factor subject to change pending OEB approved inflation rate effective in 2020

** applicable only to LDCs in which the province-wide pole attachment charge applies

*** subject to change pending OEB order on miscellaneous service charges



In the Green Cells below, enter all proposed rate riders/rates. Please note that the following rates/charges are to be entered in the Final Tariff Schedule tab: Monthly Service Charge, Distribution Volumetric Rate and Retail Transmission Rates.
In column A, select the rate rider descriptions from the drop-down list in the blue cells. If the rate description cannot be found, enter the rate rider descriptions in the green cells. The rate rider description must begin with 'Rate Rider for'.'
In column B, choose the associated unit from the drop-down menu.
In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.
In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).
In column G, a sub-total (A or B) should already be assigned to the rate rider unless the rate description was entered into a green cell in column A. In these particular cases, from the dropdown list in column G, choose the appropriate sub-total (A or B). Sub-Total A refers to rates/rate riders that are considered bass through costs.

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

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

4) GA Analysis Workform



Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	
Utility Name	BLUEWATER POWER DISTRIBUTION CORPORATION

Please select "Yes" in column D for any year being requested for disposition

	4 No
	5 No
	6 No
	7 No
201	8 Yes

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

							Unresolved
							Difference as %
				Adjusted Net Change in			of Expected GA
		Net Change in Principal		Principal Balance in the	Unresolved	\$ Consumption at	Payments to
Year	Annual Net Change in Expected GA Balance from GA Analysis	Balance in the GL	Reconciling Items	GL	Difference	Actual Rate Paid	IESO
2018	\$ (262,519)	\$ (461,783)	\$ 296,150	\$ (165,632)	\$ 96,887	\$ 17,572,316	0.6%
Cumulative Balance	\$ (262,519)	\$ (461,783)	\$ 296,150	\$ (165,632)	\$ 96,887	\$ 17,572,316	N/A

® Ontario Energy Board	
GA Analysis Workform	

Note 2	Consumption Data Excluding for Loss Factor (Data to a	gree with RRR as applicable)			
	Year		2018		
	Total Metered excluding WMP	C = A+B	875,483,772	kWh	100%
	RPP	A	382,526,578	kWh	43.7%
		B = D+E	492,957,194	kWh	56.3%
	Non-RPP Class A	D	308,027,905	kWh	35.2%

Please confirm that the above RRR data is accurate Confirmed

Note 3 <u>GA Billing Rate</u> GA is billed on the

1st Estimate Please note that the GS 1000-4999 kW, and Streetlight rate classes are charged Actual GA rate as noted in Columns D&E below.

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

Yes

Note 4 Analysis of Expected GA Amount

Year	2018														
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	GS 1000-4999 kW Rate Class on Actual GA rate (excl Class A)	Streetlighting Rate Class on Actual GA Rate	Total kWh charged Actual GA rate	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) -1st estimate	\$ Consumption at GA Rate Billed - 1st estimate	GA Rate Billed (\$/kWh) - Actual Rate	\$ Consumption at Actual GA Rate	\$ TOTAL Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	
	F	G	н	I = G+H	J	к	L=F-I	м	N=L*M	0	P=O*I	Q=N+P	R	S=R*(I+L)	T#S-Q
January	18,010,711	860,642	416,648	1,277,290			16,733,421	0.08777	\$ 1,468,692	0.06736	\$ 86,038	\$ 1,554,731	0.06736	\$ 1,213,202	2 \$ (341,529)
February	15,992,515	1,000,496	342,171	1,342,668			14,649,847	0.07333		0.08167		\$ 1,183,929	0.08167		
March	16,743,596	1,004,085	330,513	1,334,598			15,408,998	0.07877		0.09481		\$ 1,340,300	0.09481		
April	15,407,118	892,780	280,292	1,173,072			14,234,046	0.09810	\$ 1,396,360	0.09959	\$ 116,826	\$ 1,513,186	0.09959	\$ 1,534,395	5 \$ 21,209
May	16,063,439	1,033,146	255,326	1,288,472			14,774,967	0.09392		0.10793		\$ 1,526,730	0.10793		
June	15,599,867	1,015,599	230,444	1,246,043			14,353,824	0.13336	\$ 1,914,226	0.11896	\$ 148,229	\$ 2,062,455	0.11896	\$ 1,855,760	\$ (206,695)
July	16,756,798	191,308	248,870	440,178			16,316,620	0.08502		0.07737		\$ 1,421,296	0.07737		3 \$ (124,822)
August	17,495,101	141,974	279,442	421,416			17,073,685	0.07790		0.07490		\$ 1,361,604	0.07490		
September	15,468,973	117,120	318,660	435,780			15,033,193	0.08424	\$ 1,266,396	0.08584	\$ 37,407	\$ 1,303,804	0.08584	\$ 1,327,857	7 \$ 24,053
October	14,865,868	276,057	358,236	634,293			14,231,575	0.08921		0.12059			0.12059		
November	15,098,399	305,554	369,262	674,816			14,423,584	0.12235	\$ 1,764,725	0.09855	\$ 66,503	\$ 1,831,229	0.09855	\$ 1,487,947	7 \$ (343,281)
December	15,212,429	154,485	389,242	543,728			14,668,701	0.09198	\$ 1,349,227	0.07404	\$ 40,258	\$ 1,389,485	0.07404	\$ 1,126,328	3 \$ (263,157)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	192,714,814	6,993,247	3,819,107	10,812,353		-	181,902,461		\$ 16,822,210		\$ 1,012,626	\$ 17,834,835		\$ 17,572,316	\$ (262,519)

Calculated Loss Factor 1.0421

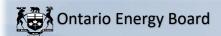
Note 5 Reconciling Item	ŝ
-------------------------	---

ltem	Amount	Explanation		Principal Adjustment	
			Principal	If "no", please	\$ Principal
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)			Adjustment on DVA	provide an	Adjustment on DV
	\$ (461,783)		Continuity Schedule	explanation	Continuity Schedu
True-up of GA Charges based on Actual Non-RPP					
1a Volumes - prior year					
True-up of GA Charges based on Actual Non-RPP					
1b Volumes - current year					
Remove prior year end unbilled to actual revenue					
2a 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					
Dis section from long terminose transfers				These dollars were	
				invoiced in 2018 but	
Add difference between current year accrual/forecast to				the kWh pertained to	
3b actual from long term load transfers	e 44 E0E	LTLT expense adjustment, charged by Hydro One	No	the prior period.	
30 Jacidal Hottl long term load transfers	-3 44,050	ETE Coperac addament, charged by Hydro One	INO	These dollars were	
				invoiced in 2018 but	
Add difference between current year accrual/forecast to				the kWh pertained to	
3c actual from long term load transfers	e 22 ene	LTLT revenue adjustment, billed by Bluewater Power	No	the prior period.	
30 actual from long term load transfers	3 22,090	ETET revenue aufosmient, bineu by bioewater Fower	INO	tile prior periou.	
4 Remove GA balances pertaining to Class A customers					
Significant prior period billing adjustments recorded in					
5 current year					
Differences in GA IESO posted rate and rate charged on					
6 IESO invoice					
				This is a theoretical	
				value assuming a	
		Actual loss factor for 2018 calculated to be 1.0444 vs 1.0421 approved. Thus resulting billed kWh would have		different loss factor	
7 Differences in actual system losses and billed TLFs	\$ (123,942)	been higher which would have increased revenue to be closer to cost.	No	was used.	
8 Others as justified by distributor					
o pomera na juanna a sy diaditodol				This is a theoretical	
				value to reflect what	
				unhilled would have	
				heen but should not	
				be reflected in the	
	8 441 001	what 2018 unbilled revenue difference would have been using new query results.	No	DVA schedule	
10	9 441,991	what 2010 unblied revenue unierence would have been using new query results.	IND	DVA schedule.	
10			Adiustments on DVA C		

1	0			
Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	(165,632)	
	Analysis	s	(262.519)	
	Unresolved Difference Unresolved Difference as % of Expected GA Payments	s	96,887	
	to IESO		0.6%	

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

5) LRAMVA Workform



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 4.0 (2020)

Generic LRAMVA Work Forms

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

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

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



LRAMVA Work Form: Instructions

Version 4.0 (2020)

LRAMVA Checklist/Schematic Tab but hav o Highl o Inclue o Provi recent I o Inclue o Apply Report. o Provi applical	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. 2019 and 2020 related components) ave been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below: a phight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. Situde any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. Davide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most not load forecast was approved. Situde a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. Ply 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 at. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.
o Inclu o Provi recent I o Inclu o Apply Report. o Provi applical	clude any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. boxide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most not load forecast was approved. clude a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. ply 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 ort. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. boxide 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
o Provi recent I o Inclu o Apply Report. o Provi applical	by 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 ort. The 2015 savings adjustments should be included in the 2015 verified savings projects), as sovide 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
recent I o Includ o Apply Report. o Provi applical	It load forecast was approved. It loads from the IESO. It loads from the IESO werified 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 out. It loads forecast was approved. It loads from the IESO is verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as
o Apply Report. o Provi applical	ply 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 ort. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.
Report. o Provi applical	ort. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. Device 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
applical	
o Provi	
	ovide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
	butors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new evenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes Distribu	butors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
	butors 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 ce application.
Tab 3. Distribution Rates Distribu	butors should complete the tables with rate class specific distribution rates and adjustments as applicable.
	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 The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020) Distribu	butors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:
	put 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 able upon request from the IESO.
	nsure 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 in 2013 should be included in the 2012 program savings table.
	onfirm 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 nighlight the new monthly multiplier that has been used.
	put 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 orting rationale in Tab 1-a and highlight the change.
	rovide 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 s, as appropriate.
	butors 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 ral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying jes.
	istence 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 stence report.
Tab 8. Streetlighting A tab is	is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



LRAMVA Work Form: Checklist and Schematic

Version 4.0 (2020)

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., 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. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO spart of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

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

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

Legend	Drop Down List (Blue)	
Important Checklist		
Yes	o Highlight changes to this work form made by the LDC, if ar	y, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make it	n its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by provi	ding the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings inform	ation that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it	elates to.
Not Applicable	o Provide documentation or data substantiating savings from	projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocated	ations 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).	
+/- 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).	
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA (\$) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges (\$) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA (\$) by Rate Class	Tab "1. LRAMVA Summary"			

LRAMVA Work Form: Summary Tab

Version 4.0 (202)

C. Documentation of Changes

Amount for Final Disposition

Original Amount

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

LDC Name

Bluewater Power Distribution Corporation

Annlication Details

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

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)

Application of Previous LRAMVA Claim

Period of LRAMVA Claimed in Previous Application

Amount of LRAMVA Claimed in Previous Application

\$ 420,015.87

B. Current LRAMVA Application

 Current LRAMVA Application (EB#)
 EB-2019-0021

 Application of Current LRAMVA Claim
 2020 IRM Application

 Period of New LRAMVA in this Application
 2018

 Period of Rate Recovery (# years)
 1

Actual Lost Revenues (\$)	A	\$ 419,183
Forecast Lost Revenues (\$)	В	\$ 73,023
Carrying Charges (\$)	С	\$ 13,468
LRAMVA (\$) for Account 1568	A-B+C	\$ 359,628

Table 1-a. LRAMVA Totals by Rate Class

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

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$90,406	\$3,517	\$93,924
3S<50 kW	kWh	\$49,535	\$1,927	\$51,463
General Service 50 - 999 kW	kW	\$206,014	\$8,015	\$214,029
General Service 1,000 - 4,999 kW	kW	\$3,020	\$117	\$3,137
Sentinel Lighting	kW	-\$81	-\$3	-\$85
Street Lighting	kW	-\$873	-\$34	-\$907
Inmetered Scattered Load	kWh	-\$1,245	-\$48	-\$1,293
arge Use	kW	-\$616	-\$24	-\$640
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$346,160	\$13,468	\$359,628

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

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

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the 'Amount Cleared' rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, released 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 of 1-below. LDCs are expected in only and projected carrying charges amounts in row 84 of Table of 1-below. LDCs are expected in only and projected carrying charges amounts in row 84 of Table of 1-below. LDCs are expected in only and project only and project of 1-below. LDCs are expected in only and project only and applications are applicable to the carrying charges amounts in row 84 of Table or 1-below. LDCs are expected in only and project on the case, and the case of 1-below. LDCs are expected in only and applications are applicable to the case, and the case of 1-below. LDCs are expected in only applicable to the case, and the case of 1-below. LDCs are expected to leave those applicable to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected to include in the LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected as a possible to the case, and the case of 1-below. LDCs are expected as a

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
		kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	
Amount Cleared	621															
2018 Actuals		\$122,041.96	\$81,249.13	\$210,980.14	\$4,112.10	\$0.00	\$0.00	\$0.00	\$799.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$419,183.15
2018 Forecast		(\$31,635.81)	(\$31,713.76)	(\$4,966.45)	(\$1,092.18)	(\$81.39)	(\$873.08)	(\$1,244.93)	(\$1,415.63)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$73,023.22)
Amount Cleared																
Carrying Charges		\$3,517.36	\$1,927.24	\$8,015.22	\$117.49	(\$3.17)	(\$33.97)	(\$48.44)	(\$23.96)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,467.78
Total LRAMVA Balance		\$93,924	\$51,463	\$214,029	\$3,137	-\$85	-\$907	-\$1,293	-\$640	\$0	\$0	\$0	\$0	\$0	\$0	\$359,628

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



LRAMVA Work Form: Summary of Changes

Version 4.0 (2020)

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

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

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

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

Table A-2. Updates to LRAMVA Disposition

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

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

LRAMVA Work Form: Forecast Lost Revenues

Version 4.0 (2020)

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

Table 2-a. LRAMVA Threshold

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

	Total	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use						
		kWh	kWh	kW	kW	kW	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	16,150,633	4,162,607	1,601,705	3,612,342	2,550,308	10,058	146,427	35,877	4,031,309						
kW	2,502			1126	607	3	44		722						
•															
Summary		4162607	1601705	1126	607	3	44	35877	722	0	0	0	0	0	0

Source of Threshold

Years Included in Threshold Proportionate share of total load (weather normalized) EB-2012-0107 Settlement Agreement, p.25

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 24. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use						
		kWh	kWh	kW	kW	kW	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Table 3-a and 5-of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use						
		kWh	kWh	kW	kW	kW	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0
2014	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0
2015	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0
2016	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0
2017	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0
2018	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0

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



LRAMVA Work Form: Distribution Rates

Version 4.0 (2020)

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-XXXX	EB-2010-0065	EB-2011-0153	EB-2012-0107	EB-2013-0112	EB-2014-0057	EB-2015-0053	EB-2016-0057	EB-2017-0027	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)					4	4	4	4	4	4			
Period 2 (# months)		12	12	12	8	8	8	8	8	8	12	12	12
Residential			\$ 0.0186	\$ 0.0188	\$ 0.0211	\$ 0.0214	\$ 0.0217	\$ 0.0166	\$ 0.0113	\$ 0.0058			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		\$ -	\$ 0.0186								\$ -	\$ -	
Calendar year equivalent			\$ 0.0186	\$ 0.0188	\$ 0.0203	\$ 0.0213	\$ 0.0216	\$ 0.0183	\$ 0.0131	\$ 0.0076	\$ -	\$ -	
GS<50 kW			\$ 0.0169	\$ 0.0166	\$ 0.0186	\$ 0.0189	\$ 0.0191	\$ 0.0194	\$ 0.0197	\$ 0.0199			
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		\$ -	\$ 0.0169									\$ -	
Calendar year equivalent			\$ 0.0169	\$ 0.0166	\$ 0.0179	\$ 0.0188	\$ 0.0190	\$ 0.0193	\$ 0.0196	\$ 0.0198	\$ -	\$ -	
General Service 50 - 999 kW	_		\$ 3.5306	\$ 3.5617	\$ 4.1269	\$ 4.1847	\$ 4.2391	\$ 4.3154	\$ 4.3844	\$ 4.4239			
Rate rider for tax sharing Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ -	\$ 3.5306	\$ 3.5617	\$ 4.1269	\$ 4.1847	\$ 4.2391	\$ 4.3154	\$ 4.3844	\$ 4.4239	\$ -	\$ -	
Calendar year equivalent			\$ 3.5306	\$ 3.5617	\$ 3.9385	\$ 4.1654	\$ 4.2210	\$ 4.2900	\$ 4.3614	\$ 4.4107	\$ -	\$ -	
General Service 1,000 - 4,999 kW			\$ 1.2678	\$ 1.2790	\$ 1.6835	\$ 1.7071	\$ 1.7293	\$ 1.7604	\$ 1.7886	\$ 1.8047			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ -	\$ 1.2678									\$ -	
Calendar year equivalent			\$ 1.2678	\$ 1.2790	\$ 1.5487	\$ 1.6992	\$ 1.7219	\$ 1.7500	\$ 1.7792	\$ 1.7993	\$ -	\$ -	
Sentinel Lighting			\$ 18.9859	\$ 22.6299	\$ 25.3845	\$ 25.7399	\$ 26.0745	\$ 26.5438	\$ 26.9685	\$ 27.2112			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ -	\$ 18.9859				\$ 26.0745			\$ 27.2112		\$ -	
Calendar year equivalent			\$ 18.9859	\$ 22.6299	\$ 24.4663	\$ 25.6214	\$ 25.9630	\$ 26.3874	\$ 26.8269	\$ 27.1303	\$ -	\$ -	
Street Lighting Rate rider for tax sharing	-		\$ 14.4684	\$ 16.5512	\$ 18.5659	\$ 18.8258	\$ 19.0705	\$ 19.4138	\$ 19.7244	\$ 19.9019			
Rate rider for foregone revenue	kW												
Other		\$ -	6 44 1001	6 40.5510	£ 40.5050	£ 40.0050	6 40.0705	£ 40.4100	£ 40.7011	\$ 19,9019	•	•	
Adjusted rate Calendar year equivalent		\$ -	\$ 14.4684 \$ 14.4684									\$ - \$ -	
Unmetered Scattered Load			\$ 0.0396	\$ 0.0426	\$ 0.0325	\$ 0.0330	\$ 0.0334	\$ 0.0340	\$ 0.0345	\$ 0.0348			
Rate rider for tax sharing			y 0.0396	0.0426	Ψ 0.0325	φ 0.0330	φ 0.0334	φ 0.0340	φ 0.0345	φ 0.0348			
Rate rider for foregone revenue Other	kWh												
Adjusted rate		\$ -	\$ 0.0396	\$ 0.0426	\$ 0.0325	\$ 0.0330	\$ 0.0334	\$ 0.0340	\$ 0.0345	\$ 0.0348	\$ -	\$ -	
Calendar year equivalent			\$ 0.0396									\$ -	
Large Use			\$ 1.4742	\$ 1.4610	\$ 1.8345	\$ 1.8602	\$ 1.8844	\$ 1.9183	\$ 1.9490	\$ 1.9665			
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		\$ -	\$ 1.4742							\$ 1.9665		\$ -	
Calendar year equivalent			\$ 1,4742	\$ 1.4610	\$ 1.7100	\$ 1.8516	\$ 1.8763	\$ 1.9070	\$ 1.9388	\$ 1.9607	\$ -	s -	

3. Distribution Rates Page 1

_		7																				
				-		-																
ate rider for tax sharing	_																					
ate rider for foregone revenue	0																					
Other																						
Adjusted rate		\$ -	\$ -	\$	-			\$	-	\$	-	\$	-	\$	-		-	\$	-		-	
Calendar year equivalent			\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Rate rider for tax sharing																						
ate rider for foregone revenue	0																					
ther																						
djusted rate		\$ -	\$ -	\$	-		-	\$ \$	-	\$	-	\$	-	\$	-	\$	-	\$	-		-	
alendar year equivalent			\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
ate rider for tax sharing																						
ate rider for foregone revenue	0																					
Other																						
djusted rate		\$ -	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
alendar year equivalent			\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
, ,																						
ate rider for tax sharing																						
ate rider for foregone revenue	0																					
Other																						
Adjusted rate		\$ -	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
alendar year equivalent			\$ •	\$	-	\$	•	\$	•	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
ate rider for tax sharing																						
ate rider for foregone revenue	0																					
	0																					
Other	0	\$ -	\$ -	\$	-	s	-	S	-	S	-	\$	-	\$	-	\$	-	\$	-	\$	-	
ther djusted rate	0	\$ -	\$ -	\$ \$	-	\$	-	\$ \$	-	\$ \$	-	\$ \$	-	\$ \$	-	\$ \$	-	\$ \$	-	\$ \$	-	
ither djusted rate alendar year equivalent	0	\$ -	-		-	\$	-	\$	-	\$	-	\$ \$	•	\$	-	\$ \$	-	\$ \$	-			
ither djusted rate alendar year equivalent		\$ -	-		-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
ither djusted rate djusted rate alaendar year equivalent tate rider for tax sharing ate rider for foregone revenue	0	\$ -	-			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			****************
ther djusted rate alendar year equivalent ate rider for tax sharing ate rider for foregone revenue		\$ -	-			\$ \$	_	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
tate rider for foregone revenue Dither Idjusted rate Lalendar year equivalent Late rider for tax sharing Late rider for foregone revenue Lither Lither Liddiusted rate			-		-	\$	-	\$ \$	-	\$	-	\$ \$		\$ \$	-	\$ \$	-	\$ \$	-	\$		

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

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the 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		General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use						
	kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0
2011									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
2012									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
2013									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
2014									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2015									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2016									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2017									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2018	\$0.0076	\$0.0198	\$4.4107	\$1.7993	\$27.1303	\$19.8427	\$0.0347	\$1.9607	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00

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



LRAMVA Work Form: Determination of Rate Class Allocations

Version 4.0 (2020)

Instruction

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.

ERII 2018

2018	GS<50 kW	GS>50 kWh	Intermediate	Streetlight
ERII kWh	6.32%	76.35%	7.37%	9.96%
ERII kW	7.75%	90.19%	2.07%	0%

	TOT	AL	GS<	50	GS>5	0	Interm	ediate	Streetlighting	
Customer	<u>kWh</u>	kW	kWh	kW	kWh	kW	kWh	kW	kwh	kw
1		0.7	678.8	0.7						
2		3.4	8,550.0	3.4						
3		3.2	14,838.6	3.2						
4		1.9	31,788.9	1.9						
5		3.2	14,700.8	3.2						
6		45.8			291,831.0	45.8				
7		0.9	545.0	0.9	222,002.0					
		2.3	545.0	0.5	18,460.0	2.3				
9		2.8	14,940.7	2.8	20,100.0					
10		6.3	14,540.7	2.0			49,960.8	6.3		
11		9.6					46,408.5	9.6		
12		0.6	2,630.9	0.6			40,408.3	3.0		
13		75.9	2,030.3	0.0	372,649.7	75.9				
14		0.0			64,386.0	0.0				
15		0.6	2,572.6	0.6	04,360.0	0.0				
16		0.0	2,372.0	0.0	352,590.0	0.0				
17		1.4	44.435.5		964.6	1.4				
18		2.0	11,420.5	2.0	 					
19		0.9	4,073.0	0.9						
20		0.7	3,177.2	0.7						
21		38.8			168,411.0	38.8				
22		0.0			163,233.0	0.0				
23		0.5	2,293.3	0.5						
24		11.7			79,941.2	11.7				
25		9.3	32,176.4	9.3						
26		3.3	19,894.7	3.3						
27		0.6			524.5	0.6				
28		0.8	3,583.3	0.8						
29		0.0	4,872.0	0.0						
30		4.7	15,610.0	4.7						
31		4.4			3,280.0	4.4				
32		1.0	4,184.4	1.0						
33		0.0	72,693.2	0.0						
34	6,557.4	1.7	6,557.4	1.7						
35	6,720.0	0.0	6,720.0	0.0						
36		53.5			245,687.1	53.5				
37	75,904.2	11.2			75,904.2	11.2				
38	18,417.4	2.5	18,417.4	2.5						
39	80,178.4	21.0			80,178.4	21.0				
40	8,778.0	0.0			8,778.0	0.0				
41	27,697.0	1.3			27,697.0	1.3				
42		0.0					364,290.0	0.0		
43		1.0	9,238.4	1.0						
44		1.1	5,160.0	1.1						
45		29.3			89,667.0	29.3				
46		0.7			5,003.8	0.7				
47		2.9	14,354.2	2.9	2,223.0	3.7				
48		0.0	5,040.0	0.0						
49		2.9	2,2 .0.0	0.0	47,175.8	2.9				
50		125.5			593.370.2	125.5				
51		0.0	2,571.0	0.0	1,752.0	0.0				
52		3.1	14,099.5	3.1	2,7.52.0	3.0				
53		4.6	14,033.3	3.1	519,917.1	4.6			621,982.2	
54		4.0			17,856.9	4.0			021,302.2	-
55		46.6			266,808.1	46.6				
			2.001.0		200,008.1	40.0				
56		0.4	2,901.9	0.4						
57		0.0	14,422.8	0.0						
58		3.8	17,607.9	3.8						
59		2.7	12,314.7	2.7						
60		209.9			1,260,241.4	209.9				
61	13,782.0	3.0			13,782.0	3.0				
Total	6,247,361.0	770.1	394,629.4	59.7	4,770,090.1	694.5	460,659.3	15.9	621,982.2	

Small Business Lighting 2018

	GS<50	GEN>50
kWh	41%	59%
kW	44%	56%

			GS-	<50	GEN	l>50
Customer	kWh	<u>kW</u>	kWh	kW	kWh	kW
1	15,062.7	2.9	15,062.7	2.9		
2	6,201.0	2.1	6,201.0	2.1		
3	617.4	0.2			617.4	0.2
4	23,761.3	5.4			23,761.3	5.4
5	22,582.1	3.6			22,582.1	3.6
6	11,392.9	2.1	11,392.9	2.1		
Total	79,617.4	16.2	32,656.7	7.0	46,960.8	9.1



LRAMVA Work Form: 2011 - 2014 Lost Revenues Work Form

Marriag 4.0 (202

Legend

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

Instructions

1. LDCs can apply for disposition of LRAMN amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMN work forms apply to LDCs that need to recover lost revenues from the 2011-2011 period. Please rout or manually link the savings, adjustments and propages assings persistence dain in these tables from the LDCs. Presistence Reports provided by the ESO (in Tab 7). An noted earlier, presistence data is available upon require from the ESD. Presistence Savin be builded to the same time dates let (or build are decired from the ESD. Presistence savings and the savings of the same time dates let (or build are decired from the ESD. Presistence Reports provided by the ESO (in Tab 7). An noted earlier, presistence data is available upon requirements.

2. Please ensure that the LESO 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 ESO in 2013 should be included in the 2012 programs aways table. In order for pensisting savings to be claimed in future years, post year's initiative level savings results need to be filled out in the tables below. If the LESO adjustments were made available to the LDC after the LDCAMIAN away approved, the pensistence of the savings adjustments in the future can be cleared as approved LDMAN awards as procred LDMAN awards as proved LDMAN awards as provided by the LDCAMIAN assumptions as provided by the LDCAMIAN awards are considered to be final.

Loweview was approxime, the presentance of incide standing adjustments in the future can be carried as approximent Lowevier, and proximent are considered to the Proximent Lowevier and the CEB's updated LPAM policy related to peak demand casegos in EB-2016 CHIE. Demand Response (DRI) passing should generally not be included with the LPAMMA calculation, unless supported by empirical evidence. LDPs are requested to confirm the mornityly multipliens for all programs entity uses a placeholder with season provided. If a different confirm the mornityly multipliens for all programs entity uses a placeholder without personal frequence incoming multipliens to all programs entity uses a placeholder without personal frequence incoming multipliens to all programs entity uses a placeholder without personal frequence in Table 1 and highlight for ever multiplier that be not 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 LRAM/A 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 Revenue Table 4-b. 2012 Lost Revenue Table 4-c. 2013 Lost Revenue

Table 4-a. 2011 Lost Revenues Work Form		Net Ene	gy					_					Net	Demand	_						_															
Program	Results	Savings (Wh)			Net En	ergy Savin	gs Persist	itence (kW	h)		Month	hly	ings (kW)			Net Pea	k Demand	Savings Per	rsistence (k1	W)								Rate Alloc	ations for LRA	MVA					
	Status	2011	20	012 2	2013	2014	2015	2016	2017	2018	2019 202	0 Multipl	blier	2011	2012	2013	2014	2015	2016	2017 20	2018 20	019 2020	Residential	GS<50 kW			Sentinel Lighting	Street Lighting	Scattered Load	Large Use						
nsumer Program pliance Retirement justment to 2011 savings	Verified True-up	288,76	2 288	8,762 28	88,762 28	87,550	200,473	0	0	0	0 0			41	41	41	40	26	0	0	0 '	0 0	kWh 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%
liance Exchange ustment to 2011 savings	Verified True-up	3,826	3,	826 3	8,826 1	1,957	0	0	0	0	0 0			3	3	3	1	0	0	0	0 (0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
IC Incentives ustment to 2011 savings	Verified True-up	748,42 -86,28	745 3 -86	8,429 74 5,283 +8	18,429 74 16,283 -8	48,429 86,283	748,429 -86,283	748,429 -86,283	748,429 -86,283	748,429 -86,283	748,429 748,4 -86,283 -86,2	129 183		405 -46	405 -46	405 -46	405 -46	405 -46	405 -46	405 4 -46 -	405 41 -46 -4	405 406 -46 -46	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%
servation Instant Coupon Booklet ustment to 2011 savings	Verified True-up	121,76	121	1,767 12 ,781 1	1,767 12	21,767 1,781	111,968	101,262	79,063 998	78,556 997	99,061 37,5 997 35	16		7	7	7	7	7	7	6	5 0	6 4 0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
nnual Retailer Event istment to 2011 savings	Verified True-up	189,85 14,10	189	9,856 18 1,106 1	89,856 18 4,106 1	89,856 14,106	173,514 14,106	155,662 12,818	117,359 6,920	116,931 6,919	151,125 48,4 6,919 1,52	95 26		11	11	11 1	11	10	9	8	7 !	9 4 0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ailer Co-op ustment to 2011 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
idential Demand Response estment 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%
idential Demand Response (IHD) estment 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%
idential New Construction ustment to 2011 savings	Verified True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
siness Program trofit justment to 2011 savings	Verified True-up	325,70 118,88	3 32!	5,703 32	25,703 30	25,703	325,703	325,703	325,703	325,703	210,011 210,0 727 72	011 12 7 12		57 14	57	57 14	57 14	57			57 3	31 31 0 0	0.00%	11.00% 11.00%	89.00% 89.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
stment to 2011 savings at Install Lighting stment to 2011 savings	Verified True-up	238,08 25,70	4 237	7.601 : 23	37.601 20	05.599	205.005	204.888	30.465	30.465	30,465 30,4 3,336 3,33	65 12		92	91	91	80	80	80	11 1	11 1	11 11	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ling Commissioning stment 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%
Construction stment to 2011 savings	Verified True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
gy Audit streent to 2011 savings	Verified True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Commercial Demand Response	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%
Il Commercial Demand Response (IHD)	Verified																																			
stment to 2011 savings and Response 3	True-up Verified	15.69		0	0	0	0	0	0	0	0 0			402									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
strial Program	True-up																						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%
ess & System Upgrades stment 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%
toring & Targeting stment 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%
gy Manager stment 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%
ofit streent to 2011 savings	Verified True-up	156,00		6,003 15	6,003 15	56,003	156,003	156,003	156,003		156,003 156,0	12		23	23	23	23	23	23	23			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%
and Response 3 stment to 2011 savings	Verified True-up	98,93		0	0	0	0	0	0	0	0 0			1,686	0	0	0	0	0	0	0 (0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
te Assistance Program e Assistance Program stment 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%
riginal Program e Assistance Program	Verified																																			
stment to 2011 savings at Install Lighting	True-up Verified											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
stment 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%
icity Retrofit Incentive Program tment to 2011 savings	Verified True-up											12		432	432	432	432	432				432 432	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%
Performance New Construction tment to 2011 savings	Verified True-up	3,379	3,	3/9 3	5,3/9 3	3,379	3,379	3,379	3,379	3,379	3,379 3,36	ng 12		1		1	1	1	1	1		1 1	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%
to Comprehensive tment 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%
amily Energy Efficiency Rebates tment to 2011 savings	Verified True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Custom Programs tment to 2011 savings	Verified True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ram Enabled Savings stment to 2011 savings	Verified True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
of Use Savings	Verified											0																								

4. 2015-2014 (BAM

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%	
LDC Pilots Verified Adjustment to 2011 savings True-up			12																		0%
Adjustment to 2011 savings True-up		1	 12			I	 0.00%	0.00%	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 5,387,:	78			3,139			1,282,244	312,689	6,235	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2011		 l	 		 		 0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011							\$0.00000 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$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 \$0.00
2011 Savings Persisting in 2012 2011 Savings Persisting in 2013 2011 Savings Persisting in 2014 2011 Savings Persisting in 2014 2011 Savings Persisting in 2016 2011 Savings Persisting in 2016 2011 Savings Persisting in 2017 2011 Savings Persisting in 2018 2011 Savings Persisting in 2018							1,282,244 1,282,244 1,279,163 1,163,988 933,515 866,487 865,549 920,248	312,206 312,206 278,164 277,569 277,336 81,682 69,708 56,982	6,235 6,235 6,234 6,234 6,234 6,222 6,088 5,801	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

Selection of the select	011 Savings Persisting in 2016 011 Savings Persisting in 2017 011 Savings Persisting in 2018			933,515 866,487 865,549	277,336 81,682 69,708	6,234 6,222 6,088	0 0	0	0 0 0	0	0	0	0	0	0	0	0	
Set Properties (1988) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 Savings Persisting in 2019 11 Savings Persisting in 2020	and a bassa		920,248 750,037	56,982 56,982	5,801 5,801	0	0	0	0	0	0	0	0	0	0	0	
The section of the se		n	form to time															
Part		Results									ations for LRA	MVA						
See the section of th	Program	Status	2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 Multiplier 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 R	esidential	GS<50 kW	Seneral Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered	Large Use							To
Fig. 1. The content of the content o	insumer Program pliance Retirement	Verified	160,470 160,470 158,727 94,922 0 : 0 0 0 : 0 24 24 24 22 12 0 0 0 0 0 0	kWh 100.00%			KW	KW	kW	kWh	kW	0	0	0	0	0	0	10
									0.00%									10
The section of the content of the co	AC Incentives	Verified	351,058 351,058	100.00%	0.00%				0.00%									1
	senation Instant Coupon Booklet																	1
Control of the cont	Innual Retailer Event			100.00%								0.0070	0.00%					1
Selection of the content of the cont	ustment to 2012 savings								0.00%									
The section of the se				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
See the series of the section of the	justment to 2012 savings			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Set Property of the property o	ustment to 2012 savings				0.00%	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
The section of the se	ustment to 2012 savings		962 965 965 965 965 965 965 965 965 965 965		0.00%	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
THE PROPERTY OF THE PROPERTY O	iness Program ofit estment to 2012 savings	Verified True-up	1.431.943 1.449.830 1.449.830 1.444.204	0.00%	11% 11.00%	89% 89.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	- 1
The state of the s	ect Install Lighting			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%	
Separation of the second of th	Iding Commissioning ustment 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%	
The content of the co	Construction	Verified	12	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
This is the control of the control	-		12 12															
Control Property Control Pro	all Commercial Demand Response			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
March Part	-																	
Set Provided Control C				0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The standard		Verified True-up	2.211	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%	
The standard	ustrial Program cess & System Upgrades ustment 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%	
The section of the contribution of the contrib	nitoring & Targeting	Verified	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%	
The series of th	ergy Manager justment to 2012 savings	Verified True-up	8,280 8,280 8,280 8,280 8,280 8,280 8,280 8,280 8,280 8,280 8,280 8,280 12 10 10 10 10 10 10 10 10 10 10 10 10	0.00%	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%	- 1
The section of the se			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%	
**************************************			45,885 0 0 0 0 0 0 0 0 0 0 1,933 0 0 0 0 0 0 0 0	0.00%					0.00%			0.00%	0.00%	0.00%				1
Part 1986	me Assistance Program		NV.	0.00%														1
Variety Vari		True-up	20/01 20/01	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%	
The contract proper pro	original Program me Assistance Program justment 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%	
Public	ect Install Lighting	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%	
Potentiary Pot	e-2011 Programs completed in 2011 ectricity Retrofit Incentive Program	Verified	12															
Section of the Company Trace 12	h Performance New Construction			0.00%		100.00%												1
Variety Control Variety Control Variety Control Cont	ustment to 2012 savings			0.00%		100.00%												
Court Cour	Itifamily Energy Efficiency Rebates	Verified		0.00%														
New	justment to 2012 savings	True-up	ō	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The day of the content to 2015 savings The up	ustment to 2012 savings	True-up	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
### affects of 2012 savings	gram Enabled Savings astment to 2012 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	e of Use Savings estment to 2012 savings	Verified True-up	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Last COM Savings in 2012	Pilots ustment 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%	
\$1,0000 \$1,0000 \$1,0000	ual CDM Savings in 2012		4,286,791 3,122	732,924	1,104,428	5,811	118	0	0	0	0	0	0	0	0	0	0	
MMVA in 2012 2 Savings Persisting in 2013 732.594 1,102.845 5,790 118 0 0 0 0 0 0 0 0 0 0 0 0 0 7 28 28 28 28 28 28 28 28 28 28 28 28 28	tribution Rate in 2012 t Revenue in 2012 from 2011 programs t Revenue in 2012 from 2012 programs			\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$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	
112 Shaning Pensisting n 2013 732,524 1,102,294 5,770 118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RAMVA in 2012			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	SI SI SI
	12 Savings Persisting in 2015 12 Savings Persisting in 2016			731,026	1,102,594 899,774	5,790 5,787 5,717 5,717 5,301 5,290	118 118 118 118 118 118	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	

4. 2011-2014 IRAM

2012 Savings Persisting in 2019 2012 Savings Persisting in 2020	474,821 315,323	5,290	118	0	0	0	0	0	0	0	0	0	0	- 1
2012 Savings Persisting in 2020	458 983 311 029	5 176	118	0	0	n	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions inclu	fed above																																			-		
Table 4-c. 2013 Lost Revenues Work Form		Return	nergy						_					Net Dem	and																							_
Program	Results Status	Sav	Energy gs (kWh)			_	Net Energy	y Savings	Persistenc	ce (kWh)			Monthly	Savings (I	(kW)			Net Peak I	Demand Sa	wings Persis	tence (kW)	,	_								ocations for LRA	AMVA	_					
Program	Status		013	2014	2015	5 20	20	017	2018 2	2019 20	202	2022	Multiplier	2013		2014	2015	2016 2	2017 2	018 201	9 2020	0 2021 2	22 Residen	lal GS<	O kW Ge	neral Service 50 - 999 kW	3eneral Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Tot
Consumer Program Appliance Retirement			_																				kWh	k	Vh	kW	kW	KW	kW	kWh	kW	0	0	0	0	0	0	_
Appliance Retirement Adjustment to 2013 savings	Verified True-up		,116	98,116	3 98,11	6 97,	,501 59,	,482	0	0 (0	0		16		16	16	16	9	0 0	0	0	100.00	6 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
Appliance Exchange Adjustment to 2013 savings	Verified True-up		9,555	29,558	5 29,55	5 29,	,555	0	0	0 (0	0		17		17	17	17	0	0 0	0	0	100.00	6 00		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
HVAC Incentives	Verified		0,188	280,18	8 280,18	88 280	1,188 280	0,188 28	80,188 28	30,188 280	188 280,1	88 280,188		170		170	170	170	170	170 171	0 170	170 1	70 100.00			0.00%	0.0076	0.00%	0.0074	0.00%	0.00%	0.00%	0.00%	0.00%	0.00 /4	0.00%	0.00%	100
Adjustment to 2013 savings	True-up		3,357	13,35	7 : 13,35	7 13,	357 : 13,	357 1	13,357 : 13	3,357 13,	157 13,35	7 : 13,357		8		8	8	8	8	8 8			100.00		10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation Instant Coupon Booklet Adjustment to 2013 savings	Verified True-up		0,794 152									0 29,470 105		3 0		0	0	3	0	3 3	3 0	0	2 100.00 0 100.00	6 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%	10
Bi-Annual Retailer Event Adjustment to 2013 savings	Verified True-up		0,989	110,98	9 104,30	02 81,	480 81,	,480 8	1,480 8	1,480 81,	184 68,43	19 68,439		8		8	7	6	6	6 6	6	5	5 100.00 100.00	6 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%	10
Retailer Co-op Adjustment to 2013 savings	Verified True-up			1																			0.009	0.0		0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%					0
	True-up Verified																						0.009	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
Residential Demand Response Adjustment to 2013 savings	True-up			1																			0.009	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%	
Residential Demand Response (IHD) Adjustment to 2013 savings	Verified True-up																						0.009	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
Residential New Construction Adjustment to 2013 savings	Verified True-up		.700	4.700	4.700	0 43	700 43	700 4	4 700	1700 43	00 470	0 4,700		2		2	2	2	2	2 2	2	2	100.00	6 0.0	ons.	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
Business Program	Hoe-op													1				<u>£</u> l		.££	l .		100.00	9 0.0	1076	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Retrofit Adjustment to 2013 savings	Verified True-up		55,943 3,776	1,125,3 281,88	06 1,093,1 9 281,88	173 1,090 89 281	2,091 1,02 ,889 276	28,583 ## 6,577 27	16,577 21	76,577 275	051 274,2	## 957,236 07 274,207	12 12	244 46		234 46	223 46	223 46	203 : 44	200 20 44 44	200	199 1 44	90 4 0.009	6.0	% 0%	81% 81.00%	6% 6.00%	0.00%	0.00%	0.00%	7.00% 7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
Direct Install Lighting Adjustment to 2013 savings	Verified True-up		9,984	459,98	4 448,34	41 396	,991 147	7,009 14	47,009 14	17,009 147	009 147,0	09 147,009	12	134		134	131	117	41	41 41	41	41	0.009	100.	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%	10
Building Commissioning	Verified			1									3																									0
Adjustment to 2013 savings	True-up Verified												3										0.009	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%	10
New Construction Adjustment to 2013 savings	Verified True-up		3,375	16,37	5 16,37	5 16,	.375 16,	,375 1	6,375 1	6,375 16,	75 16,33	5 16,375	12	4		4	4	4	4	4 4	4	4	0.009	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%	10
Energy Audit Adjustment to 2013 savings	Verified True-up		2,415	242,41	5 242,41	15 242	2,415	0	0	0 (0	0	12 12	44		44	44	44	0	0 0	0	0	0.009	0.0	0%	20% 20.00%	80.00% 80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
Small Commercial Demand Response	Verified True-up																						0.009	0.0		0.00%	0.00%	0.00%	0.00%	0.00%	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
Adjustment to 2013 savings Small Commercial Demand Response (IHD)				J 1																			0.009	0.0	U%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2013 savings	Verified True-up																						0.009	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%	C
Demand Response 3 Adjustment to 2013 savings	Verified True-up		,056	0	0		0	0	0	0 (0	0		195		0	0	0	0	0 0	0	0	0.009	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%	10
	Hoe-up																	E					0.00%	0.0	1076	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program Process & System Upgrades Adjustment to 2013 savings	Verified True-up			-									12 12										0.009	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
Monitoring & Targeting Adjustment to 2013 savings	Verified True-up			-									12										0.009	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
Energy Manager Adjustment to 2013 savings	Verified												12										0.009	0.0	U76	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
	True-up Verified			1									12										0.009	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
Retrofit Adjustment to 2013 savings	Verified True-up												12 12										0.009	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
Demand Response 3 Adjustment to 2013 savings	Verified True-up		1,853	0	0		0	0	0	0 (0	0		1,795	5	0	0	0	0	0 0	0	0	0.009	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%	10
Home Assistance Program Home Assistance Program	Verified	,	r 7F0	204 50		00) 000	404 000	0.505 1.04		V 004 004	204 (400 2	97 103,170						00	26	~~~		40	5 100%															10
Adjustment to 2013 savings	True-up		.022	2,022	2,022	2 1,5	959 1,5	928 1	1,896 1	1,896 1,8	96 901	901		0		0	0	0	0	25 25 0 0	0	18	100.00	6 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%	10
Aboriginal Program Home Assistance Program	Verified True-up																																					0
Adjustment to 2013 savings Direct Install Lighting	True-up Verified			J																			0.009	0.0	10%	0.00%	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	*******		İ									0										0.009	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
Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program	Verified												12																									0
Adjustment to 2013 savings High Performance New Construction	True-up Verified			-									12										0.009	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
Adjustment to 2013 savings	True-up			İ									12										0.009	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%	
Toronto Comprehensive Adjustment to 2013 savings	Verified True-up					-							0										0.009	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%	
Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up												0										0.009	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%	
LDC Custom Programs	Verified												0																									
Adjustment to 2013 savings	True-up												0										0.009	0.0	10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Program Enabled Savings Adjustment to 2013 savings	Verified True-up												0										0.009	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%	
Time of Use Savings Adjustment to 2013 savings	Verified True-up			1									0											0.0		0.000	0.00%	0.00%	0.000	0.000	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
LDC Pilots	Verified			1									0	1									0.009			0.00%			0.00%	0.00%	0.00%							
Adjustment to 2013 savings	True-up			1									0										0.009	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%	
Actual CDM Savings in 2013 Forecast CDM Savings in 2013		3	88,026	<u> </u>	-	_	_	_	二					2,713	5			-	-		_		884,62 4,162,6	5 546 7 1,60	,368 1,705	2,968 1,126	632 607	3	0 44	0 35,877	243 722	0	0	0	0	0	0	_
Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs																							\$0.000	0 \$0.0	0000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000	\$0.00000 \$0.00	\$0.00000	\$0.00000	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	,
Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 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 \$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 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013																							\$0.00 \$0.00	\$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	
LRAMVA in 2013 2013 Savings Persisting in 2014																							880,45		,416	2,867	624	0		0	235			0		0		5
2013 Savings Persisting in 2015 2013 Savings Persisting in 2016																							971.40	5 520	9.45	2,767 2,763	617 617	0	0	0	226 226	0	0	0	0	0	0	
2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018																							814,52 734,40 663,35	5 479 5 225 3 224	,319 ,607	2,767 2,763 2,445 2,420	617 617 178 176	0	0	0	226 226 207 205	0	0	0	0	0	0	
2013 Savings Persisting in 2019 2013 Savings Persisting in 2020																							658,30 656,48	7 224	,607 ,489	2,420 2,419	176 176	0	0	0	205 205	0	0	0	0	0	0	
Note: LDC to make note of key assumptions inclu	fed above																																					

Table 4-d. 2014 Lost Revenues Work Fo	rm	Return to Top																																			
	Results	Net Energy Savings (kWh)		N	let Energy	Savings Pe	rsistence	(kWh)			Monthly	Net Deman Savings (kV			Net P	eak Demand	Savings P	ersistence (k	V)									Rate Al	ocations for LR	AMVA						
Program	Status	2014	2015	201	6 201	7 20	018 201	9 202	0 2021	2022	2023	Multiplier	2014	2015	2016	2017	2018	2019	2020 2	121 2	2022	2023	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
Consumer Program																							kWh	kWh	kW	KW	KW	kW	kWh	kW	0	0	0	0	0	0	
1 Appliance Retirement	Verified	100,775	100,7	75 100,7	775 100,4	461 49	827 0	0	0	0	0		18	18	18	17	7	0	0	0	0	0	100%														100%
Adjustment to 2014 savings	True-up														1								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange	Verified	22,166	22,16	6 22,1	66 22,16	66	0 0	0	0	0	0		12	12	12	12	0	0	0	0	0	0	100%														100%
Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives	Verified	363,212	363,2	12 363,2	212 363,2	212 363	,212 363,2	12 363,2	212 363,2	2 363,2	12 363,212		199	199	199	199	199	199	199 1	99 1	199	199	100%														100%
Adjustment to 2014 savings	True-up									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%	

4. 2015-2014 (BAM

Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	192,635 179,447 173,094 173,094 173,094 173,094 173,094 172,777 172,777 148,470	14 14 1	3 13	13 13	13 13	13 12	100%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
5 Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	794.005 688,791 633,959 633,959 633,959 633,969 633,969 633,685 633,685 689,962	52 45 4	2 42	42 42	42 42	42 39	100%	0.00%	0.00%		0.00%	0.00% 0.0		0.00%	0.00%	0.00%	0.00%			100%
Retailer Co-op Adjustment to 2014 savings	Verified True-up							0.00%	0.00%	0.00%		0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Residential Demand Response Adjustment to 2014 savings	Verified True-up							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%	0.00%	0%
Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up							0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2014 savings	Verified True-up	2,546 2,546 2,546 2,546 2,546 2,546 2,546 2,546 2,546 2,546	4 4	4	4 4	4 4	4 4	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Business Program Retrofit Adjustment to 2014 savings	Verified True-up	2,142,310 2,141,210 2,141,210 2,118,746 2,118,746 ####################################	248 248 2	8 241 2	241 241	237 237	233 216	0.00%	6% 6.00%	81% 81.00%	6% 6.00%	0.00%	0.00% 0.0	7.00% 0% 7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	703,764 682,709 620,101 448,199 448,199 448,199 448,199 448,057 448,057 12 12	189 183 1	8 116 1	116 116	116 116	116 116	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up	3						0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0%
New Construction Adjustment to 2014 savings	Verified True-up	12 12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Energy Audit Adjustment to 2014 savings	Verified True-up	12 12						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%	0.00%	0%
15 Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up							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%	0.00%	0%
Small Commercial Demand Response (IHD) Adjustment to 2014 savings	Verified True-up							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%	0.00%	0%
17 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	304					0.00%	0.00%	100.00% 100.00%		0.00%	0.00% 0.0		0.00%	0.00%	0.00%	0.00%			100%
Industrial Program 18 Process & System Upgrades	Verified	460,217 460,217 460,217 460,217 460,217 460,217 460,217 460,217 460,217 460,217 460,217 12	53 53 5	3 53	53 53	53 53	53 53				100.00%										100%
Adjustment to 2014 savings Monitoring & Targeting	True-up Verified	12						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%
Adjustment to 2014 savings Energy Manager Adjustment to 2014 savings	True-up Verified	12						0.00%	0.00%	0.00%					0.00%	0.00%	0.00%	0.00%		0.00%	0%
Adjustment to 2014 savings Retrofit Adjustment to 2014 savings	True-up Verified True-up	12						0.00%	0.00%	0.00%		0.00%	0.00% 0.0		0.00%	0.00%	0.00%	0.00%		0.00%	0%
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	1,786				ļ	0.00%	0.00%	100.00%	0.00%	0.00%	0.00% 0.0		0.00%	0.00%	0.00%	0.00%			100%
Home Assistance Program 23 Home Assistance Program	Verified	79.269 79.177 74.860 73.072 71.137 71.137 68.951 68.013 31.982 31.552	8 7	7	7 7	7 7	5 5	100%													100%
Adjustment to 2014 savings Aboriginal Program	True-up		:					100.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Home Assistance Program Adjustment to 2014 savings	Verified True-up Verified							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%	0.00%	0%
25 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2014 savings	Verified True-up	12 12						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%	0.00%	0%
High Performance New Construction Adjustment to 2014 savings	Verified True-up	12 12 12						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%	0.00%	0%
Toronto Comprehensive Adjustment to 2014 savings	Verified True-up							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%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up	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%	0.00%	0%
Adjustment to 2014 savings	Verified True-up	0 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%	0.00%	0%
Other Program Enabled Savings Adjustment to 2014 savings	Verified True-up	0 0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings Adjustment to 2014 savings	Verified True-up	0 0	439					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%	0.00%	0%
LDC Pilots Adjustment to 2014 savings	Verified True-up	337,666 0	4					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%	0.00%	0%
Actual CDM Savings in 2014 Forecast CDM Savings in 2014		5,196,565	3,330					1,554,608 4,162,607	832,303 1,601,705	2,412 1,126	815 607	0 3	0 44 35,	208 377 722	0	0	0	0	0	0	
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 Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014								\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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	\$0.00000 \$0.00 \$0.000 \$0 \$0.000 \$0 \$0.000 \$0 \$0.000 \$0 \$0.000 \$0 \$0.000 \$0	00 \$0.00 00 \$0.00 00 \$0.00 00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2016 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019 2014 Savings Persisting in 2020 Note: IDC to make note of key assumptions includ-								1,436,113 1,370,612 1,368,512 1,293,776 1,243,948 1,241,763	811,181 748,574 575,324 575,324 575,324 575,324 573,815	2,409 2,409 2,346 2,346 2,346 2,306	814 814 810 810 810 807	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	208 208 208 203 203 203 199	0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	

4. 2015-2014 (BAM



LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

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

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do to as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover but events as from the 2015-2019 period. These must be firm than play the to saving, additionable processing and applications and the service of the control

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 load forecast calculation in the "Notes" section below each table.

Table 5-a. 2015 Lost Revenues Work Form		Net Energy Savings (kWh)		No	u Enormy On	vings Persistenc	o (CMIs)			Net D	emand		Nee Beat F	Samand On	vings Persist	eren (MA)								Pate Allers	ations for LRAM	EVA.	_	_				_
Program	Results Status								Month	Saving	s (kW)									General Service 50 -	Beneral Service			Unmetered								
Legacy Framework		2015	2016 2017	7 2018	2019	2020 203	21 2022	2023 202		20	015 20	16 2017	2018	2019 2	020 2021	2022	2023 2024	Residential	GS-50 kW	Service 50 - 939 kW	,000 - 4,999 kW S	entinel Lighting	Street Lighting	Scattered Load kWh	Large Use	0					0	otal
Residential Program 1 Coupon Initiative Adjustment to 2015 savings	Verified True-up	322,695 53,894	319,758 319,75 53,119 53,11	758 319,758 19 53,119	319,758 53,119	319,758 319, 53,119 53,1	758 319,68 119 53,097	9 319,689 319,6 7 53,097 53,01	99 7	- 3	21 2 3	1 21	21 3	21 3	21 21 3 3	21 3	21 21 3 3	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
2 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up	596,157 6.166	585.562 585.59 6.094 6.09-	62 585,562 4 6.094	585.562 6,094	585,562 585, 6,094 6.0	562 585,25 94 6,079	5 585,255 585,2 6,079 6,07	55.		40 4 0	0 40	40	40 0	40 40 0 0	40 0	40 40 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%	00%
Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up							0 0		- 1	10 1	0 10	9	4	0 0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
HVAC Incentives Initiative Adjustment to 2015 savings	Verified True-up	387,380 3,351	387,380 387,38 3.351 3.35	80 387,380	387,380	387,380 387, 3.351 3.3	380 387,38i 51 3.361	0 387,380 387,3 3,351 3,35	90	2	104 2	04 204 2 2	204	204	204 204	204	204 204 2 2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
5 Residential New Construction and Major Adjustment to 2015 savings	Verified True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2015 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
, Efficiency: Equipment Replacement	Verified							67 5,087,206 4,874,		3	308 30	08 297	297	297		290	289 265		13%	83%	4.00%											00%
Incentive Initiative Adjustment to 2015 savings Direct Install Lighting and Water Heating	True-up Verified	213,861 278,584						2 460,472 499,3 3 167,643 167,6			24 2 66 5				35 43 38 38		43 40 38 38	0.00%	13.00%	83.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	00%
Adjustment to 2015 savings	True-up		-83,151 -11,43				4 154										0 0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10%
New Construction and Major Renovation Initiative Adjustment to 2015 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative	Verified								3											100.00%												00%
Adjustment to 2015 savings Industrial Program	True-up	60,323	60,323 60,32	23 60,323	60,323	60,323 60,3	123 60,323	8 60,323 60,32	3 3]1	16 1	6 16	16	16	16 16	16	16 16	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%	
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2015 savings	Verified True-up	184,500	164,500 164,50	500 164,500	164,500	164,500 164,	500 164,50	0 164,500 164,5	00 12 12		19 1	9 19	19	19	19 19	19	19 19	0.00%	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%	00%
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified								12																						0	0%
Adjustment to 2015 savings	True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2015 savings	Verified True-up	22,293	22,293 22,29	93 22,293	22,293	22,293 22,2	93 22,293	3 20,201 20,20	1 12		8 8	8	8	8	8 8	8	6 6	0.00%	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%	00%
Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	45,402	41,348 40,65	59 39,969	39,900	39,900 39,5	39,300	32,870 32,48	4 12 12		6 /	6 6	6	6	6 6	6	5 5	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%	00%
Other 15 Aboriginal Conservation Program Adjustment to 2015 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2015 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilots 17 Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Lobiaws Pilot Adjustment to 2015 savings	Verified True-up	770,101	770,101 770,10	101 770,101	770,101	770,101 770,	101 770,10	1 770,101 770,1	12		50 5	0 50	50	50	50 50	50	50 50	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%	00%
19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	Verified True-up							-	0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
20 Social Benchmarking Pliot Adjustment to 2015 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework Residential Province-Wide Programs																																
21 Save on Energy Coupon Program Adjustment to 2015 savings	Verified True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program Adjustment to 2015 savings	Verified True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
23 Save on Energy New Construction Program	Verified																															0%
Adjustment to 2015 savings Save on Energy Home Assistance Program	True-up Verified																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings	True-up															1		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program Adjustment to 2015 savings	Verified True-up				-				12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up								12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Small Business Lighting Program	Verified								12										0.00%					0.00%	0.00%	0.00%		0.00%			0.00%	0%
Adjustment to 2015 savings Save on Energy High Performance New	True-up Verified								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Construction Program Adjustment to 2015 savings	True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Existing Building Commissioning Program Adjustment to 2015 savings	Verified True-up								3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
1																																l.

Adjustment is 2015 saving To Management is 2015 saving To Management is 2015 saving Adjustment to 2015 saving To Management is 2015 saving	Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified					12 12 12 12 12 12 12 12 12 12 12 12 12 1				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Programmer 2, 2015 saving 1 Agent and 1, 2015 saving 1 A	Frue-up Verified Frue-up Verified Frue-up Verified Frue-up Frue-up Verified Frue-up Frue-up Frue-up Frue-up					12 12 12 12 12 0 0 0																		
20 Stars on Except Encapt Nationap Program Adjustment to 2015 saving Local & Regional Program Adjustment to 2015 saving Local & Regional Program Adjustment to 2015 saving Life First Nation Construction Local Program Adjustment to 2015 saving To 2	Verified I'rue-up Verified True-up Verified True-up Verified True-up Verified True-up Verified					12 12 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																		0%
Local & Regional Program Adjustment & Robinston Local Program Adjustment is 2015 saving The Management is 2015 saving Adjustment is 2015 saving The Management is 2015 saving The Management is 2015 saving The Management is 2015 saving The Price Programs The Management is 2015 saving The Price Programs The Management is 2015 saving The Management is 2015 savin	Verified True-up Verified True-up Verified True-up Verified True-up					0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																		
Adjustment to 2015 Savings Agriculture of the Concernition Local Program Adjustment to 2015 Savings Book and Book and Program Adjustment to 2015 Savings The Plant Program Adjustment to 2015 Savings Plant Program Adjustment to 2015 Savings Plant Program Adjustment to 2015 Savings Explain Statistics Savings Statistics Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up					0 0																		0%	
Social Benchmarking Local Program Adjustment to 2015 average Tru Pilot Program Emeracure Hydro Mississauga Inc EPerformance Based Conservation Pilot Program Conservation Filot Adjustment to 2015 average Tru Tru 27 Evilor Utilities Ltd Building Optimization Ver	Verified True-up Verified Verified True-up Verified True-up					0 0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Finance Hydro Mississauga Inc Enersource Hydro	Verified True-up 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%
Program - Conservation Fund Adjustment to 2015 savings Tru 37 Pillot Utilities Ltd Building Optimization Ver	True-up 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%	
27 EnWin Utilities Ltd Building Optimization Ver	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%
Adjustment to 2015 savings Tru						0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilo Ver	Verified True-up					0 0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hadana I Million Commenter - Control	Verified					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings Tru Hydro Ottawa Limited - Conservation	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%	
Data Bilot	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%
and the sportage virial results and the second	Verified																							0%
	True-up			1						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Verified True-up					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Niagara-on-the-Lake Hydro Inc Direct	/erified		1							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Agricultural Sector	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%
	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%
	Verified					0																		0%
Toward Dades Planted Parties United	True-up Verified					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited -	True-up					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48 Direct Install - RTU Controls (Pilot Savings) Ver	Verified True-up			-		0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - Ver	Verified					0																		0%
Actual CDM Savings in 201!	True-up	3,197,664	-			 0	747			1,477,073	0.00% 877,342	3,955	0.00% 483 607	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Forecast CDM Savings in 201!									 _	4,162,607	1,601,705	1,126		3	44	35,877	722	0	0	0	0	0	-	
Distribution Rate in 2015 Lost Reverue in 2015 from 2011 programs Lost Reverue in 2015 from 2012 programs Lost Reverue in 2015 from 2013 programs Lost Reverue in 2015 from 2013 programs Lost Reverue in 2015 from 2014 programs Lost Reverue in 2015 from 2014 programs Total Lost Reverues in 2015 programs Total Lost Reverues in 2015 Forecast Lost Revenues in 2011 LRAMWA IN 2011										\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2015 Savings Persisting in 2016 2015 Savings Persisting in 2011 2015 Savings Persisting in 2011 2015 Savings Persisting in 2015 2015 Savings Persisting in 2015 2015 Savings Persisting in 2007 Note: IDC to make note of key assumptions included at										1,458,640 1,457,951 1,456,426 1,425,687 1,395,164	877,342 877,342 889,021 889,021 889,021	3,955 3,955 3,955 3,955 3,955	483 483 483 483 483	0 0 0 0	0 0 0 0	0 0 0	0 0 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 inclu	ided above																													
Table 5-b. 2016 Lost Revenues Work Forn		Net Energy Savings (kWh)		Net Energy Sa	avings Persistence	e (kWh)			Net Deman Savings (kV	d M	N	et Peak Dem	nand Savings Pers	sistence (kW)								Rate Alloc	ations for LRAM	IVA						_
Program	Results Status	2016 2017	2018 2	019 2020	2021 202	2 2023	2024 2025	Monthly Multiplier	2016	2017	2018 2	019 2021	0 2021 20	022 2023	2024 2025	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
Legacy Framework Residential Program Coupon Initiative	Verified															kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	0%
Adjustment to 2016 savings Bi-Annual Retailer Event Initiativ	True-up Verified				1											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings Appliance Retirement Initiative	True-up Verified															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings	True-up Verified															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
djustment to 2016 savings	True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
tesidential New Construction and Major tenovation Initiative djustment to 2016 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Edjustment to 2016 savings	Verified True-up							12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
fficiency: Equipment Replacement scentive Initiative djustment to 2016 savings	Verified True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install Lighting and Water Heating nitiative Idjustment to 2016 savings	Verified True-up							12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
lew Construction and Major Renovation nitiative udjustment to 2016 savings	Verified True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
existing Building Commissioning Incentive nitiative udjustment to 2016 savings	Verified True-up							3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
rocess and Systems Upgrades Initiatives -	Verified							12																						0%
edjustment to 2016 savings Process and Systems Upgrades Initiatives -	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%	
Monitoring and Targeting Initiative	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%
	Verified				t			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%
rocess and Systems Upgrades Initiatives - inerov Manacer Initiative idjustment to 2016 savings	True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ow Income Program ow Income Initiative djustment to 2016 savings	Verified True-up							12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

Note Commission Find Searcy Conference of Searcy Conference	COPY	0.00% ON 0.0
Proper P	0.00% 0.00	0.00% ON. 0.00%
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Value Control Contro	COPY	0.00% ON. 0.00% ON. 0.00% ON. 0.00% OOM. 0.00% ON. 0.00% ON. 0.00% ON. 0.00% OOM. 0.00% OOM. 0.00% OOM. 0.00% OOM.
22 Search Field Framework Fi	0.00%	0.00% 100% 0.00% 0
Part Part	0.00%	0.00% 190% 0% 00% 0.00%
22 See on Enterpy Meaning and Coulty (1964)	0.00%	0.00% 00% 00% 00% 00% 00% 00% 00% 00% 00
24 See on Energy New Contantion Program (Notice)	0.00% 0.00%	0.00% O% O% O% O% O% O% O% O% O%
24 See on Energy New Contantion Program (Notice)	0.00%	0.00% 100% 0.00% 100% 0.00% 100% 100% 10
La de on Energy Home Austration Program Very Market 13,474 Agriculture 12,076 Surving Thomps Thomp	0.00%	0.00% 100% 100% 0.00% 100% 100% 100% 100
Adjunction 2016 saving	0.00% 0.00	0.00% 100% 100% 0.00% 100% 100% 0.00% 0.00%
2 Same on Energy Remote Programs 2 May 19 2 Same on Energy Remote Programs 2 May 19 2 Same on Energy Remote Programs 2 May 19 2 Same on Energy Remote Programs 2 May 19 2 Same on Energy Remote Programs 2 May 19 2 Same on Energy Remote Programs 2 May 19 2 Same on Energy Remote Profession Profession Programs 2 May 19 2 Same on Energy Remote Profession Profess	400K	0.00% 100% 100% 100% 0.00% 0.00%
25 across program Business Lighting Variety 57 1566 57 256	4.07% 0.07	0.00% 100% 0.00% 0%
250 on Engry High Petermance New Verfeld 12 Construction Presum 12 Adjustment to 2016 swings Tox-up 12 12 12	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Sa on Entirpy High Pedimanon New Control High Pedim	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Z2 Completication Program Verned 3	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	
25 Save on Energy Existing Dubling Commissioning Positing Commissioning Positing Adjustment to 2016 savings Training Savings Training Savings Savings Savings Savings Savings Savings Savings Savings Savings Savings Savings		0.00%
Sai on Disrign Process & Systems Verified 12 12 12 12 12 12 12 12 12 12 12 12 12	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
51 Save on Energy Monitoring & Targeting Verified 12		0%
Agument to 2016 savings Tru-up 12 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%
Adjustment to 2016 savings True-up 835 835 835 835 835 835 835 835 835 835	100.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Cool & Regional Program: Cool & Regional Program: Verified 0 Cool & Regional Program: Verified 0 Cool & Regional Program: Verified 0 Cool & Regional Program: Verified Verified Cool & Regional Program: Verified Cool & Regional Program: Verified Verified Cool & Regional Program: Verified	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
25 peak flow Consensation Local Program Verified 0 0 Applications 10 2016 Seasoning 0 0 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
25	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Pilot Programs Ensorous Hydro Massissaspa Inc Market Programs Ens		100%
Pozoam - Consequênc Fund - Consequênc Fund - Consequênce Fund - Conseq	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
25 Entire Utilises Ltd - Sauking Optionstation Verified 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%
25 Exclusion 14.5 Reviewed The Verlad (0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Seed Indicate Ollified Corporation - ECM Funnace Varieties Varieties 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0%
Adjustment 20 76 savings Trough 6 00% 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Section Sect	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Hybro Dissa Limited - Cossensition . 41 whose Regulation (CVR) Leveraging AM varied . 6 Data Plaz 4 whose Regulation (CVR) Leveraging AM varied . 6 Data Plaz 5 whose Regulation (CVR) Leveraging AM varied . 0.0% .	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Hydro Citizas da Uni safetina (Para de Caracidental Demand \$\frac{4}{2}\text{Response Well Filtermental Pilot \text{ Welfed}}\$		0%
Adjustment to 2016 saving: 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%
55 Oktobrane Willing Hydio Inc Piker DCIX/ Winfle	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
		0%
Acidatural Section Advicatural Section True-up 10 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%
State Ducker Hydro Electricity Distribution Inc Verified Ducker Incentified Programmer 20 2016 authorgy Verified 0 0 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
Solvatile Hydro Electricity Distribution Inc Distribution In	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0%
		0%
Bank manual Harden Sandar Sand	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
20 Total Drydon-Electric System Limited - Verified 0 0		0%
Adjustment to 2015 sovingt True-up 0 0,07% 0,07% 0,07% Actual COM Savings in 2011 E-510,759 1,196 3,564,441 556,511 8,439 Ferroscal COM Savings in 2011 4,412,607 1,611,756 1,126	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%
	697 3 44 35,877 722 0 0 0 0 50,00000 \$0,	\$0.00000 \$0.00 \$0.00
Sambandan Rasin 2014 10,00000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,000	10 10 10 10 10 10 10 10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
CRAMPA III 2019		\$0.00 \$0.00
2015 Basegie Presiding in 2011 3,856,441 5,056,41 8,40 2015 Basegie Presiding in 2011 3,856,441 5,054,10 6,42 2015 Basegie Presiding in 2011 3,656,441 5,83,81 5,62 2015 Basegie Presiding in 2011 3,656,441 5,83,81 5,62 Non-Life Limit Basin de off by passegions included above 5,62 5,62	300 0	

Table 5-c. 2017 Loss Reviewed Width Earth

| Program | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | Survey | S

2015-2020 IJAM

Legacy Framework Residential Program										kWh	kWh	kW	kW	W kW	kWh	kW			0		0	0	
Residential Program Coupon Initiative Adjustment to 2017 savings	Verified True-up									0.00%	0.00%		0.00% 0.		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Verified True-up									0.00%	0.00%		0.00% 0.		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
3 Appliance Retirement Initiative Adjustment to 2017 savings	Verified True-up				·					0.00%	0.00%		0.00% 0.			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2017 savings	Verified True-up									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%
	Verified																						0%
Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings Commercial & Institutional Program	True-up									0.00%	0.00%	0.00%	0.00% 0.	0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Commercial & Institutional Program & Energy Audit Initiative Adjustment to 2017 savings	Verified True-up		12 12							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%
Z Efficiency: Equipment Replacement incentive Initiative Adjustment to 2017 savings	Verified True-up		12							0.00%	0.00%	0.00%	0.00% 0.	0% 0.005	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified		12																				0%
	True-up Verified		12	-						0.00%	0.00%	0.00%	0.00% 0.	0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation Initiative Adjustment to 2017 savings Existing Building Commissioning Incentive	True-up		12							0.00%	0.00%	0.00%	0.00% 0.	0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Initiative Adjustment to 2017 savings	Verified True-up		3							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%
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified		12																				0%
Adjustment to 2017 savings Process and Systems Upgrades Initiatives -	True-up		12							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%	
12 Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified True-up		12							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%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified		12													2.00%							0%
	True-up		12							0.00%	0.00%	0.00%	0.00% 0.	0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program Low Income Initiative Adjustment to 2017 savings	Verified True-up		12 12							0.00%	0.00%	0.00%	0.00% 0.	0.009	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 15 Aboriginal Conservation Program Adjustment to 2017 savings	Verified True-up		0							0.00%	0.00%	0.00%	0.00% 0.	0% 0.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Verified True-up		0 0							0.00%	0.00%		0.00% 0.		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot: 12 Conservation Fund Pilot - EnerNOC Adjustment to 2017 savings	Verified True-up		0					11															0%
Adjustment to 2017 savings 18 Loblaws Pilot Adjustment to 2017 savings	True-up Verified True-up		0							0.00%	0.00%		0.00% 0.		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings 19 Conservation Fund Pilot - SEG Adjustment to 2017 savings	True-up Verified True-up		0							0.00%	0.00%		0.00% 0.			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings 20 Social Benchmarking Plice Adjustment to 2017 savings	True-up Verified True-up		0							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%
	True-up										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%	
Conservation First Framewori Residential Province-Wide Program 21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified True-up	3 302 300 2,640 403 2,640 403 2,640 403 2,640 403 2,640 403 2,640 403 2,640 468 2,640 468 2,640 401 4,057 3,255 3,255 3,255 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		228 0	184 1	184 184 0 0	184 184 0 0	184 1	84 184 184 0 0 0	100.00%	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%	100%
22 Save on Energy Heating and Cooling Program	Verified	513,769 513,769 513,769 513,769 513,769 513,769 513,769 513,769 513,769		149	149 1	149 149	149 149	149 1	49 149 149														100%
Save on Energy Heating and Cooling Program Adjustment to 2017 savings 23 Save on Energy Instant Discount Program	True-up	S13,769 S13,	ĺ	10	10	10 10	0 0	0	49 149 149 0 0 0	100.00%	0.00%		0.00% 0.		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy Instant Discount Program Adjustment to 2017 saving: Save on Energy Home Assistance Program				149 10 187 29	136 1	10 10 138 138	0 0 136 136	136 1	49 149 149 0 0 0 36 136 136	100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00% 0.	0.009		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Instant Discount Program Adjustment to 2017 savings Save on Energy Home Assistance Program Adjustment to 2017 savings	True-up Verified True-up Verified True-up	MAJPA MAJPA MAJPA MAJPA 0 0 0 0 0 0 0 0 0		10 187 29	136 1	10 10 136 136 29 29	0 0 136 136 29 29	136 1	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00%			0.00% 0.			0.00%							100%
2 Save on Energy Instant Discourt Program Adjustment to 2017 savings 24 Adjustment to 2017 savings 40 40 40 40 40 40 40 40 40 4	True-up Verified True-up Verified True-up Verified True-up	MARTH 36479 MARTH SAGRE 0 0 0 0 0 0 0 0 0	12 12	10 187 29	10 138 1 29 2	10 10 136 136 29 29 6 6	0 0 138 138 29 29 6 6	29 2	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00% 0.	0.009		0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Save on Energy Instant Discourt Program Adjustment to 2017 Savings 24 35 Save on Energy Home Assistance Program Adjustment to 2017 Savings 35 Save on Energy Audit Fueding Program Adjustment to 2017 Savings 25 Sav on Energy Audit Pueding Program Adjustment to 2017 Savings 25 Sav on Energy Restrict Program Adjustment to 2017 Savings	True-up Verified True-up Verified True-up	MAJPA MAJPA MAJPA MAJPA 0 0 0 0 0 0 0 0 0	12 12	10 187 29	10 138 1 29 2	10 10 136 136 29 29 6 6	0 0 136 136 29 29	29 2	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00%	0.00%	0.00%	0.00% 0.	0% 0.00°	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Save on Energy Instant Discourt Program Adjustment to 2017 Savings 24 35 Save on Energy Home Assistance Program Adjustment to 2017 Savings 35 Save on Energy Audit Fueding Program Adjustment to 2017 Savings 25 Sav on Energy Audit Pueding Program Adjustment to 2017 Savings 25 Sav on Energy Restrict Program Adjustment to 2017 Savings	True-up Verified True-up Verified True-up Verified True-up	MARTH 36479 MARTH SAGRE 0 0 0 0 0 0 0 0 0	12 12 12 12 12	10 187 29	10 136 1 29 2 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 136 136 29 29 29 6 6 6 754 754 754 289 289	0 0 138 138 29 29 6 6	29 :	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00%	0.00% 0.00% 100.00% 100.00% 20.20% 20.20%	0.00% 0.00% 0.00% 71.20% 71.20%	0.00% 0.	0.001 0% 0.001 0% 0.001	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 See on Energy, Instant Discount Program Adjustment to 2017 along 24 See on Energy Home Assistance Program Adjustment to 2017 along 25 See on Energy Assistance Program Adjustment to 2017 along 26 See on Energy Assist Fundar Program Adjustment to 2017 along 26 See on Energy Restrict Program Adjustment to 2017 along 27 See on Energy Floration 28 See on Energy Floration 29 See on Energy Floration 20 See on Energy Floration 20 See on Theory Small Business Lighting Adjustment to 2017 along 27 See	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified Verified Verified	MANUAL M	12 12 12 12 12 12 12 12	10 167 29 6 6 651 259	10 136 1 29 2 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 136 136 29 29 29 6 6 6 754 754 754 289 289	0 0 136 136 29 29 29 6 6 6 6 754 741 0 0	29 :	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00%	0.00% 0.00% 100.00% 100.00% 20.20% 20.20% 22.00%	0.00% 0.00% 0.00% 71.20% 79.00% 79.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0% 0.00° 0% 0.00° 0% 0.00° 0% 0.00°	0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 100%
22 See no Energy Instant Choused Program Agustinest to 2017 Energy 23 See no Energy Horn Assistance Program Adjustment to 2017 Energy 24 See no Energy Horn Assistance 25 See no Energy Horn Assistance 26 See no Energy Horn Energy 27 Energy 28 See no Energy Horn Energy 28 See no Energy 28 See	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	MANUAL M	12 12 12 12 12 12	10 167 29 6 6 651 259	10 136 1 29 2 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 136 136 29 29 29 6 6 6 754 754 754 289 289	0 0 136 136 29 29 29 6 6 6 6 754 741 0 0	29 :	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00%	0.00% 0.00% 100.00% 100.00% 20.20% 20.20%	0.00% 0.00% 0.00% 71.20% 79.00% 79.00%	0.00% 0. 0.00% 0. 0.00% 0. 0.40% 0.	0% 0.00° 0% 0.00° 0% 0.00° 0% 0.00°	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 100% 100% 92% 101%
22 See a Foreign Issuer Choused Program Aguitment to 2017 Sealing 2 Service Chercy Foreign Foreign 2 Service Chercy Foreign 2 Service Chercy Foreign 2 Service Chercy Foreign 2 Service Chercy Foreign 2 Service Chercy Foreign 2 Service Chercy Foreign 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service Chercy 2 Service 2 Service Chercy 2 Service 2 Service Chercy 2 Service 2 Serv	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up	MANUAL M	12 12 12 12 12 12 12 12 12 12 12 13 3	10 167 29 6 6 651 259	10 136 1 29 2 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 136 136 29 29 29 6 6 6 754 754 754 289 289	0 0 136 136 29 29 29 6 6 6 6 754 741 0 0	29 :	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00%	0.00% 0.00% 100.00% 100.00% 20.20% 20.20% 22.00%	0.00% 0.00% 0.00% 71.20% 71.20% 72.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0% 0.00° 0% 0.00° 0% 0.00° 0% 0.00°	0.00% 0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 100% 100% 100% 92% 101% 0%
22 See a Foreign Sealer Chouse Program Aguitment to 2017 Sealing See See an Energy Horn Assistance Program Aguitment to 2017 Sealing See See a Energy Horn Assistance See See See See See See See See See S	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified Verified Verified	MANUAL M	12 12 12 12 12 12 12 12 12	10 167 29 6 6 651 259	10 136 1 29 2 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 136 136 29 29 29 6 6 6 754 754 754 289 289	0 0 136 136 29 29 29 6 6 6 6 754 741 0 0	29 :	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00%	0.00% 0.00% 100.00% 100.00% 20.20% 22.00% 22.00%	0.00% 0.00% 0.00% 77.20% 77.20% 78.00% 0.00%	0.00% 0.00%	0% 0.001 0% 0.001 0% 0.001 0% 0.001	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00%	0.00%	0.00% 0.00% 0.00% 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% 100% 100% 100% 92% 101%
22 See a Foreign Sealer Chouse Program Aguitment to 2017 Sealing See See an Energy Horn Assistance Program Aguitment to 2017 Sealing See See a Energy Horn Assistance See See See See See See See See See S	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified	MANUAL M	12 12 12 12 12 12 12 12 12 12 12 13 3	10 167 29 6 6 651 259	10 136 1 29 2 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 136 136 29 29 29 6 6 6 754 754 754 289 289	0 0 136 136 29 29 29 6 6 6 6 754 741 0 0	29 :	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00%	0.00% 0.00% 100.00% 100.00% 100.00% 20.20% 20.20% 22.00% 0.00% 0.00%	0.00% 0.00% 0.00% 77.20% 77.20% 79.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 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% 0.001 29% 0.001 29% 0.001 29% 0.001 29% 0.001 29% 0.001 29% 0.001	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	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% 100% 100% 100% 92% 101%
22 See a Group Nasie Closcot Pagent Aguillantia SO T Saving See See a Group Nasie Closcot Pagent Aguillantia SO T Saving See See a Group Nasie See a Group Nasie See a Group Nasie See a Group Nasie Nasie See a Group Nasie Pagent See a Group Nasie Pagent See and Energy Aguillantia So T Saving See a Group Nasie See a Gr	True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified True-up Verified	MANUAL M	12 12 12 12 12 12 12 12 12 12 12 12 12 1	10 187 29 6 6 681 229 13	10 138 1 29 2 2 6	10 10 10 136 136 136 29 29 29 29 13 13 13	0 0 1396 1396 1396 1396 1396 1396 1396 1396	0 156 1 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	49 149 149 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00% 0.00%	0.00% 0.00% 100.00% 100.00% 100.00% 20.30% 20.30% 20.30% 0.00% 0.00%	0.00% 0.00% 17.20% 77.20% 77.20% 0.00% 0.00%	0.00% 0.00%	9% 0.001 9% 0.001 9% 0.001 9% 0.001 9% 0.001 9% 0.001 9% 0.001 9% 0.001	. 0.00% 0.00% 0.00% 0.00% 0.00%.	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 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% 100% 100% 100% 92% 101% 0%
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22 See on Energy Neurol Chouse Program Appliaments 2017 Sealing 28 See on Energy Horne Assistance Program Appliaments 2017 Sealing 28 See on Energy Horne Assistance Program 29 See on Energy Horne Assistance 29 See on Energy Horne Assistance 20 See on Energy Horne Assistance 20 See on Energy Horne Frontiere Miles Program Appliaments 2017 Sealing 20 See on Energy Horne Business Lighting 21 See on Energy Horners 22 See on Energy Horners 23 See on Energy Horners 24 See on Energy Horners 25 See on Energy Horners 26 See on Energy Horners 26 See on Energy Horners 26 See on Energy Horners 26 See on Energy Horners 26 See on Energy Horners 27 See on Energy Horners 28 See on Energy Horners 29 See on Energy Horners 29 See on Energy Horners 20 See on Energy Horners 20 See on Energy Horners 20 See on Energy Horners 20 See on Energy Horners 20 See on Energy Horners 27 See on Energy Horners 28 See on Energy Horners 29 See on Energy Horners 29 See on Energy Horners 20 See o	Tros-sp Vortical Tros-sp	MATERIA MATE	12 12 12 12 12 12 12 12 12 12 12 12 12 1	15 187 23 23 6 6 1 681 260 113 13 13 13 1	130 1 130 1	10 10 10 10 136 136 136 136 136 136 136 136 136 136	8 6 6 754 741 741 70 8 10 0 0 0 0 0 11 61 61 61 61 61 61 61 61 61 61 61 61	136 1 29 1 6 741 7 6 0	60 140 140 140 140 140 140 140 140 140 14	100 00% 100 00	© 0.00% 100.00% 100.00% 100.00% 100.00% 20.00% 20.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 17.20% 17.20% 17.20% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	27% 0.007 27% 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%	6.00% 6.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 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% 100% 100% 100% 92% 101% 0% 0% 100% 100% 100% 100% 100%
22 See on Energy Nation Chouse Program Against See 2017 Seeing 28 See on Energy Horne Assistance Program Against See 2017 Seeing 29 See on Energy Horne Assistance Program Against See 2017 Seeing 20 See on Energy Horne Assistance 20 See on Energy Horne Against See 20 See on Energy Horne Frederic 21 See on Energy Horne Frederic 22 See on Energy Horne Frederic 23 See on Energy Horne Frederic 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 26 See on Energy Horne 26 See on Energy Horne 26 See on Energy Horne 27 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 29 See on Energy Horne 29 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 21 See on Energy Horne 22 See on Energy Horne 23 See on Energy Horne 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 27 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 29 See on Energy Horne 29 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 21 See on Energy Horne 22 See on Energy Horne 23 See on Energy Horne 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 27 See on Energy Horne 28 See on Energy Horne 29 See on Energy Horne 29 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 21 See on Energy Horne 21 See on Energy Horne 22 See on Energy Horne 23 See on Energy Horne 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 27 See on Energy 28 See on Energy 29 See on Energy 29 See on Energy 20 See on Energy 20 See on Energy 20 See on Energy 20 See on Energy 20 See on Energy 20 See	Trossey Verified Trossey	MATERIA MATE	12 12 12 12 12 12 12 12 12 12 12 12 12 1	15 187 23 23 6 6 1 681 260 113 13 13 13 1	130 1 130 1	10 10 10 10 136 136 136 136 136 136 136 136 136 136	8 6 6 754 741 741 70 8 10 0 0 0 0 0 11 61 61 61 61 61 61 61 61 61 61 61 61	136 1 29 1 6 741 7 6 0	60 140 140 140 140 140 140 140 140 140 14	100 00% 100 00	© 0.00% 100.00% 100.00% 100.00% 100.00% 20.00% 20.00% 0.00% 0.00% 0.00% 0.00% 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% 0.007 27% 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%	6.00% 6.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 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% 100% 100% 100% 100% 100% 0% 0% 100% 100% 100% 100%
22 May to Energy Nation Chouse Program Adjustments 20 Traveling 23 Sen on Energy Horne Assistance Program Adjustments 20 Traveling 24 Sen on Energy Horne Assistance Program Adjustments 20 Traveling 25 May to Energy Horne Assistance 26 May to Energy Horne Assistance 26 May to Energy Horne Program 28 May to Energy Horne Program 29 May to Energy Horne Program 29 May to Energy Horne Program 29 May to Energy Horne Program 20 May to Energy Horne Program 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 21 May to Energy Horne 22 May to Energy Horne 23 May to Energy Horne 24 May to Energy Horne 25 May to Energy Horne 26 May to Energy Horne 27 May to Energy Horne 28 May to Energy Horne 29 May to Energy Horne 29 May to Energy Horne 29 May to Energy Horne 29 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 21 May to Energy Horne 22 May to Energy Horne 23 May to Energy Horne 24 May to Energy Horne 25 May to Energy Horne 26 May to Energy Horne 27 May to Energy Horne 28 May to Energy Horne 29 May to Energy Horne 29 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 20 May to Energy Horne 21 May to Energy Horne 22 May to Energy Horne 23 May to Energy Horne 24 May to Energy Horne 25 May to Energy Horne 26 May to Energy Horne 27 May to Energy 28 May to Energy 29 May to Energy 29 May to Energy 20 May to Energy 20 May to Energy 20 May to Energy 20 May to Energy 20 May to Energy 20 May to Energy 20 May to Energy 20 May to Energy 21 May to Energy 21 May to Energy 21 May to Energy 22 May to Energy 23 May to Energy 24 May to Energy 24 May to Energy 24 May to Energy 25 May to Energy 26 May to Energy 26 May to Energy 26 May	Tron-up Tro	MATERIA MATE	12 12 12 12 12 12 12 12 12 12 12 12 12 1	15 187 23 23 6 6 1 681 260 113 13 13 13 1	130 1 130 1	10 10 10 10 136 136 136 136 136 136 136 136 136 136	8 6 6 754 741 741 70 8 10 0 0 0 0 0 11 61 61 61 61 61 61 61 61 61 61 61 61	136 1 29 1 6 741 7 6 0	60 140 140 140 140 140 140 140 140 140 14	100 00% 100 00	0.00% 100.00%	0.00% 0.00% 17.20% 0.00%	0.00% 0.00%	27% 0.007 27% 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%	6.00% 6.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 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% 100% 100% 92% 101% 0% 0% 0% 100% 100% 0% 100% 0% 100% 0% 100% 0%
22 See on Energy Nation Chouse Program Against See 2017 Seeing 28 See on Energy Horne Assistance Program Against See 2017 Seeing 29 See on Energy Horne Assistance Program Against See 2017 Seeing 20 See on Energy Horne Assistance 20 See on Energy Horne Against See 20 See on Energy Horne Frederic 21 See on Energy Horne Frederic 22 See on Energy Horne Frederic 23 See on Energy Horne Frederic 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 26 See on Energy Horne 26 See on Energy Horne 26 See on Energy Horne 27 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 29 See on Energy Horne 29 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 21 See on Energy Horne 22 See on Energy Horne 23 See on Energy Horne 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 27 See on Energy Horne 28 See on Energy Horne 28 See on Energy Horne 29 See on Energy Horne 29 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 21 See on Energy Horne 22 See on Energy Horne 23 See on Energy Horne 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 27 See on Energy Horne 28 See on Energy Horne 29 See on Energy Horne 29 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 20 See on Energy Horne 21 See on Energy Horne 21 See on Energy Horne 22 See on Energy Horne 23 See on Energy Horne 24 See on Energy Horne 25 See on Energy Horne 26 See on Energy Horne 27 See on Energy 28 See on Energy 29 See on Energy 29 See on Energy 20 See on Energy 20 See on Energy 20 See on Energy 20 See on Energy 20 See on Energy 20 See	Tros-sp Werfled Tros-sp	MAPPIN M	12 12 12 12 12 12 12 12 12 12 12 12 12 1	15 187 23 23 6 6 1 681 260 113 13 13 13 1	130 1 130 1	10 10 10 10 136 136 136 136 136 136 136 136 136 136	8 6 6 754 741 741 70 8 10 0 0 0 0 0 11 61 61 61 61 61 61 61 61 61 61 61 61	136 1 29 1 6 741 7 6 0	60 140 140 140 140 140 140 140 140 140 14	100 00% 100 00	0.00% 0.00% 110,00% 110,00% 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% 17.20% 0.00%	0.00% 0.00%	27% 0.007 27% 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% 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% 100% 100% 92% 101% 0% 0% 0% 100% 100% 100% 100% 0% 100% 100% 100% 0% 100% 0% 0% 0% 0%

5. 2075-2000 IBAM

Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the Acricultural Sector Adjustment to 2017 savinos	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%
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Oakville Hydro Electricity Distribution Inc. Direct Install - Hydronic Adjustment to 2017 savings	Verified True-up			-		0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
1 1									 															
46 Direct Install - RTU Controls Adjustment to 2017 savings	Verified True-up					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up	l	I	.ll		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%	
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified					0																		0%
Adjustment to 2017 savings	True-up		L		 	0		 	 	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Saving	Verified					0																		0%
Adjustment to 2017 savings	True-up					0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
				.,					 															
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified					0																		0%
Adjustment to 2017 savings	True-up			1		0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2017 savings Actual CDM Savings in 201:	True-up	12,199,921				0	1,659			7.237.137	1,146,545	8,152	45	0.00%	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2017 savings	True-up	12,199,921				0	1,659							0.00%	0.00%		0.00% 0 722	0.00%			0.00%	0.00%		
Adjustment to 2017 awking: Actual CDM Savings in 201: Forecast CDM Savings in 201: Distribution Rate in 2017 Lost Reversue in 2017 from 2011 program Lost Reversue in 2017 from 2012 program Lost Reversue in 2017 from 2013 program Lost Reversue in 2017 from 2013 program Lost Reversue in 2017 from 2013 program Lost Reversue in 2017 from 2014 program Lost Reversue in 2017 from 2014 program Lost Reversue in 2017 from 2016 program Lost Reversue in 2017 from 2016 program Lost Reversue in 2017 from 2016 program	True-up	12,198,921				0	1,659			7,237,137 4,162,697 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,146,545 1,601,765 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	8,152 1,126 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	45 607 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0,00000 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	0 722 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0,00000 \$0,000 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0,00000 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	\$0.00000 \$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
Adjustment to 2017 savings Actual CDM Savings in 201: Forecast CDM Savings in 201: Distribution Rate in 2017 Lost Revenue in 2017 from 2011 program Lost Revenue in 2017 from 2012 program Lost Revenue in 2017 from 2014 program Lost Revenue in 2017 from 2014 program Lost Revenue in 2017 from 2015 program Lost Revenue in 2017 from 2015 program Lost Revenue in 2017 from 2015 program	True-up	12,199,921				0	1,659			7,237,137 4,162,607 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	1,146,545 1,601,705 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	8,152 1,126 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	45 607 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 722 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0,00000 \$0,000 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0,00000 \$0,000 \$0,00 \$0,00 \$0,00 \$0,00 \$0,00	\$0.00 \$0.00 \$0.00 \$0.00
Adjustment to 2017 aswings Actual CEM Savings in 2011 Forecast CDM Savings in 2011 Ibstitution Rate in 2011 Income 2011 Joseph Revenue in 2017 from 2011 program Joseph Revenue in 2017 from 2014 program Joseph Revenue in 2017 from 2014 program Joseph Revenue in 2017 from 2015 program Joseph Revenue in 2017 from 2015 program Joseph Revenue in 2017 from 2017 program Joseph Revenue in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program Forecast Lord Revenues in 2017 from 2017 program	True-up	12,199,921				0	1,659			7,237,137 4,162,697 S0.0000 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00	1,146,545 1,601,765 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	8,152 1,126 50,00000 50,000 50,00 50,00 50,00 50,00 50,00 50,00 50,00 50,00 50,00	45 697 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$5,877 \$0,00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0 722 \$0.00000 \$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 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.00000 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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,	\$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

17 Savings Persisting in 2020		5,8	32,108	1,199,105	9,036 5	0 0	0	0	0	0	0	0		0	
ste: LDC to make note of key assumptions inclu	ded above														
ible 5-d. 2018 Lost Revenues Work Form		them in ten.													
	Results	Net Energy Net Energy Savings Persistence (NWh) Net Demand Savings Persistence (NW) Savings (NW) Net Demand Savings Persistence (NW)						Rate Alloca	tions for LRAM	VA					
Program	Status	2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 Multiplier 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 Res	idential	GS<50 kW Se	General rvice 50 - 1,000 - 4	Service one Lw Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use						Total
gacy Framework				kWh	kW K		kW	Load	W						سر سب
esidential Program	Madford		KAVITI	KIWII	KVV K	v KV	KW	KAVIII	KVV						0%
Sustment to 2018 savings	Verified True-up		1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Annual Retailer Event Initiative fjustment to 2018 savings	Verified True-up		1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
opliance Retirement Initiative Sustment to 2018 savings	Verified True-up														0%
		0	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
/AC Incentives Initiative fjustment to 2018 savings	Verified True-up		1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
sidential New Construction and Major justment to 2018 savings	Verified True-up		1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
mmercial & Institutional Program	irue-up ;		1.00%	0.00%	0.00% 0.0	U.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ergy Audit Initiative ustment to 2018 savings	Verified True-up	12	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ciency: Equipment Replacement	Verified	12													01
entive Initiative ustment to 2018 savings	True-up		1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ect Install Lighting and Water Heating	Verified	12													01
iative justment to 2018 savings	True-up		1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
v Construction and Major Renovation	Verified	12													0
ative ustment to 2018 savings	True-up	12	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
sting Building Commissioning Incentive ative ustment to 2018 savings	Verified	3													0
	True-up	3	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ustrial Program cess and Systems Upgrades Initiatives -	Verified	12													01
ject Incentive Initiative ustment to 2018 savings	True-up		1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ess and Systems Upgrades Initiatives - itoring and Targeting Initiative	Verified	12													0
stment to 2018 savings	True-up		1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified	12													0
ess and Systems Upgrades Initiatives - gy Manager Initiative stment to 2018 savings	True-up		1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Program	Verified														0
Income Initiative stment to 2018 savings	True-up		1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ginal Conservation Program tment to 2018 savings	Verified	0													
	True-up	0	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ram Enabled Savings stment to 2018 savings	Verified True-up	0	1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
servation Fund Pilot: servation Fund Pilot - EnerNOC	Verified														0
servation Fund Pilot - EnerNUC istment to 2018 savings	True-up	12 0	1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
olaws Pilot ustment to 2018 savings	Verified True-up	12	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
servation Fund Pilot - SEG	Verified True-up	12													0
justment to 2018 savings		12	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
cial Benchmarking Plior ustment to 2018 savings	Verified True-up	12	1.00%	0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
nservation First Framewori sidential Province-Wide Program															
sidential Province-Wide Program ve on Energy Coupon Program justment to 2018 savings	Verified True-up		1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified		10.00%												10
e on Energy Heating and Cooling gram ustment to 2018 savings	True-up		10.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e on Energy Instant Discount Program	Verified	1,167,569 0 1,157,971 0 0 0 0 0 0 0 0 50 80 10	0.00%	0.00%	0.00% 0.0			0.00%	0.00%	0.00%	0.00%	0.00%			10
stment to 2018 savings on Energy Smart Thermostal	True-up Verified		10.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
stment to 2018 savings	True-up	44,471 44,471 10	10.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Province-Wide Program	Verified														0
on Energy Audit Funding Program tment to 2018 saving:	True-up		1.00%		0.00% 0.0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
on Energy Retrofit Program stment to 2018 savings	Verified True-up	4,611,251 4,588,446 12 658 934 1	1.00%	6.32% 6.32%	90.19% 2.0 90.19% 2.0	7% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
on Energy Small Business Lighting	Verified	15.117 9.720 12 2 1		41.00%	56.00%										9
on Energy Small Business Lighting am tment to 2018 savings	True-up		1.00%		56.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e on Energy High Performance New struction Program istment to 2018 savings	Verified	12													
	True-up	12	1.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ve on Energy Existing Building mmissioning Program ustment to 2018 savings	Verified	61,600 61,800 3 16 16			00.00%										10
	True-up		1.00%	0.00% 1	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
e on Energy Process & Systems grades Program ustment to 2018 savings	Verified True-up	12													01
		12	1.00%	0.00%	0.00% 0.00	056 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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Total Lost Revenues in 2018 Forecast Lost Revenues in 2011 LRAMVA in 2018 2018 Savings Persisting in 2015 2018 Savings Persisting in 2021												\$122,041.96 \$31,635.81 0 1.805.874	\$81,249.13 \$31,713.76	\$210,980.14 \$4,966.45	\$4,112.10 \$1,092.18	\$0.00 \$81.39	\$0.00 \$873.08	\$0.00 \$1,244.93	\$799.82 \$1,415.63	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$419,183.15 \$73,023.22 \$346,159.93
Distribution Rate in 2018 from 2011 programs Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2013 programs Lost Revenue in 2018 from 2013 programs Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2019 programs L												\$0.00760 \$8,578.17 \$3,610.18 \$5,041.52 \$9,832.70 \$11,068.84 \$27,788.95 \$44,324.02 \$13,797.59	\$0.01980 \$1,380.22 \$6,316.90 \$4,447.21 \$11,391.41 \$17,602.62 \$10,470.44 \$23,747.28 \$5,893.05	\$4.41070 \$28,852.61 \$23,332.72 \$10,672.75 \$10,347.07 \$17,443.08 \$41,561.54 \$39,519.26 \$41,251.10	\$1.79930 \$0.00 \$212.30 \$316.46 \$1,457.02 \$869.71 \$783.67 \$89.32 \$383.62	\$27.13030 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$19.84270 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.03470 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1.96070 \$0.00 \$0.00 \$402.32 \$397.50 \$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$34,811.00 \$33,472.10 \$20,880.27 \$33,425.69 \$46,984.25 \$80,604.60 \$107,679.88 \$61,325.36
Actual CDM Savings in 2011 Forecast CDM Savings in 2011	irue-up	6,503,649			 	-	12	1,078		-		1,815,472 4,162,607	297,629 1,601,705	9,353	213 607	0 3	0 44	0 35,877	0.00% 0 722	0	0.00%	0 0	0.00%	0 0	0.00%	
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Adjustment to 2018 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%
B Direct Install - RTU Controls (Pilot Savings) Adjustment to 2018 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%
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings Adjustment to 2018 savings Toronto Hydro-Electric System Limited -	True-up						12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 savings	True-up Verified						12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	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%
Oakville Hydro Electricity Distribution Inc	Verified						12																			0%
Niagara-on-the-Lake Hydro Inc Direct 1 Install Energy Efficiency Measures for the Agricultural Sector Adjustment to 2018 savings	Verified True-up						12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	Verified True-up						12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings Kitchener-Wilmot Hydro Inc Pilot - DCKV	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%	
Hydro Ottawa Limited - Residential Demand 2 Response Wi-Fi Thermostat Pilot	Verified																									0%
Voltage Regulation (CVR) Leveraging AMI Data Pliot Adjustment to 2018 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%
Benchmarking Pilot Adjustment to 2018 savings Hydro Ottawa Limited - Conservation	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%	<i>-</i> 7%
Motor Plinic Adjustment to 2018 savings Horizon Utilities Corporation - Social	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 2018 savings	True-up Verified						12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings 8 EnWin Utilities Ltd Re-Invest Pilo	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%
EnWin Utilities Ltd Building Optimization	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%
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2018 savings	Verified						12					0.00%							0.00%							0%
Social Benchmarking Local Program Adjustment to 2018 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%
First Nation Conservation Local Program Adjustment to 2018 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%
Local & Regional Program: 3 Instant Savings Adjustment to 2018 savings	Verified True-up	354,596	354,596				0 0	55	 5			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%
2 Save on Energy Energy Manager Program Adjustment to 2018 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%
Program Adjustment to 2018 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%

Table 5-e. 2019 Lost Revenues Work For		Net Energy Savings (kWh)			Net	Energy Savin	gs Persister	nce (kWh)				Net Demand Savings (kW)		Net	Peak Dema	nd Savings	Persistenc	ce (kW)								Rate Allo	cations for LRAM	//////////////////////////////////////						
Program	Results Status	2019	2020	2021	2022	2023	2024 21	025 202	6 2027	2028	Monthly Multiplier	2019	2020	621 262	2 2023	2024	2025	2026 203	7 2028	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
Legacy Framework																				kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	
Actual CDM Savings in 201!		0																		0	0	0	0	0		0	0		0	0		0	0	
Forecast CDM Savings in 2011			_			1	_		-	-				_	_	_	1			0	0	. 0	0			. 0	0		. 0	0			0	
Distribution Rate in 2015 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2019 programs Lost Revenue in 2019 from 2019 programs Lost Revenue in 2010 from 2019 programs Lost Revenue in 2010 from 2019 programs Lost Revenue in 2010 from 2019 programs Lost Revenue in 2019 from 2019 Forecast Lost Revenues in 2011 LRAMVA in 2011																				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
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 incl	uded above																																	

		Net Energy Savings (kWh)			Net Ener	gy Savings P	ersistence	(kWh)				Net Demand Savings (kW)			Net Peak	Demand	Savings	Persistenc	(kW)									Rate Allor	cations for LRAI	MVA						
Program	Results Status	2020	2021	2022	2023 20	24 2025	2026	2027	2028	2029	Monthly Multiplier	2020	2021	2022	2023	2024	2025	2026	2027	2028 1	2029 Re	sidential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							
cy Framework																						kWh	kWh	kW	kW	kW	kW	kWh	kW		0	0		0	0	
al CDM Savings in 2021												0										0	0	0	0		0	0	0		0	0		0	0	
cast CDM Savings in 2021									1	1												0	0	0	0	0		0	0		0	0		0	0	
bution Rate in 2020 Revenue in 2020 from 2011 programs Revenue in 2020 from 2012 programs																						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							
evenue in 2020 from 2013 programs evenue in 2020 from 2014 programs evenue 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 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00								
avenue in 2020 from 2016 programs avenue in 2020 from 2017 programs avenue 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 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00								
Revenue in 2020 from 2019 programs Revenue in 2020 from 2020 programs Lost Revenues in 2020 past Lost Revenues in 2021																						\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	

Note: LDC to make note of key assumptions included above

5. 2015-2020 ISAM



LRAMVA Work Form: Carrying Charges by Rate Class

Version 4.0 (2020)

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

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

Table 6. Prescribed Interest Rates

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

Go to Tab 1: Summary

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.10%
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	
2020 Q#	1

2020	Q4	

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
Jan-11 Feb-11	2011 2011	Q1 Q1	0.12% 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	\$0.0 \$0.0
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Jul-11 Aug-11	2011 2011	Q3 Q3	0.12% 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	\$0.0 \$0.0
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.0
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.0
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
otal for 2011 mount 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	\$0.0
pening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.0
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	\$0.0
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	\$0.0
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	\$0.0
Jun-12 Jul-12	2011-2012 2011-2012	Q2 Q3	0.12% 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	\$0.0 \$0.0
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	\$0.0
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	\$0.0
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	\$0.00	\$0.00	\$0.0
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
otal for 2012 mount 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	\$0.0
pening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.0
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
May-13 Jun-13	2011-2013 2011-2013	Q2 Q2	0.12% 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	\$0.0 \$0.0
Jul-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	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.0
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	\$0.00	\$0.0
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	\$0.00	\$0.0
Nov-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	\$0.00	\$0.0
Dec-13 otal 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 \$0.00	\$0.00 \$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
mount Cleared	1			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	30.0
pening Balar				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
Feb-14 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	\$0.00	\$0.00	\$0.0
Mar-14 Apr-14	2011-2014	Q1 Q2	0.12% 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	\$0.0 \$0.0
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	\$0.0
Jun-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	\$0.0
Jul-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	\$0.00	\$0.00	\$0.00	\$0.0
Aug-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	\$0.00	\$0.0
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	\$0.00	\$0.0
Oct-14 Nov-14	2011-2014	Q4 Q4	0.12% 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	\$0.0 \$0.0
Dec-14	2011-2014	Q4 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
otal for 2014	2011 2014		0.1270	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00				\$0.00	\$0.00	\$0.00	
mount Cleared																		
pening Balan		04	0.400/	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.0
Jan-15 Feb-15	2011-2015 2011-2015	Q1 Q1	0.12% 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	\$0.0 \$0.0
	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	\$0.0
		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	\$0.0
Mar-15 Apr-15	2011-2015																	
	2011-2015 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	\$0.0

1																		
Jul-15 Aug-15	2011-2015	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	
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	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	
Nov-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	
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 \$0.00	\$0.00 \$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 Amount Cleared	H			\$0.00	\$0.00	\$0.00	\$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 Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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	
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	\$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
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	\$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	\$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	
Aug-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	
Sep-16 Oct-16	2011-2016 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	\$0.00 \$0.00	\$0.00 \$0.00	\$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	\$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	
Total for 2016				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared		•		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Opening Balan 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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00
Feb-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	
Mar-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	\$0.00
Apr-17	2011-2017	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	
May-17 Jun-17	2011-2017 2011-2017	Q2 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
Jun-17 Jul-17	2011-2017	Q2 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-17	2011-2017	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	
Sep-17	2011-2017	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-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-17 Dec-17	2011-2017 2011-2017	Q4 Q4	0.13% 0.13%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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 2017	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Amount Cleared	d							,						,		, , , ,		
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-18 Feb-18	2011-2018 2011-2018	Q1 Q1	0.13% 0.13%	\$0.00 \$9.42	\$0.00 \$5.16	\$0.00 \$21.46	\$0.00 \$0.31	\$0.00 -\$0.01	\$0.00 -\$0.09	\$0.00 -\$0.13	\$0.00 -\$0.06	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$36.06
Mar-18	2011-2018	Q1	0.13%	\$9.42 \$18.83	\$10.32	\$21.46 \$42.92	\$0.63	-\$0.01	-\$0.09		-\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Apr-18	2011-2018	Q2	0.16%	\$35.60	\$19.50	\$81.12	\$1.19	-\$0.03	-\$0.34	-\$0.49	-\$0.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$136.30
May-18	2011-2018	Q2	0.16%	\$47.46	\$26.01	\$108.16	\$1.59	-\$0.04	-\$0.46		-\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jun-18	2011-2018	Q2	0.16%	\$59.33	\$32.51	\$135.20	\$1.98	-\$0.05	-\$0.57	-\$0.82	-\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$227.17
Jul-18 Aug-18	2011-2018 2011-2018	Q3 Q3	0.16% 0.16%	\$71.19 \$83.06	\$39.01 \$45.51	\$162.24 \$189.28	\$2.38 \$2.77	-\$0.06 -\$0.07	-\$0.69 -\$0.80	-\$0.98 -\$1.14	-\$0.48 -\$0.57	\$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-18	2011-2018	Q3	0.16%	\$94.93	\$52.01	\$216.31	\$3.17	-\$0.09	-\$0.92	-\$1.31	-\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$363.47
Oct-18	2011-2018	Q4	0.18%	\$122.61	\$67.18	\$279.41	\$4.10	-\$0.11	-\$1.18	-\$1.69	-\$0.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$469.48
Nov-18	2011-2018	Q4	0.18%	\$136.24	\$74.65	\$310.45	\$4.55	-\$0.12	-\$1.32		-\$0.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec-18 Total for 2018	2011-2018	Q4	0.18%	\$149.86 \$828.53	\$82.11 \$453.97	\$341.50 \$1,888.03	\$5.01 \$27.68	-\$0.13 - \$0.75	-\$1.45 - \$8.00	-\$2.06 -\$11.41	-\$1.02 -\$5.64	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$573.81 \$3,172.41
Amount Cleared	d			\$020.55	\$400.01	\$1,000.03	\$27.00	-40.13	-40.00	-911.41	-95.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,172.41
Opening Balan	nce for 2019	***************************************		\$828.53	\$453.97	\$1,888.03	\$27.68	-\$0.75	-\$8.00	-\$11.41	-\$5.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,172.41
Jan-19	2011-2019	Q1	0.20%	\$184.58	\$101.13	\$420.61	\$6.17	-\$0.17	-\$1.78	-\$2.54	-\$1.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$706.74
Feb-19 Mar-19	2011-2019	Q1 Q1	0.20% 0.20%	\$184.58 \$184.58	\$101.13 \$101.13	\$420.61 \$420.61	\$6.17 \$6.17	-\$0.17 -\$0.17	-\$1.78 -\$1.78	-\$2.54 -\$2.54	-\$1.26 -\$1.26	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$706.74 \$706.74
Apr-19	2011-2019	Q2	0.20%	\$184.58 \$164.24	\$89.99	\$420.61	\$5.17 \$5.49	-\$0.17 -\$0.15	-\$1.78 -\$1.59		-\$1.26 -\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
May-19	2011-2019	Q2	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59	-\$2.26	-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$628.86
Jun-19	2011-2019	Q2	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59		-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$628.86
Jul-19	2011-2019	Q3 Q3	0.18%	\$164.24 \$164.24	\$89.99 \$89.99	\$374.26 \$374.26	\$5.49	-\$0.15	-\$1.59 -\$1.59	-\$2.26 -\$2.26	-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$628.86 \$628.86
Aug-19 Sep-19	2011-2019	Q3 Q3	0.18%	\$164.24 \$164.24	\$89.99 \$89.99	\$374.26 \$374.26	\$5.49 \$5.49	-\$0.15 -\$0.15	-\$1.59 -\$1.59	-\$2.26 -\$2.26	-\$1.12 -\$1.12	\$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-19	2011-2019	Q4	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59		-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$628.86
Nov-19	2011-2019	Q4	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59	-\$2.26	-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Dec-19	2011-2019	Q4	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59		-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Total for 2019 Amount Cleared	4			\$2,860.41	\$1,567.28	\$6,518.19	\$95.55	-\$2.58	-\$27.62	-\$39.39	-\$19.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,952.36
Opening Balan				\$2,860.41	\$1,567.28	\$6,518.19	\$95,55	-\$2.58	-\$27.62	-\$39.39	-\$19.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,952.36
Jan-20	2011-2020	Q1	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59	-\$2.26	-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$628.86
Feb-20	2011-2020	Q1	0.18%	\$164.24	\$89.99	\$374.26	\$5.49	-\$0.15	-\$1.59		-\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$628.86
Mar-20 Apr-20	2011-2020	Q1 Q2	0.18%	\$164.24 \$164.24	\$89.99 \$89.99	\$374.26 \$374.26	\$5.49 \$5.49	-\$0.15 -\$0.15	-\$1.59 -\$1.59	-\$2.26 -\$2.26	-\$1.12 -\$1.12	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$628.86 \$628.86
Apr-20 May-20	2011-2020	Q2 Q2	0.18%	\$164.24 \$0.00	\$89.99	\$374.26 \$0.00	\$5.49 \$0.00	-\$0.15 \$0.00	-\$1.59 \$0.00	-\$2.26 \$0.00	-\$1.12 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$628.86 \$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	\$0.00
Aug-20	2011-2020	Q3	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-20 Oct-20	2011-2020	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-20	2011-2020	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	\$0.00
Dec-20	2011-2020	Q4	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2020				\$3,517.36	\$1,927.24	\$8,015.22	\$117.49	-\$3.17	-\$33.97	-\$48.44	-\$23.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,467.78
Amount Cleared	d																	

Supporting Documentation: LDC Persistence Savings Results from IESO

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

1. Columns B to H of this stab have been structured in a way to match the formating of the persistence report provided by the ESO. Please copy and pasts the program information by initiative in Columns B to H and the corresponding demand and energy acaiving a data by initiative in Columns L to ET of this work form.

2. Please identify this purpose of the suppose of the columns B.

3. To tectable the initiation of degligatiment on propose of the columns B.

4. Please identify that it saving was represented (i.e., currer year savings for the year or an adjustment would be destrifted with a prior year implementation in the fluxury savings would be identified with an implementation year of the persistence report. As average adjustment would be destrifted with a prior year implementation in the fluxury year's res.

5. Please removally provided by the ESO.

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6. Please removally provided by the ESO.

	Step: Portfolio	es Program	Initiative	LDC	Sector	Conservation	#2 (Implementation)	#2 Identify Source of Repor	ed Identify Status of Savings	#2 Net Verif	ied Annual P	eak Dema	nd Savings	at the En	d-User Lev	el (kW)										
						Resource Type	Year								_								- 1			
Column										ž	2	ŝ	1	1	3	1	ž	1	È	ž	ž .	3	ž	1		ė L
	Tier 1					er e				3	41	41	40	26			0	0;	0	- 0	- 01		0;	0	0	0;
	Tier 1	Consumer	Bi-Annual Retailer Event	Elluewater Power Distribution Corporation	Residential	EE	201	1 2011 Results Persistence	Current year sayings	11	- 11	11	11	10	9		7	9	4	1	1	1	1	1	0	
	Tier 1	Consumer	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	EE .	201	2011 Results Persistence		401	7	7 405		405	405	405	405	405	405	405	405	405	405	405	405	405
	Tier 1	Business	Demand Response 3 (part of the Industrial proj	Bluewater Power Distribution Corporation	Commercial & Institutional	DR	201	2011 Results Persistence	Current year savings	402										0			0	0	0	0;
	Tier 1	Business	Oirect Install Lighting	Bluewater Power Distribution Corporation	Commercial & Institutional	tt	201	2011 Results Persistence	Current year sayings	92	91	91	80	80	80	11	- 11	11	11	10	10	0	0;			
Column	Tier 1	Industrial	Secrons Demand Response 3	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Industrial	DR	201				E 01											- 0	0.			
Column C	Tier 1	Industrial	Retrofit	Bluewater Power Distribution Corporation	Industrial	22	201	2011 Results Persistence	Current year savings	21	23			23	23	23	23	23	23		23	0				
Column C	Tier 1	Pre-2011 Pros	Electricity Retrofit Incentive Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional	EE .	201	2011 Results Persistence	Current year savings	433	432	432	432	432	432	432	432	432	432	432	432	432				
	Tier 1	Business	Direct Install Lighting	Bluewater Power Distribution Corporation	CBI	££	201	2 2012 Results Persistence	Current year savings		246	246	246	197	197	40	40	37	37	37	36	36				
Column	Tier 1	Business	Retrofit	Bluewater Power Distribution Corporation	CBI	EE.	201	2 2012 Results Persistence	Current year savings		294	292	292	291	291	263	262	262	258	247	226	226	68	68	68	13
Column	Tier 1	Consumer	Appliance Retirement	Sluewater Power Distribution Corporation	Residential	tt.	201	2 2012 Results Persistence 2 2012 Results Persistence	Current year savings		24	24	24		12											
Column	Tier 1	Consumer	Bi-Annual Retailer Event	Elizewater Power Distribution Corporation	Residential	22	201	2012 Results Persistence			10	10	10	10	9	7	6	6	6	4	1	1	1	1	1	1
Column	Tier 1	Consumer	HVAC Incentives	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential	EE	201	2 2012 Results Persistence	Current year sayings		208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208
Column C	Tier 1	Home Assistan	Home Assistance Program	Silvewater Power Distribution Corporation	Residential	tt	201	2 2012 Results Pensistence	Current year savings		2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
The content of the	Tier 1	Pre-2011 Pro-	Demand Response 3 High Derformance New Construction	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial CE	DR FF	201	4 2012 Results Pensistence	Current year savings		1,798	161	161	161	161	161	161	161	161	161	161	161				
The column Column	Tier 1	Business	Demand Response 3 (part of the Industrial prog	Elluewater Power Distribution Corporation	CBI	DR	201	2 2012 Results Persistence	Current year sayings		72											0				
The content of the	Tier 1	Consumer	Residential New Construction	Bluewater Power Distribution Corporation	Residential	22	201					0	0	0		. 0	0	0	0	0	0	0	0	0	0	0
The content of the	Non-Tier 1	Business	Demand Response 3	Sluewater Power Distribution Corporation	Business	DR	201	2 2012 Results Persistence 2 2012 Results Persistence			152									0						
The content of the	Tier 1 - 2011 Adjustment	Business	Retrofit	Silvewater Power Distribution Corporation	CEI	23	201	1 2012 Results Persistence	Adjustment	14	14	14	14	14	14	13			. 0	0	0	0				
The column The	Tier 1 - 2011 Adjustment	Consumer	HVAC Incentives			EE.	201	2012 Results Persistence	Adjustment	-60	-46	-45	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46
The column The	Tier 1 - 2011 Adjustment	Consumer	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation	Residential	tt.	201	2012 Results Persistence	Adjustment			1				0	0	0	0	0	0	0	. 0	0	0	
March Marc	Tier 1 - 2011 Adjustment LDC	Euriness .	Conservation Instant Coupon Booklet 09-3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Commercial & Institutional	DR	201	1 2012 Results Persistence 2 2013 Results Persistence	Adjustment Current year savines			195			0			0	0					0	0	
March Marc	LDC	Business	Retrofit	Elluewater Power Distribution Corporation	Commercial & Institutional	tt	201	2 2013 Results Persistence	Adjustment		48	48	48	48	48	38	37	37	33	31	28	28	0	0	0	0
Column	LDC	Business	Retrofit Small Suniness Liebting			CE.	201	2 2013 Results Persistence	Current year savings			244	214	221						199	190	178	178	118	63	63
Column	LDC	Business	Small Business Lighting	Bluewater Power Distribution Corporation	Commercial & Institutional	EE			Current year savings			134	134	131	117	41	41	41	41	41	41	40	22			
Column	LDC	Consumer	Annual Loupons	Siturwater Power Distribution Corporation	Residential	22			Current year savings			3	3			3	3	3	3	2	2	2	2	2	2	2
Second Second	LDC	Consumer	Appliance Retirement	Silvewater Power Distribution Corporation	Residential	EE	201	2013 Results Persistence	Current year savings			17	16	15	15	9						3				
Column	LDC	Consumer	Bi-Annual Retailer Events	Bluewater Power Distribution Corporation	Residential	22	201	2013 Results Persistence	Current year savings					7	6	6	6	6	6	5		4	2	2	2	2
March Marc	LDC	Consumer	HOME Assistance Program		sesidential Residential	EE .	201	2 2013 Results Persistence 2 2013 Results Persistence	Adjustment			28					25	25	25	18	15					2
March Marc	LDC		IIVAC	Elluewater Power Distribution Corporation	Residential	tt			Current year savings		å	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
Column	LDC New LDC	Industrial	08-3	Silvewater Power Distribution Corporation	Industrial	DR DR	201	2013 Results Persistence	Current year savings			1,733										0				
The column Column	LDC	Consumer	Appliance Retirement	Elluewater Power Distribution Corporation	Residential	EE	201	2013 Results Persistence	Current year savings			0	0			0										
Column	LDC	Consumer	IIVAC	Sluewater Power Distribution Corporation	Residential	tt	201	2 2013 Results Pensistence			0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0
Column	LDC	Business	Direct Install Lighting Energy Audit	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial	22	201	4 2014 Results Persistence 2 2014 Results Persistence	Current year savings Adjustment			44	189	183	168	116	116	116	116	116	116	116	115	16		
The column Column	LDC	Business	High Performance New Construction		Commercial	tt	201	2014 Results Persistence				4		4	4	4	4	4	4	4	4	. 2	2	2	2	2
The column Column	LDC					rr rr	201	2 2014 Results Persistence 1 2014 Results Persistence			21	21 45	21 46	16 46				44	44	44	44				9	1
Column C	LDC		Retrofit	Bluewater Power Distribution Corporation	Commercial	22	201	4 2014 Results Persistence				0	248	248		241	241	241	237	237	233	216	193	190	146	9 126
Column C	LDC	Consumer	Appliance Exchange	Bluewater Power Distribution Corporation	Residential	EE.	201	4 2014 Results Persistence	Current year savings				12	12	12	12						0				
Column	LDC				Residential	EE.	201		Current year savings				4	4	4	4										
March Marc	LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation	Residential	CC 33	201	4 2014 Results Persistence	Current year savings				6	6	6	. 6										
Column C	LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	rr rr	201	4 2014 Results Persistence 4 2014 Results Persistence					52	7 45	47	7 47	47	42	42	42	42	20	36	30	10	30:
Column C	LDC	Consumer	Conservation Instant Coupon Booklet	Sluewater Power Distribution Corporation	Residential	EE.	201	2014 Results Persistence	Adjustment			0	0			. 0	0	0				0	0	0	0	0
The column Column	inc	Consumer Home Assistes	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Sasidential	er and	201	4 2014 Results Persistence 2 2014 Results Persistence	Current year savings Adjustment			00	14	14		13	13	13	13	13	13	12	9	9	9)	8:
Column	LDC	Home Assistan	Home Assistance Program			22	201	2014 Results Persistence	Adjustment		. 0	0	0	0		. 0	0	0	0	0	0	0	0	0	0	0
Column	IDC	Home Assistar	Home Assistance Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	0.0	201	4 2014 Results Persistence 2 2014 Results Persistence	Current year savings		0 0	01		7	7		7	7	7	7	5	- 5	5	5	- 3	- 1
Company Comp	LDC	Consumer	HVAC Incentives	Bluewater Power Distribution Corporation	Residential	EE.	201	4 2014 Results Persistence	Current year savings			0	199	199	199	199	199	199	199	199	199	199	199	199	199	199
Company	LDC	Consumer	Residential New Construction	Bluewater Power Distribution Corporation	Residential	EE.			Adjustment		1	1	- 1	1	1	1	1	1	1	1	1	1	1	1		1
Column C	LDC					EE.	201	4 2014 Results Persistence				0	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Section Control Cont	LDC	Industrial	P9JI	Elizewater Power Distribution Corporation	Industrial	22	201	4 2014 Results Persistence	Current year savings		2 0	00	51	51	53	53	53	53	53	53	53	53	0:	0	0	0:
March Marc	LDC	Other	Time-of-Use Savings	Bluewater Power Distribution Corporation	Other	DR	201		Current year savings				439									0				
Column C	non-Tier 1	industrial	Demand Response 3	Elluewater Power Distribution Corporation	Industrial	DR	201	4 2014 Results Persistence	Current year savings				16								. 0	0				
Column C	Tier 1			Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial	DR DR	201	4 2014 Results Persistence 4 2014 Results Persistence					1 700													
Company Comp	Tier 1		Energy Managers			tt			Adjustment		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Company Comp	inc	Consumer	Loblaw PAP Conservation Fund Pilot Program Annium Retirement Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional	EE .	201	2015 Results Persistence	Current year savings					50	50	50	50	50	50	50	50	50	50			
Company Comp	LDC	Consumer	Coupon Initiative			22	201							21	21	21	21	21	21	21	21	21	21	18	18	18
No.	LDC	Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation	Residential	EE.	201	2015 Results Persistence	Current year savings					40	40	40	40	40	40	40	40	40	40	23	32	32
Name	LDC	Business	Officiency: Equipment Replacement Incentive In	Sluewater Power Distribution Corporation		EE .	201	2015 Results Persistence	Current year sayings					306	306	297	297	297	297	290	290	289	265	204	203	204 174
Note Content and positions from the content and positions from the content and positions of the con	LDC	Business	Oirect Install Lighting and Water Heating Initiati	Elizewater Power Distribution Corporation	Commercial & Institutional	22	201	2015 Results Persistence	Current year savings					66	57	38	38	38	38	38	38	38	38	37	11	
Column C	LDC	Industrial	Process and Systems Upgrades Initiatives - Pro Process and Systems Upgrades Initiatives - Ene	Silvewater Power Distribution Corporation	Industrial	11	201	2015 Results Persistence 5 2015 Results Persistence	Current year savings							19	19	19	19	- 1	19	19	6			
Company Comp	LDC	Other	Low Income Initiative			tt	201	5 2015 Results Pensistence	Current year savings					6	6	6	6	6	6	6	6	- 5		5	5	- 5
Company Comp	LDC		Coupon instative Bi-Acqual Retailer Event Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	commercial & Institutional Residential	EE.			Adjustment					3	3		3	3	3	3	2	- 3	3	3	0	3
December Section Process Pro	LDC	Consumer	HVAC Incentives Initiative	Elluewater Power Distribution Corporation	Residential	tt	201	2016 Results Persistence	Adjustment					2	2	2	2	2	2	2	2	2	2	2	2	2
Company Comp	LDC	Business	emiciency: Equipment Replacement Incentive In Existing Building Commissioning Incentive Initia	statuewater Power Distribution Corporation Silvewater Power Distribution Communication	Commercial & Institutional	EE .	201	2016 Results Persistence						16	16	16	16	16	16	16	16	16	16			
Compared According to the property of the	LDC					EE .	201	2016 Results Pensistence	Current year savings						178	178	178	178	178	178	178	178	178	177	171	171
Note: Note	LDC	Consumer		Silvewater Power Distribution Corporation	Residential	22	201	2016 Results Persistence	Current year savings						176	176	176	176	176	175	176	176	176	176	176	176
Autonome Name Content Name	LDC	Business	Save on Energy Audit Funding Program	Elluewater Power Distribution Corporation	Commercial & Institutional	EE	201	© 2016 Results Pensistence	Current year savings						2	2	2	2	2	2	2	2	2	2	0	0
Content	LDC		Save on Energy Retrofit Program			EE	201	5 2016 Results Persistence							152	148	148	148	148	148	148	148	148	148	147	105
No.	LDC	HULDON.	have on snergy Small Business Lighting Program Home Depot Home Appliance Market Health Co-		commercial & Institutional Residential	EE.	201	5 2016 Results Persistence	Current year savings						4	4	4	4	4	3	0					
Nation Section Secti	LDC	Business	Efficiency: Equipment Replacement Incentive In	Elluewater Power Distribution Corporation		EE	201	5 2017 Results Persistence	Adjustment					21	23	24	34	34	34	42	42	42	40	24	24	27
Company Comp	inc		Direct Install Lighting and Water Heating Initiati	A Silvewater Power Distribution Corporation	Commercial & Institutional	rr rr	201	5 2017 Results Persistence	Adjustment					-30	-22		10	19	19	19	10	10	19	19	19	19
April Company Compan	LDC		Save on Energy Heating & Cooling Program	Silvewater Power Distribution Corporation	Residential	EE	201	5 2017 Results Persistence	Adjustment						2					2		2		2		2
Section Sect	inc	HULDON.	Save on Energy Retrofit Program	situewater Power Distribution Corporation	Commercial & Institutional	rr rr	201	4-2017 Results Persistence							658	662	757	757	757	750	750	750	749	749	747	213
Compare Section Compare Compar	LDC		Save on Energy Energy Manager Program		Industrial	EE	201	5 2017 Results Persistence	Adjustment							i		0	0	0	0	0	0	0	0	0
Compare Section Compare Section Compare Section Compare Section Compare Section Compare Section Sect	LDC	Consumer	Save on Energy Coupon Program	Elluewater Power Distribution Corporation	Residential	22	201	7 2017 Results Pensistence	Current year savings							228	184	184	184	154	184	184	184	184	184	174 129
Column C	LDC					EE										187 149	149	149	149	149	149	149	149	149	149	129 149
Autonome Autonome	LDC					EE	201	2 2017 Results Persistence								29	29	29	29	29	29	29	29	29	28	2
March Marc	LDC		Save on Energy Audit Funding Program Save on Energy Retrofit Program			EE.	201	7 2017 Results Persistence								6 6 1	754	754	754	754	741	741		737	737	717
Company Comp	LDC	Business	Save on Energy Small Business Lighting Program	Elizewater Power Distribution Corporation	Commercial & Institutional	EE	201	7 2017 Results Pensistence	Current year savings							13	13	13	13	10		6	6	6	6	6
Company Comp	inc	Industrial	Save on Energy Energy Manager Program Instant Savines Local Engram		Industrial	rr rr	201	7 2017 Results Persistence 2 2017 Results Persistence	Current year savings	5						0					81	- 61	- 0	0		
Company Comp	LDC	Consumer		Silvewater Power Distribution Corporation		EE.	201	7 2017 Results Persistence	Current year savings							12	12	12	12	12	12	12	12	12	12	12
Commons Sea as long interest Boson freques Sea as long interest Boson freques Sea as	LDC	Business	Ontario Clean Water Agency PAP Conservation	Silvewater Power Distribution Corporation		tt	201	7 2017 Results Persistence								4	4	4	4	4	4	4	4	4	4	4
Text Contracts and an integration Theoremical Signal Security Report Security States (Security States (Security States)) and the Security States (Security States) and the Security States (Security S	LDC	Consumer	Save on Energy Instant Discount Program	Situewater Power Distribution Corporation Situewater Power Distribution Corporation	Residential	EE.	201 201	1	Current year savings								50		68 80							
No. Comment Select Selec	LDC	Consumer	Save on Energy Smart Thermostat Program			EE	201	4	Current year savings																	
CK Communic Control Foliage Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designating Program Designating Pr	LDC	Business	Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	EE .	201		Current year savings Current year savines								858		904							
CK Communic Control Foliage Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designation Designating Program Designating Program Designating Pr	LDC	Business	Save on Energy Existing Building Commissioning	Bluewater Power Distribution Corporation	Commercial & Institutional	tt	201	1	Current year savings	L							16		16							
CX	LDC	Consumer		Shawater Power Distribution Corporation	Commercial & Institutional	2016 Adi	201		Current year savings								55	2	55							
DC Consumer Low on Deep Health grant Confery Program Manuscrip Confery Deep Manuscrip Confe	LDC	Consumer	Save on Energy Coupon Program	Silvewater Power Distribution Corporation	Residential	2017 Adj.	201		Adjustment	l					2	0	0	0	0							
U.S. Lorenter pas on large years i nemonia regime i passere rower usurbulor Copporation. Commercial Limitational 2017-65. 2018 Midustreet. 105 Balves Ream Future former Drown in Bussel Experience Commercial Limitational 2017-66. 2018 Midustreet.	LDC	Consumer	Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation	Residential	2017 Adj.	201		Adjustment							10	10	10	10							
	LDC	Susiness	Save on Energy Smart Thermostat Program Save on Energy Retrofit Program	Situewater Power Distribution Corporation Situewater Power Distribution Corporation	Commercial & Institutional	2017 Adj. 2017 Adj.	201	1	Adjustment Adjustment							250	250	289	289							

Ontario Energy Board Supporting Documer
LDC Persistence Savings Re
Venton.

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

1. Columns B to H of this tab have been structured in a way to match the formating of the persistence report provided by the IESD. Please copy and paste the program information by initiative in 2. Please deletely the source of the superior with the opportunity of the persistence of persistence of persistence of persistence in the persistence of persistence in the persistence of persistence in the persistence of persistence in the persistence of persistence in the persistence of persistence in the persistence of persistence in the persisten

No. No.	Portfolio	Program	initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of Report	Identify Status of Savings												\neg
Column						Resource Type	Year														
Column										w	w	ww	ww	w	ANA	111	w	w	w	ww	AAA
Column	Tier 1			Bluewater Power Distribution Corporation	Residential	EE .	2011	2011 Results Persistence		0	0	0	0					0	0;	0	0
Column	Tier 1	Consumer	B-Annual Retailer Event	Bluewater Power Distribution Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings						0						0
Column	Tier 1 Tier 1	Consumer Consumer	IVAC Incentives			EE	2011	2011 Results Persistence	Current year sayings	333					0						0
Column	Tier 1 Tier 1	Business Business	Demand Response 3 (part of the Industrial progr Direct Install Lighting	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	DR EE			Current year savings						0						0
Column	Tier 1	Business	Retrofit	Silvewater Power Distribution Corporation		EE .	2011	2011 Results Persistence	Current year savings						0						0
Column	Tier 1		Retrofit	Silvewater Power Distribution Corporation	Industrial	tt	2011	2011 Results Pensistence	Current year savings						0						0
Column	Tier 1	Pre-2011 Prog	ligh Performance New Construction	Silvewater Power Distribution Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savines	1	1	1	1	- 1	1	1	1				
Column	Tier 1 Tier 1	Business Business	Direct Install Lighting Retrofit	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	CBI	EE		2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings	13	13	13			0						0
Column	Tier 1 Tier 1	Consumer Consumer	Appliance Exchange Appliance Retirement	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings						0	OÈ					0
Column	Tier 1	Consumer	S-Annual Retailer Event	Silvewater Power Distribution Corporation	Residential Residential	EE .	2012	2012 Results Persistence	Current year savings			0			0	- 0					0
Column	Tier 1	Consumer	WAC Incentives		Residential Seridential	22	2012	2012 Results Persistence	Current year savings	208	159	0	0								
The column	Tier 1	Industrial	Demand Response 3			DR	2012	2012 Results Persistence	Current year savings												0
Column	Tier 1	Business	Demand Response 3 (part of the Industrial progr	Sluewater Power Distribution Corporation	CSI	DR	2012	2012 Results Persistence	Current year savings						0						0
Column	Tier 1 Non-Tier 1		Residential New Construction Demand Response 3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Industrial	DR.	2012	2012 Results Pensistence	Current year savings	0					0						0
Column	Non-Tier 1 Tier 1 - 2011 Adjustment	Business Business	Demand Response 3 Retrofit	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Business C&I	DR EE	2011	2012 Results Persistence 2012 Results Persistence	Adjustment						0						0
The column The	Tier 1 - 2011 Adjustment	Business	Direct Install Lighting			EE .				-39					0	0					0
Column	Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Consumer		Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	EE .	2011	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment												0
Section Sect	LDC	Business Business		Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	DR EE	2013	2013 Results Persistence 2013 Results Persistence	Current year savings Adjustment						0	0					
Section Sect	LDC	Business	Netrolit	Silvewater Power Distribution Corporation	Commercial & Institutional	22	2013	2013 Results Persistence	Current year savings	12	9	9	9								0
Column	LDC	Business	irnal Business Lighting	Bluewater Power Distribution Corporation	Commercial & Institutional	EE				0	0	0	0		0						
Column	LDC					EE.	2013	2013 Results Persistence	Current year savings						0		9				
Column	LDC	Consumer	Bi-Acquai Retailer Events	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	22	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings	2	1	1	1		0	0					0
Column	LDC	Consumer	Kome Assistance Program IVAC	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	22	2013 2012	2013 Results Persistence 2013 Results Persistence	Adjustment	2 1	2 1	2 1	2	2	0	0					0
Column	LDC	Consumer Industrial	WAC 08-3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Industrial	DR DR	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings	170	170	122			0						0
See - March -	Non-LDC LDC	Industrial Consumer	19-3 Appliance Retirement	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Industrial Residential	DR EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings						0	0					0
Column	LDC			Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Commercial	EE	2012	2013 Results Persistence 2014 Results Persistence	Adjustment Current year savings	0	0	0			0						0
Second	LDC LDC	Business	Inergy Audit	Elluewater Power Distribution Corporation		EE .	2013	2014 Results Persistence 2014 Results Persistence	Adjustment												
Section March Ma	LDC	Business	Retrofit	Elluewater Power Distribution Corporation	Commercial	EE.	2012	2014 Results Persistence	Adjustment	1		1	0								
Column	LDC	Business	HEFORE			EE	2014	2014 Results Persistence	Current year savings	80	29	29	29	29							0
Column	LDC	Consumer	Appliance Retirement	Silvewater Power Distribution Corporation	Residential	EE	2014	2014 Results Pensistence	Current year savings						0	- O					0
Column	LDC	Consumer	Appliance Retirement	Elluewater Power Distribution Corporation	Residential	EE 23	2014	2014 Results Pensistence	Current year savings						0						0
Second Second Second manufact from bring Second	LDC	Consumer	Appliance Retirement 3-Annual Retailer Event	Elluewater Power Distribution Corporation	Residential Residential	EE .	2014 2014	2014 Results Persistence	Current year savines	30	24	24	24	24	0	- CE	04	0		0	0
Second Column Col	LDC	Consumer	Conservation Instant Coupon Booklet Conservation Instant Coupon Booklet	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	EE 23	2013 2014	2014 Results Persistence 2014 Results Persistence	Adjustment Current year savings	0	0	0	0			- OE					0
Section Perform Control Cont	LDC	Home Assistan	Nome Assistance Program	Silvewater Power Distribution Corporation	Residential	tt rr	2012	2014 Results Persistence	Adjustment												0
Section Sect	LDC		Kome Assistance Program	Elluewater Power Distribution Corporation	Residential Residential	22	2014	2014 Results Persistence	Current year savings	1	1	1	1	1	1			0		0	0
Column	LDC	Consumer	WAC Incentives		Residential	EE .	2014	2014 Results Persistence	Current year savings	199	199	199	175			0					0
Column C	LDC	Consumer	Residential New Construction	Silvewater Power Distribution Corporation	Residential	EE .	2013	2014 Results Pensistence	Adjustment	1	1					OF.					
Column C	LDC	Industrial	PSUI	Bluewater Power Distribution Corporation	Industrial	EE	2014 2014	2014 Results Persistence	Current year savings	0	0	. 0			0	10					
March Marc	LDC	Other	Time-of-Use Savings	Elluewater Power Distribution Corporation		DR	2014	2014 Results Pensistence							0						9
March Marc	non-Tier 1 Tier 1			Elluewater Power Distribution Corporation	Industrial Commercial	DR DR	2014	2014 Results Persistence	Current year savings						0	0					0
Column C	Tier 1 Tier 1			Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Industrial Industrial	DR EE	2014 2012	2014 Results Persistence 2014 Results Persistence	Current year savings Adjustment	10	10	10									0
Section Company Comp	LDC	Other Consumer		Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Commercial & Institutional Residential	22	2015	2015 Results Persistence	Current year savings						0	- 3					
Column	LDC	Consumer	Coupon Initiative	Elluewater Power Distribution Corporation	Residential Residential	EE .	2015	2015 Results Persistence	Current year savings		18	7	7	7:	7 12	OF.					0
Section Sect	LDC	Consumer	IVAC Incentives Initiative	Elluewater Power Distribution Corporation	Residential	22	2015	2015 Results Persistence	Current year savings	204	204			184	0						0
Column C	LDC					EE	2015	2015 Results Persistence	Current year savings	0	0	0	0		0						0
Section Proceedings	LDC	industrial Industrial	rnocess and Systems Upgrades Initiatives - Proje Process and Systems Upgrades Initiatives - Energ	sissewater Power Distribution Corporation Situewater Power Distribution Corporation	industrial Industrial	EE	2015 2015	2015 Results Persistence	Current year savings						0	- 8					0
Section Control Cont	LDC	Other	ow Income Initiative	Elluewater Power Distribution Corporation	Commercial & Institutional	22	2015 2015	2015 Results Persistence 2016 Results Persistence	Current year savings Adjustment	1	1 3	1 2	1 2	1 2	1 2						0
Section Automatic Automa	LDC	Consumer	3:-Annual Retailer Event Initiative IVAC Incentives Initiative	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	33	2015 2015	2016 Results Persistence 2016 Results Persistence	Adjustment Adjustment	2	2	2	0	2	0	0					0
Section Sect	LDC	Business Business	Officiency: Equipment Replacement Incentive In Disting Building Commissioning Incentive Initial	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	CE CE	2015	2016 Results Persistence 2016 Results Persistence							0	05					0
Section Sect	LDC	Consumer	Save on Energy Coupon Program Save on Energy Heating & Cooling Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	EE EE	2016 2016	2016 Results Persistence	Current year savings	171	148	148 176	67 176	176	160	00					0
Column	LDC		lave on Energy Home Assistance Program		Residential	22	2016	2016 Results Persistence	Current year savings	1	1	1	1	1	1	1					- 0
Column	LDC		lave on Energy Retrofit Program			EE .	2016 2016	2016 Results Persistence	Current year savings	19	11					9					0
Section Sect	LDC	Consumer	Kome Depot Home Appliance Market Uplift Core	Bluewater Power Distribution Corporation	Commercial & Institutional Residential	EE	2016 2016		Current year savings						0	9	9				0
Company	LDC	Business Business	Direct Install Lighting and Water Heating Initiativ	Elluewater Power Distribution Corporation		22	2015 2015		Adjustment				3	3	1						0
Column C	LDC	Consumer	Save on Energy Coupon Program Save on Energy Heating & Cooling Program		Residential Residential	23	2016 2016	2017 Results Persistence 2017 Results Persistence	Adjustment Adjustment			. 2	7 2	2	2						0
Column	LDC	Business	lave on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	23		2017 Results Persistence	Adjustment Adjustment	49	12				0	0					0
Section Continue	LDC	Industrial Consumer	lave on Energy Energy Manager Program lave on Energy Coupon Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Industrial	EE EE	2016 2017	2017 Results Persistence 2017 Results Persistence	Adjustment Current year savings				150	20	0						0
Company	LDC	Consumer	lave on Energy Instant Discount Program	Silvewater Power Distribution Corporation		EE EE			Current year savings Current year savings	129	109	109	85	67 149	149	126					0
Column C	LDC	Consumer Business	lave on Energy Home Assistance Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Commercial & Invitational	EE EE	2017	2017 Results Persistence 2017 Results Persistence	Current year savings			2	2	2	2		2				0
Company	LDC	Business	lave on Energy Retrofit Program	Elluewater Power Distribution Corporation	Commercial & Institutional	23	2017	2017 Results Persistence	Current year savings	и	17	9			0						
Compared to the contract of th	LDC	Industrial	lave on Energy Energy Manager Program	Silvewater Power Distribution Corporation	industrial	23	2017	2017 Results Pensistence	Current year savings						0		9				
	LDC	Consumer	Whole Home Pilot Program	sissewater Power Distribution Corporation Silvewater Power Distribution Corporation		EE.	2017	2017 Results Persistence	Current year savings	12	12	12	11	- 11	11	10	7				0
SC Source on the Part from the Part of Part Source	LDC	Consumer	untano clean Water Agency PAP Conservation F Save on Energy Heating and Cooling Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential	EE		2017 Hesults Persistence	Current year sayings	4		4									0
	LDC	Consumer	Save on Energy Smart Thermostat Program	ssuewater Power Distribution Corporation Silvewater Power Distribution Corporation	nessental Residental	EE 23	2018 2018		Current year savings												
Section Sect	LDC	Business Business	lave on Energy Retrofit Program Lave on Energy Small Business Lighting Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	23	2018 2018		Current year savings Current year savings												
SC Autom on the Deep Hardell Program Automotive Control Assistance Control Con	LDC	Consumer	Instant Savines Program	Bluewater Power Distribution Conporation	Commercial & Institutional	22	2018 2018		Current year savings												
Significant contract of the co	LDC			Bluewater Power Distribution Conporation	Commercial & Institutional Residential	2016 Adj 2017 Adj.	2018 2018		Adjustment Adjustment												
DC Bashess Sav on Energy Introll Program Bureater Power Outstraction Congression Commercial & Institutional 2017 Adj. 2018 Adjustment 2017 Adj. 2018	LDC	Consumer	Save on Energy Heating and Cooling Program	Elluewater Power Distribution Corporation	Residential Commercial & Institutions'	2017 Adj.	2018														
	LDC	Business	Save on Energy Retrofit Program	Silvewater Power Distribution Corporation	Commercial & Institutional	2017 Adj.	2018		Adjustment							t					

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

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Portfolio	Program	Initiative	LDC Sector	Conservation	(Implementation)	Identify Source of Report	Identify Status of Savings	Net Verified An	nual Energy :	Savings at the E	nd-User Level	(kWh)																							
				Resource Type	Year																			_											
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Tier 1 Tier 1	Consumer	Appliance Exchange Appliance Retirement	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE	20	11 2011 Results Persistence 11 2011 Results Persistence	Current year savings Current year savings	3,826 288,762	3,826 288,762	3,826 288,762 189,856 121,767	1,957 287,550	200,473		05					05					05					05						0
Tier 1		8i-Annual Retailer Event Conservation Instant Coupon Booklet NVAC Incentives	Silvewater Power Distribution Corporation Residential Silvewater Power Distribution Corporation Residential	EE	20	2011 Results Persistence	Current year savings	189,856 121,767	189,856 121,767	189,856 121,767	189,856 121,767	173,514 111,968	155,662 101,262	117,359 79,063	116,931 78,556	151,125 99,061	48,495 37,516	17,461 12,126 748,429	15,371 9,888	15,371 9,888	11,352 9,111	11,352 9,111	10,314 8,856												
Tier 1 Tier 1	Consumer	HVAC Incentives Demand Response 3 (part of the Industrial progr	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	DR DR	20	11 2011 Results Persistence 11 2011 Results Persistence 11 2011 Results Persistence 11 2011 Results Persistence	Current year savings Current year savings	748,429 15,695	748,429	748,429	748,429	748,429										748,429	748,429	748,429	748,429	683,804									
Der 1	Business	Demand Response 3 (part of the Industrial progr Direct Install Lighting Salvelle	Siturwater Power Distribution Corporation Commercial & Institutional	EE .	20	11 2011 Results Persistence 11 2011 Results Persistence	Current year savings	238,084	237,601	237,601	205,599	205,005	204,888	30,465	30,465	30,465	30,465	25,964 210,011	25,964	37 217	37 212	9													
Tier 1	Industrial	Demand Response 3 Retroft	Bluewater Power Distribution Corporation Industrial Bluewater Power Distribution Corporation Industrial	DR	20	11 2011 Results Persistence 11 2011 Results Persistence	Current year savings Current year savings	98,938	155 022	255 003	155.003	155.003	255.003	155 000	255 002	155 003	100.003	155.003	155.003			- 0		0											
Tier 1	Pre-2011 Prog	Retrofit Electricity Retrofit Incentive Program	Shapenter Power Statebution Connection Commercial & Institutional	22	20	11 2011 Results Persistence	Current year savings	3,122,745	3,122,745	3,122,745 3,379 885,883	3,122,745	3,122,745	3,122,745	3,122,745	3,122,745	3,122,745	1,122,745 1,379 135,748	3,122,745 3,179 136,748	3,122,745	3,122,745			2 220		2 220			0		2 220		3,379 3,	0		
Tier 1	Business	Orect Install Lighting Retrofit	Shawater Power Sistribution Corporation Commercial & Institutional Shawater Power Sistribution Corporation C&I Shawater Power Sistribution Corporation C&I	EE	20	11 2011 Results Persistence 12 2012 Results Persistence 12 2012 Results Persistence	Current year savings	0	886,133	885,883	885,737	692,098	692,098	140,461	140,461	136,748	135,748	136,748 1,245,903	127,499	127,499										0		0	0		
Tier 1	Consumer	Appliance Exchange	Bluewater Power Distribution Corporation Residential	EE .	20	14 2012 Results Pensistence	Current year savings	0;	5,205	1,419,830 5,205 160,470 173,021 9,033	5,205	5,117	1,414,204;		1,419,985													19,567							
Tier 1	Consumer	Appliance Retrement Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Residential	EE 23	20	12 2012 Results Persistence 12 2012 Results Persistence	Current year savings	0:	173,021	173,021	173,021	173,021	94,922 155,535 8,897	126,472	86,267	86,088	85,088	43,726 4,167	32,450	31,442	31,442	29,247	29,247	28,847	8,094	8,094	8,094	8,094							
Tier 1	Consumer	Conservation Instant Coupon Booklet HVAC Incentives	Siturwater Power Distribution Corporation Residential Siturwater Power Distribution Corporation Residential Siturwater Power Distribution Corporation Residential	EE	20	12 2012 Results Persistence 12 2012 Results Persistence	Current year savings	0			9,033 351,058	9,011 351,058	8,897 351,058	8,897 351,058	4,190 351,058	4,167 351,058	4,167 351,058	4,167 351,058 12,923	677 351,058	545 351,058	545 351,058	468 351,058	468 351,058	451 351,058	351,058	351,058	307,437								
Tier 1	Home Assistant Industrial	Home Assistance Program Demand Response 3	Sluwwater Power Distribution Corporation Residential Sluwwater Power Distribution Corporation Industrial	DR DR	20	12 2012 Results Persistence 12 2012 Results Persistence	Current year savings	0													12,332	12,132	1,532	1,266	1,266	1,266	1,266	1,266	1,266						
Tier 1	Pre-2011 Prog	High Performance New Construction Demand Response 3 (part of the Industrial progr Residential New Construction	Silvewater Power Distribution Corporation C&i Silvewater Power Distribution Corporation C&i	DR DR	20	12 2012 Results Persistence 12 2012 Results Persistence	Current year savings Current year savings	0	1,050	825,446	825,446	B25,446	825,446	825,446	825,446	825,446	825,446	825,446	825,446	825,446		0E		0											
Tier 1 Non-Tier 1	Consumer	Residential New Construction Demand Response 3 Demand Response 3	Bluewater Power Distribution Corporation C&I Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Industrial	DR DR	20	12 2012 Results Persistence 12 2012 Results Persistence 12 2012 Results Persistence 12 2012 Results Persistence		0:	362 1,515	362	362	362 0	362	362	362	362	362	0; 362 0;	362	362	150:	150	150	47	47:	47:									
Non-Tier 1 Tier 1 - 2011 Adjustment			Bluewater Power Distribution Corporation Business Bluewater Power Distribution Corporation C&I	DR	20	12 2012 Results Persistence 11 2012 Results Persistence	Current year savings Adjustment	118.887								727	727	257																	
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Dusiness	Direct Install Lighting	Sluewater Power Distribution Corporation C&I	EE re	20	11 2012 Results Persistence	Adjustment	25,700	25,700	25,700	23,687	23,687	23,571	1,336	3,316	3,336	3,336	2,927	2,927	46.283	46 283	.86.283	.66.263	.86.783	46.283	.79.778					- 0				
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Consumer	NVAC Incentives 9: Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE ee	20	11 2012 Results Persistence 11 2012 Results Persistence 11 2012 Results Persistence	Adjustment Adjustment Adjustment	14,106	14,106	118,887 25,700 -86,283 14,106 1,781	14,106	14,106	12,818	6,920	6,919 997	727 3,336 46,283 6,919 997	1,526	257 2,927 -86,283 1,282 159	1,178	1,178	977	977	976	0											
LDC		0R-3 Retrofit	Elluwater Power Distribution Corporation Commercial & Institutional Elluwater Power Distribution Corporation Commercial & Institutional	DR FF	20	13 2013 Results Persistence 12 2013 Results Persistence	Current year savings		234 504	3,056 234,504	234,504	234 504	234 504	203 184	202 119	202 119	188 001	181 650	167 652	167 652	1.054	1.064	1.064	761											
LDC	Distribute	Retrofit Small Business Lighting	Bluewater Power Distribution Corporation Sinewater Power Distribution Corporation Sinewater Power Distribution Corporation Commercial & Institutional	tt tt	20	12 2013 Results Persistence 12 2013 Results Persistence	Current year savings		24 204	1,155,943	1,125,306	1,093,173	1,092,091	1,028,583	1,016,711	1,016,711	1,016,269	1,012,819	957,236	872,059	868,395	533,343	361,438	361,438	304,152	36,016	28,128	28,128	28,128						
LDC	Business	Small Business Lighting	Sluewater Power Distribution Corporation Commercial & Institutional	EE EE	20 20	13 2013 Results Persistence 13 2013 Results Persistence	Current year savings Current year savings			3,056 234,504 1,855,943 24,296 459,984 49,794	1,125,106 24,296 459,984 49,794 29,555	448,341 47,875	396,991 40,560	147,009 40,560	147,009 40,560	147,009 40,560	147,009	147,009 29,470	147,009	118,515 26,795	110,295 26,414	25.414	26.105	26,305	26.283	25.471	14,951	14.951	14,951						
LDC	Consumer	Annual Coupons Appliance Exchange Appliance Betirement	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Besidential	EE .	20	13 2013 Results Persistence	Current year savings	0			29,555	29,555	29,555	59.40				181,650 1,012,819 2,816 147,009 29,470		0			0	0	0										
LDC	Consumer	Appliance Retirement B-Annual Retailer Events Home Assistance Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	tt tt	20	13 2013 Results Persistence 13 2013 Results Persistence 13 2013 Results Persistence	Current year savings Current year savings Current year savings			98,076 110,989 295,752 1,967 280,188	110,989	98,076 104,302 291,202 1,967 280,188	81,480	81,480 252.5P*	81,480	81,480 236,001	81,384 234,304	68,439 106,397 1,967 280,188	68,429	59,553 93,634	38,287	38,287	16,266 85,327	36,266	36,007 12,628	31,080	18,243	18,243	18,243	12 628					
LDC	Consumer	NVAC NVAC	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE .		12 2013 Results Persistence 13 2013 Results Persistence		9	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,957	1,967	1,967	1,655	775 504							
LDC	industrial Industrial	08-3	Silvewater Power Distribution Corporation Industrial	DR	20	13 2013 Results Pensistence	Current year savings	0	0	39,469 2,384	280,188	200,100	280,280	280,188	200,100	280,188	280,488	280,288	200,100	280,280	200,100	280,180	280,288	200,100	200,200	200,100	280,180	230,890		- 9			0	0 0	
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Industrial Bluewater Power Distribution Corporation Residential	EE	20	13 2013 Results Persistence 13 2013 Results Persistence	Current year savings	0	0	40	40	40	40	21																					
LDC	Business	Direct Install Lighting	Shawwater Power Distribution Corporation Residential Shawwater Power Distribution Corporation Commercial	EE.	20	12 2013 Results Persistence 14 2014 Results Persistence	Current year savings	9	9	242.415	703,764 242,415	682,709	620,101	448,199	448,199	448,199	448,199	54 448,057	448,057	448,057	442,892	121,850	54				50								
LDC	Business	High Performance New Construction	Bluewater Power Distribution Corporation Commercial	EE	20	13 2014 Results Persistence	Adjustment		97.168	16,375	16,375 96,219	26,375	16,375	16,375	16,375	16,375	16,375	16,375 67,336 274,207 2,093,600	16,375	6,347	6,347	6,347	6,347	6,347			2,362	2,362							
LDC	Business	Retrofit Retrofit	Shawwater Power Distribution Corporation Commercial Shawwater Power Distribution Corporation Commercial	tt	20		Adjustment	9	97,168	97,168 283,776	96,219 281,889	81,278) 281,889	81,278 281,889	76,394 276,577	75,703 276,577	75,703 276,577	71,470 275,051	67,336 274,207	48,667 274,207	48,667 253,529	27,316 240,872	3,453 18,758	6,347 3,453 8,827 962,421	3,142 8,827	2,362 8,827	2,362 5,456	2,362 4,646 98,970	2,162 4,646	4,646 98,970						
LDC	Consumer	Retrofit Appliance Exchange	Bluewater Power Distribution Corporation Commercial Bluewater Power Distribution Corporation Commercial Bluewater Power Distribution Corporation Residential	tt	20	24 2014 Results Persistence 24 2014 Results Persistence 24 2014 Results Persistence	Current year savings Current year savings	0			2,142,310 22,166	2,141,210	2,141,210 22,166	2,118,746 22,166	2,118,746	2,118,746	2,093,600	2,093,600	1,892,603	1,730,789	1,447,456	1,251,409	962,421	892,485	892,485	416,958	98,970	98,970	98,970	98,970	- 6				
LDC	Consumer	Appliance Retirement Appliance Retirement	Elluwester Power Distribution Corporation Residential Elluwester Power Distribution Corporation Residential	EE				0;			7,258	2,141,210 22,166 313 7,258 43,375 49,827	7,258	7,258																					
LDC	Consumer	Appliance Retirement Appliance Retirement	Sluwwater Power Distribution Corporation Residential Sluwwater Power Distribution Corporation Residential Sluwwater Power Distribution Corporation Residential	EE EE	20	14 2014 Results Persistence 14 2014 Results Persistence 14 2014 Results Persistence	Current year sevines	01			43,375 49,827	41,375	43,375	43,375 49,827	49,827	0:		633,685	0 t		0:			0t			ct			01			0		0
LDC	Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE	20	14 2014 Results Persistence 13 2014 Results Persistence	Current year savings Adjustment	0:	0	152	794,005 152		633,959 125		633,959 125	633,959 125	633,959 125	633,685	633,685 105	589,362 100	572,972 100	484,510 100	484,510 100	477,572 100	477,572 100	476,897 53	387,686	387,686 53	387,696 53	387,686	06	0.	0	0: 0:	0
LDC	Consumer	Conservation Instant Coupon Booklet Home Assistance Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE 23	20	13 2014 Results Persistence 14 2014 Results Persistence 12 2014 Results Persistence	Current year savings Adjustment	0:	2,008	2,008	192,635	179,447	125 173,094 1,638 1,959 74,860	125 173,094 1,509 1,928 73,072	125 173,094 1,380	125 173,094 1,380 1,896 71,137 13,857	173,094	105 172,777 154	172,777	148,470	137,640	136,023	116,023	135,260	135,260:	135,109	60,137	60,137	60,137	60,137			0		0
LDC	Home Assistan	Home Assistance Program Home Assistance Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	tt	20 20	13 2014 Results Persistence 14 2014 Results Persistence	Adjustment Current year savings	0:		2,022	2,022 79,269	2,022 79,177	1,959 74,860	1,928 73,072	1,896 71,137	1,896 71,137	1,896	154 901 68,013 13,357 363,212 985 4,700 2,546 460,217	901 31,982	789 31,552	789 30,418	789 30,418	789 26,247	114 26,247	7,413	4,431	4,431	4,431	4,431	4,431	4,431				
LDC	Consumer	WVAC Incentives WVAC Incentives Basishantal New Construction	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	DR EE	20	13 2014 Results Persistence 14 2014 Results Persistence 12 2014 Results Persistence	Adjustment Current year savings	0:		13,357	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	13,357 363,212	11,743 363,212	341,336						
LDC	Consumer	Residential New Construction Residential New Construction	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE 23	20	12 2014 Results Persistence 13 2014 Results Persistence	Adjustment Adjustment	0:	985	985 4,700	985 4,700	985 4,700	985 4,700	985 4,700	985: 4,700	985 4,700	985 4,700	985 4,700	985 4,700	985: 4,700	985 4,700	985 3,615	985 2,531	985 2,531	985: 2,531:	985: 2,531	2,531		00	00	00		0		0
LDC	Consumer	Residential New Construction	Shawater Power Distribution Corporation Residential Shawater Power Distribution Corporation Industrial	22	20	14 2014 Results Persistence 14 2014 Results Persistence	Current year savings Current year savings	0:			2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546 460,217	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546							
LDC	Other	DC Pilots Time-of-Use Savings	Bluewater Power Distribution Corporation Commercial Bluewater Power Distribution Corporation Other	DR DR	20	14 2014 Results Persistence 14 2014 Results Persistence	Current year savings Current year savings	0:			337,666	90					06					06									06				
non-Tier 1 Tier 1	Business	Demand Response 3 Demand Response 3	Bluewater Power Distribution Corporation Industrial	DR DR	20	14 2014 Results Persistence	Current year savings	0.																											
Tier 1 Tier 1	Industrial Industrial	Demand Response 3 Energy Managers Loblaw PAP Conservation Fund Pilot Program Appliance Retirement Initiative	Surventer Power State Station Cooperation Advantater Power Chattribution Corporation Surventer Power Chattribution Corporation Surventer Power Chattribution Corporation Commercial & Institutional Surventer Power Chattribution Corporation Surventer Power Chattribution Corporati	DR EE	20 20	14 2014 Results Persistence	Current year savings		0 8.280	8,280	8.280	8,280	E.280	0 8.280	E.280	8.280	8.280	0 8.280	8.280	8.280	8.280	8.280	B.280	8.280	B.280	8.280	8,280	B.280							
LDC	Other	Loblaw PAP Conservation Fund Pilot Program Appliance Retirement Initiative	Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Residential	EE .	20	12 2014 Results Persistence 15 2015 Results Persistence 15 2015 Results Persistence	Current year savings					770,101 62,028	770,101 62,028	770,101 62,028	770,101 61,193	770,101 30,523	770,101	8,280 770,101 319,758	770,101	770,101	770,101						3								
LDC	Consumer	Coupon Initiative	Shawater Power Distribution Corporation Residential	EE .	20	25 2015 Results Persistence 25 2015 Results Persistence	Current year savings	0	9	9	- 8																		109,412	109,412	109,412	0;	0	0 0	-
LDC	Consumer	HVAC Incentives Initiative	Silvewater Power Distribution Corporation Residential	22	20	2015 Results Pensistence	Current year savings	0:				387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	369,404	136 507				
LDC	Business	NVAC Incentives Initiative Efficiency: Equipment Replacement Incentive Ini Direct Install Lighting and Water Heating Initiative Process and Systems Uperades Initiatives - Profe	Eluewater Power Distribution Corporation Commercial & Institutional	EE .	20	25 2015 Results Persistence 25 2015 Results Persistence	Current year savings	0.				278,584	239,362	167,643	167,643	167,641	167,641	387,380 5,252,067 167,643 164,500	167,641	167,643	167,643	165,147	38,934		,	.02,070	311,737	0.	0	0	-30,057				
LDC	Industrial	Process and Systems Upgrades Initiatives - Energ	Bluewater Power Distribution Corporation Industrial	EE .	20	15 2015 Results Persistence 15 2015 Results Persistence 15 2015 Results Persistence	Current year savings					22,293 45,402	22,293 41,348				22,293 29,900															0			
LDC	Consumer	Coupon Initiative	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Institutional	EE		15 2016 Results Persistence	Adjustment	9.				53,894	53,119	53,119	39,969 53,119	19,900 53,119	53,119	19,900 53,119	39,300 53,097 6,079 3,351	32,870 53,097 6,079 3,351	32,484 53,097 6,079 3,351	51,777	32,275 51,719 5,113 3,351	51,719	51,600	51,600	4,570 51,506	4,570 26,693 2,063 3,351	26,693	25,693	26,693	0			
LDC		8: Annual Retailer Event Initiative NVAC Incentives Initiative Officiency: Equipment Replacement Incentive Ini	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Institutional	tt	20	15 2016 Results Persistence 15 2016 Results Persistence	Adjustment Adjustment	0				6,166 3,351 145,800	6,094 3,351 145,800	6,094 3,351 145,800	5,094 3,351 145,800	6,094 3,351 145,800	6,094 3,351 145,800	6,094 3,351 143,469	6,079 3,351 143,469	6,079 3,351 143,469	6,079 3,351 133,595	5,156 3,351 123,932	5,113 3,351 123,932	5,113 3,351	4,956 3,351	4,956 3,351	4,918 3,351	2,063 3,351	2,063 3,351	2,063 3,223	2,063				
LDC	Business	ton, may, significant sepacement incentive in Existing Building Commissioning Incentive Initiati	Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	tt.	20	15 JOIS Results Persistence 15 JOIS Results Persistence 15 JOIS Results Persistence 15 JOIS Results Persistence 16 JOIS Results Persistence 16 JOIS Results Persistence 16 JOIS Results Persistence 16 JOIS Results Persistence	Adjustment Adjustment	0;				145,800; 60,323;												00	0;	0)	9	0;	0;		00				
LDC	Consumer	Existing Building Commissioning Incentive Initiati Save on Energy Coupon Program Save on Energy Heating & Cooling Program	ssuewater rower Distribution Corporation Residential Silvewater Power Distribution Corporation Residential	EE EE	20	14 2016 Results Persistence 14 2016 Results Persistence	Current year savings Current year savings	0:					2,743,154 595,981	2,743,154 595,981	2,743,154 595,981	2,743,154 595,981	2,743,154 595,981	60,323 2,743,154 595,981 13,359	2,741,154 595,981	2,742,762 595,981	2,742,762 595,981	2,731,209 595,981	2,700,043 595,981	595,981	2,098,526 595,981	2,684,769 595,981	2,322,815 595,981	2,322,815 595,981	1,061,276 595,981	595,981	581,734	0:			
LDC		Save on Energy Home Assistance Program Save on Energy Audit Funding Program Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Assidential Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	22	20	16 2016 Results Persistence 16 2016 Results Persistence 16 2016 Results Persistence	Current year savings Current year savings	0:				9	13,474 13,143	13,474 13,143	13,474 13,143	13,474 13,143	13,474 13,143	13,359 13,143	13,359 13,143	13,359 13,143	13,359 13,143	12,030 13,143	12,030 3,245	12,030	11,847	11,847	11,847	11,847	11,847	11,847	11,847	11,847			
LDC			Silvewater Power Distribution Corporation Commercial & Institutional	EE .	20	14 2016 Results Persistence	Current year savings	0					2,169,223 57,856	2,146,732 57,856	2,146,732 57,856	2,146,732 57,856	2,146,732 57,856	13,143 2,146,732 44,408 258 152,343	2,146,732 457	2,146,732	2,136,611	2,136,611	2,123,465	1,881,103	235,344	235,344	51,271								
LDC	Consumer Business	Home Depot Home Appliance Market Uplift Cons Officiency: Equipment Replacement Incentive Inl	Shawater Power Distribution Corporation Residential Shawater Power Distribution Composition Commercial & Institutional	22	20	15 2016 Results Persistence 15 2017 Results Persistence	Current year savings Adjustment	0				68,061	258 68,061	258 103,174	258 103,889	258 103,889	258 103,889	258 152,343	258 152,343	258 317,003	258 365,779	258; 201,478;	258 103,405	258 85,495	258 10,293	258 10,293	162 10,293	162 10,293	162 10,293	162 10,293	10,293				
LDC	Eusiness Consumer	Oirect Install Lighting and Water Heating Initiativ Save on Energy Coupon Program	Shawater Power Distribution Corporation Commercial & Institutional Shawater Power Distribution Corporation Residential	tt tt	20	15 2017 Results Persistence 16 2017 Results Persistence	Adjustment Adjustment	0				-122,373	-83,151 296,781	-11,432	236	154	234	154	154	236	154 296,756	154 297,186	5,732 297,364	297,641	297,641	296,870	257,166		105,875						
LDC	Consumer	Save on Energy Heating & Cooling Program	Eluewater Power Distribution Corporation Assidential Eluewater Power Distribution Corporation Commercial & Institutional Eluewater Power Distribution Corporation Commercial & Institutional	EE EE	20 20	16 2017 Results Persistence 16 2017 Results Persistence	Adjustment Adjustment	0	0	0		- d	6,793 2,592,647	6,793 2,615,138 9,636	6,793 2,845,850 9,636	6,793 2,845,850	6,793 2,845,850	296,781 6,793 2,799,381 9,622 835 2,649,493 1,972,715	6,793 2,799,381	6,793 2,799,381	6,793 2,795,897	6,793 2,795,897	6,793 2,775,506	6,793 1,210,256	6,793 184,920	6,793 184,920	6,793 43,361	257,166 6,793	6,793	6,793	6,697				
LDC	Business Industrial	Save on Energy Small Business Lighting Program. Save on Energy Energy Manager Program Save on Energy Coupon Program	Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Industrial	EE 23	20	16 2017 Results Persistence 16 2017 Results Persistence		0					9,616 815	9,636 835 3,302,399	9,636 835	9,636 835	9,636 835	9,622 835	9,579 835	9,579 835	9,579 835	8,297 835	8,316 835	8,316 835	665										
LDC	Consumer	Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE EE		17 2017 Results Persistence 17 2017 Results Persistence	Adjustment Current year savings Current year savings	0				0		3,302,399 2,724,036	2,649,493 1,972,715	2,649,493 1,972,715	2,649,493 1,972,715	2,649,493 1,972,715	2,649,493 1,972,715	2,649,493 1,972,715	2,649,468 1,972,677	2,649,468 1,972,677	2,643,701 1,972,677	2,594,722 1,936,762	2,594,343 1,933,386	2,594,343 1,931,386	2,594,164 1,632,484	2,239,411 1,632,484	2,239,411 1,264,433	297,222 1,002,154					
LDC	Consumer	Save on Energy Heating & Cooling Program Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE .	20 20	17 2017 Results Persistence 17 2017 Results Persistence	Current year savings Current year savings	0						511,769 65,722 130,667	513,769 65,722	2,649,493 1,972,715 513,769 65,722 130,667 3,431,569 63,401 65,440	513,769 65,722	513,769 65,722 110,667	511,769 65,722	1,972,715 513,769 65,722 130,667 3,349,094 14,773	513,769 65,722 130,667	513,769 65,722	513,769 65,608	511,769 26,732	513,769 26,732	511,769 26,468	513,769 26,468	513,769 25,311	511,769 25,311	513,769 25,311	513,769 25,311	499,696 25,311 25,	311		
LDC	Business Business	Save on Energy Audit Funding Program Save on Energy Retrofit Program	Elluwater Power Distribution Corporation Commercial & Institutional Elluwater Power Distribution Corporation Commercial & Institutional	EE .	20	17 2017 Results Pensistence 17 2017 Results Pensistence	Current year savings Current year savings	0:							130,667 3,431,569	110,667 3,431,569	130,667	130,667 3,431,569	130,667 3,349,094	130,667 3,349,094	130,667 1,349,094	130,667 3,299,116	112,855 3,299,116	3,198,304	2,419,743	744,368	563,680	116,101							
LDC	Industrial	Save on Energy Energy Manager Program	Sluewater Power Distribution Conporation Commercial & Institutional Sluewater Power Distribution Corporation Commercial & Institutional Sluewater Power Distribution Corporation Industrial	tt	20	17 2017 Results Persistence 17 2017 Results Persistence 17 2017 Results Persistence	Current year savings							63,401 65,440	3,431,569 63,401 65,440	63,401 65,440	62,253	41,542	29,406	14,773	14,773	14,773	14,773	14,773	13,549	4,321									
LDC	Consumer	Instant Savings Local Program	Bluewater Power Distribution Corporation	EE EE		17 2017 Results Persistence 17 2017 Results Persistence	Current year savings Current year savings	0.						519,685 63,082	519,685 63,082 64,997	519,685 63,082 64,997	519,685 63,082 64,997 248,836 1,157,971 44,471	519,685 62,522 64,997	519,685 60,848	519,685 60,848	519,685 60,848	519,685 60,848	519,685 60,848	60,848	60,616	60,636	60,636	60,636	60,299	60,299	60,092	58,911 12,	712 4	4 44	
LDC	Business Consumer	Window Home Plack Program Ontario Clean Water Agency PAP Conservation Fi Save on Energy Heating and Cooling Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation Residential	EE EE	20	17 2017 Results Persistence	Current year savings Current year savings	0						64,997	64,997 248,836	64,997	64,997 248,836	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997							
LDC	Consumer	Save on Energy Instant Discount Program	Silvewater Power Distribution Corporation Residential Silvewater Power Distribution Corporation Residential	tt	20	18	Current year savings Current year savings								248,836 1,167,569 44,471		1,157,971																		
LDC	Business	Save on Energy Retrofit Program Save on Energy Small Business Lighting Program.	Silvewater Power Distribution Corporation Commercial & Institutional Silvewater Power Distribution Corporation Commercial & Institutional	EE EE	20	18	Current year savings Current year savings								4,611,251 15,117		9 770																		
LDC	Business	Save on Energy Existing Building Commissioning I	Bluewater Power Distribution Corporation Commercial & Institutional	EE	20		Current year savings Current year savings								61 850		61,809 354,596 12,050 3,255 36,976																		
LDC	Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Residential	2016 Adj 2017 Adj.	20 20 20	18	Adjustment Adjustment						10,978	11,074 4,057	354,596 12,050 3,255 36,976	12,050 1,255 16,976	12,050																		
LDC	Consumer	Save on Energy Heating and Cooling Program Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	2017 Adj. 2017 Adj.	20	18	Adjustment Adjustment	-						4,057 36,976 7,411	36,976 7,411	36,976 7,411	35,976 7,411																		
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional	2017 Adj.	20	1.0	Adjustment	J						1,389,819	1,468,159	7,411 1,468,159	1,468,159																		



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 4.0 (2020)

Legend User Inputs (Green)

Instructions

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

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

Table 8-a: Name of Muncipality

Summary of Project #1

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

Details of Project #1 (Month, Year)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW)	Quantity	Billed amount (kW)
	d	е	d * e
			0
Total			0.00

Post-conversion billing demand

Fixture type	Wattage (kW) d 1	Quantity e 1	amount (kW) d ₁ *e ₁
			0
Total			0.00

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

6) IESO Participation and Cost Report

Program Participation & Cost Report

Bluewater Power	Distribution Corporation
As of:	15-Apr-19

CDM Plan CFF Target (kWh): 62,369,741 CFF Budget: \$15,838,687

Allocated 62,367,338 \$15,838,687

Paid Pre-Funding

\$635,409

Summary of Performance Metrics

	2019 Res		2019 CDM Plan %	year CDM Results	6-year CDM Plan %	6-year Allocated %
Net Energy Savings (kWh) as at 2020	3	91,528	4%	34,632,162	55.5%	55.5%
Total Actual Spending (\$)	\$ 1,0	20,189	27%	\$ 6,991,861	44.1%	44.1%
Cost-effectiveness: Total Resource Cost Test (Ratio)		2.82		2.10		
Cost-effectiveness: Program Administrator Cost Test (Ratio)		3.50		2.66		
Cost offortiveness, Lovelized Unit Floatricity Cost (\$ /L/M/b)		0.02		0.02		

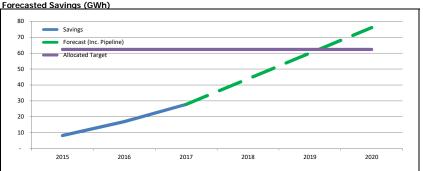
LDC Ranking in the Province out of 67

	Total % of 6-year Allocated Budget Spent	Total % of 6- year Allocated Target
This Month:	53	62
Last Month:	56	63

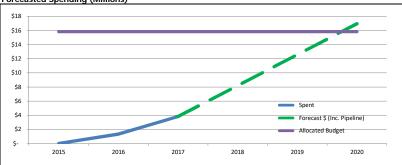
MTI Calculated Payout: 2015-17 kWh & MTI Rate: Paid MTI Amount:

26,332,502

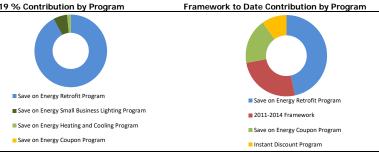
0.1 cents/kWh



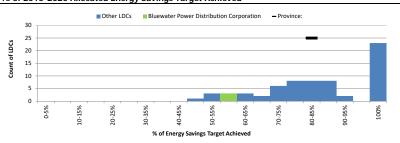
Forecasted Spending (Millions)



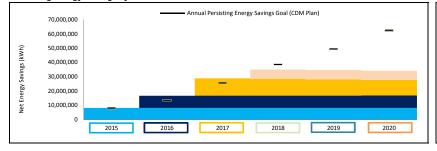
2019 % Contribution by Program



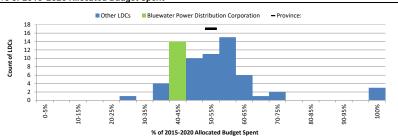
% of 2015-2020 Allocated Energy Savings Target Achieved



Persisting Energy Savings by Year



% of 2015-2020 Allocated Budget Spent



Program Save on Energy Coupon Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating Save On Engry Maching Save On Engry Madi Evolution Program Save on Energy Madi Evolution Program Residential Programs Total Save on Energy Madi Evolution Program Save on Energy Madi Evolution Program - IVP Save on Energy Madi Evolution Program - IVP Save on Energy Madi Evolution Program - IVP Save on Energy Madi Evolution Program - IVP Save on Energy Madi Evolution Program - IVP Save on Energy Basiness Refrigeration Program Save on Energy Basiness Refrigeration Program Save on Energy Basiness Refrigeration Program Save on Energy Basiness Refrigeration Program Save on Energy Heating Save Save Save Save Save Save Save Save	DM Plan Forecast	6-year CDN	A Plan Fored
Seve on Energy Heating and Cooling Program 4%	% Budget Spent	% kWh	% Bud
Save on Energy Coupon Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating and Cooling Program Save on Energy Heating Assistance Program Save on Energy Senart Thermostal Program Save on Energy Senart Thermostal Program Save on Energy Senart Thermostal Program Save on Energy Retrofit Program - P4P Save on Energy High Performance New Construction Program Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Moreloting & Targeting Program One-Residential Programs Total 49% Adaptive Thermostal Programs - P4P Adaptive Thermostal Programs - P4P Adaptive Thermostal Program - P4P Adaptive Thermostal Program - P4P Conservation on the Coast Home Assistance Program - P4P Bull Price Park Agricultural Pumping - P4P Install Retrofit P4P Bull Retrofit P4P Alf Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Program - P4P Bull Retrofit P1P P4P Alf Source Heat Pump - For Residential Water Heating LDC Innovation Fund Pilot Program - P4P Direct Install - Hydron P5P P6P P6P P6P P6P P6P P6P P6P P6P P6P	Spent	Target	Spen
Save on Energy Home Assistance Program Save on Energy Instant Discount Program Save on Energy Smart Thermostal Program One Energy Smart Thermostal Program Save on Energy Smart Thermostal Program Save on Energy Smart Thermostal Program Save on Energy Multi Funding Program Save on Energy Multi Funding Program Save on Energy Ratrofil Program - PAP Save on Energy Ratrofil Program - PAP Save on Energy Ratrofil Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Program - PAP Save on Energy Startific Building Commissioning Program One Energy Energy Estating Building Commissioning Program Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Montoloring & Targeting Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program PIPS Nation Conservation Local Program One Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Conservation Coast Program Data Centre Pilot Direct Install - Hythonic Pilot Program Elec	1%	70%	60%
Save on Energy Whole Monstruction Program Save on Energy Whole Home Program Save on Energy Whole Home Program Save on Energy Whole Home Program Residential Programs Total Save on Energy Retrofil Program 19% Save on Energy Retrofil Program 29% Save on Energy Retrofil Program 19% Save on Energy Statist Business Lighting Program 29% Save on Energy Statist Business Lighting Program 39% Save on Energy Business Retrigeration Program 39% Save on Energy Statistics Retrigeration Program 39% Save on Energy Business Retrigeration Program 39% Save on Energy Business Retrigeration Program 39% Save on Energy High Performance Program 39% Save on Energy High Performance New Construction Program 39% Save on Energy High Performance New Construction Program 39% Save on Energy Process & Systems Upgrades Program 29% Save on Energy Process & Systems Upgrades Program 29% Save on Energy Process & Systems Upgrades Program 29% Save on Energy Process & Systems Upgrades Program 39% Save on Energy Menager Program 39% Save on Energy Menager Program 39% Save on Energy Menager Program 39% Save on Energy Menager Program 39% Save on Energy Menager Program 39% Conservation on the Coast Home Assistance Program 39% Conservation on the Coast Home Assistance Program 39% Conservation on the Coast Home Assistance Program 39% High Efficiency Agricultural Pumping 39% Iristant Savings Program 39% High Efficiency Agricultural Pumping 39% Iristant Savings Program 39% MURB DIL Local Program 39% Direct Install Program 39% Social Benchmarking Local Program 39% Social Benchmarking Local Program 39% Building Optimization Pilot Program 39% Local LOC Programs 30% Direct Install - RTU Controls Pilot Program 39% Conservation Cultivator LOC Innovation Fund Pilot Program 39% Direct Install - RTU Controls Pilot Program 39% Direct Install - RTU Controls Pilot Program 39% Performance Based Conservation Pilot Program 39% Performance Based Conservation Pilot Program	22%	96%	66%
Save on Energy New Construction Program Save on Energy New Construction Program Save on Energy Save On Energy Save On Energy Save On Energy More Manuer Program Save on Energy Audit Funding Program Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Statismes Lighting Program Save on Energy Eusiness Lighting Program Save on Energy Eusiness Authority Save on Energy Eusiness Lighting Commissioning Program Save on Energy Eusiness Retrigeration Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program - P4P Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program One Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program One Energy Process & Systems Upgrades Program Conservation on the Coast Small Business Program First Nation Conservation Local Program Upgrade Program Department Conservation One Program Upgrade Program Department Conservation One Program Upgrade Program Department Conservation Fund Program Social Benchmarking Local Program Upgrade Program Department Conservation Fund Program Electronics Takeback Pilot Environment Residential Department Conservation Fund Program Data Centre Pilot Direct Install - Ptytonic Program		82%	94%
Save on Energy Mear Intermostat Program Save on Energy March Intermostat Program Save on Energy March Intermostat Program Save on Energy Retrofit Program 076 Save on Energy Retrofit Program 076 Save on Energy Retrofit Program 076 Save on Energy Retrofit Program 076 Save on Energy Retrofit Program 076 Save on Energy Retrofit Program 076 Save on Energy Retrofit Program 076 Save on Energy Small Business Lighting Program 076 Save on Energy Small Business Lighting Program 076 Save on Energy Energy Performance Program 076 Save on Energy Leisting Building Commissioning Program 076 Save on Energy Leisting Building Commissioning Program 076 Save on Energy High Performance New Construction Program 076 Save on Energy High Performance New Construction Program 076 Save on Energy Process & Systems Upgrades Program 076 Save on Energy Process & Systems Upgrades Program 076 Save on Energy Process & Systems Upgrades Program 076 Save on Energy Process & Systems Upgrades Program 076 Save on Energy Process & Systems Upgrades Program 076 Save on Energy Monitoring & Targeting Program 076 Save on Energy Monitoring & Targeting Program 076 Save on Energy Monitoring & Targeting Program 076 Save on Energy Monitoring & Targeting Program 076 Save on Energy Monitoring & Targeting Program 076 Conservation on the Coast Home Assistance Program 076 Conservation on the Coast Home Assistance Program 076 MURB DIL Local Program 076 MURB DIL Local Program 076 Save Program 077 Save Program 078 Save Program 078 Save Program 078 Save Program 079 Save Program 079 Save Program 079 Duber Saver 079 Save Program 079 Save One Program 079 Save Progra			
Save on Energy Methole Home Program Residential Programs Total Save on Energy Retrofit Program Save on Energy Retrofit Program Save on Energy Retrofit Program Save on Energy Retrofit Program Save on Energy Retrofit Program - P4P Save on Energy Small Business Lighting Program Save on Energy Small Business Lighting Program Save on Energy Small Business Lighting Program Save on Energy Energy Performance Program Save on Energy Evising Building Commissioning Program Save on Energy Evising Building Commissioning Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Energy Manager Program Save on Energy Energy Manager Program Save on Energy Indeption of Program Save on Energy Indeption Savings Save on Energy Energy Manager Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program High Efficiency Agricultural Pumping Instant Savings Program UMRS DIL Local Program Opsaver Program Deptition Savings Program Will Buil Local Program Deptition Savings Program Will Buil Local Program Deptition Savings Program Swimming Pool Efficiency Program Conservation Outlivator Libe Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator Dic Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator Pilot Program Electronics Takeback Pilot Envir Intelligent Air Pilot Direct Install - High Control Pilot Program Electronics Takeback Pilot Envir Intelligent Air Pilot Ontario Cisan Water Agency P4P Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program P4P for Class B Office Bioth Program P4P for Class B Office Bioth Program Residential Direct Install Pilot	0%	0%	0%
Save on Energy Audit Funding Program Save on Energy Retrofit Program . 896 Save on Energy Retrofit Program . 896 Save on Energy Retrofit Program . 896 Save on Energy Retrofit Program . 896 Save on Energy Retrofit Program Enabled Savings Save on Energy Bestiness Retrigeration Program . 906 Save on Energy Business Retrigeration Program . 906 Save on Energy Eusiness Retrigeration Program . 906 Save on Energy Energy Performance Program . 906 Save on Energy Listing Building Commissioning Program . 906 Save on Energy High Performance New Construction Program . 906 Save on Energy High Performance New Construction Program . 906 Save on Energy Process & Systems Upgrades Program . 907 Save on Energy Process & Systems Upgrades Program . 907 Save on Energy Process & Systems Upgrades Program . 907 Save on Energy Process & Systems Upgrades Program . 907 Save on Energy Process & Systems Upgrades Program Enabled Savings . 907 Save on Energy Process & Systems Upgrades Program Enabled Savings . 907 Save on Energy Process & Systems Upgrades Program Enabled Savings . 907 Save on Energy Monitoring & Tapeting Program Non-Residential Programs . 907 Save on Energy Monitoring & Tapeting Program Non-Residential Programs . 907 Conservation on the Coast Home Assistance Program . 907 Conservation on the Coast Home Assistance Program . 907 Conservation on the Coast Home Assistance Program . 907 High Efficiency Agricultural Pumping . 907 High Efficiency Agricultural Pumping . 907 High Efficiency Agricultural Pumping . 907 Busiant Savings Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Program . 907 Durber Saver Saver Program . 907 Durber Saver Program . 907 Durber Saver Sav	0%	23%	10%
Save on Energy Retroft Program Save on Energy Retroft Program Save on Energy Retroft Program Save on Energy Retroft Program Save on Energy Betroft Program - PAP Save on Energy Betroft Program Enabled Savings Save on Energy Betroft Program Enabled Savings Save on Energy Betroft Program Enabled Savings Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy Energy Betroft Building Commissioning Program Save on Energy High Performance New Construction Program Enabled Savings Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Non-Residential Programs Total 49% Adaptive Thermostal Programs Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program High Efficiency Agricultural Pumping Instant Savings Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Conservation Cultivator LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator LDC Innovation Fund Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Class B Office Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program R			
Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program Enabled Savings Save on Energy Small Business Lighting Program Save on Energy Small Business Lighting Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy High Performance New Construction Program Degram Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program P4P Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program High Efficiency Agricultural Pumping Instant Savings Program UMRS DIL Local Program Opsaver Program Degraver Program Degraver Program Degraver Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Ar Source Heal Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator IDC Innovation Fund Pilot Program Electronics Takeback Pilot Environmental Program Degraver Program Papt For Class B Office Reduction Conservation Fund Pilot Program Electronics Takeback Pilot Environic Class B Office Reduction Conservation Fund Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takeback Pilot Environic Pilot Program Papt For Class B Office Reduction Conservation Fund Pilot Program Papt For Class B Office Biote Program Residential Direct Install Pilot Program Residential	15%	105%	76%
Save on Energy Retrofit Program - PAP Save on Energy Retrofit Program Enabled Savings Save on Energy Stanial Business Lighting Program Save on Energy Business Refrigeration Program Save on Energy Business Refrigeration Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Conservation on the Coast Small Business Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program DuMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Conservation Orticol Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Air Source Heat Pump – For Residential Space Heating LOC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator LOC Innovation Fund Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program PAP for Class B Office Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductiess Heat Pump LDC Innovation Fund Pilot Program Residential Ducties Hea	32%	274%	93%
Save on Energy Betrofit Program Enabled Savings Save on Energy Snall Business Lighting Program Asave on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy Energy Betroff Building Commissioning Program Save on Energy High Performance New Construction Program Provinces Save on Energy High Performance New Construction Program Part Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Part Save on Energy Process & Systems Upgrades Program Part Save on Energy Process & Systems Upgrades Program Part Save on Energy Process & Systems Upgrades Program Part Save on Energy Process & Systems Upgrades Program Part Save on Energy Monitoring & Targeting Program Part Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostal Programs Total Adaptive Thermostal Program Program Prist Nation Conservation on the Coast Home Assistance Program Conservation on the Coast Small Business Program Pirst Nation Conservation Local Program Opsaver Program PuMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Upd Dergam Pump Program Progra	71%	67%	869
Save on Energy Small Business Lighting Program Save on Energy Business Refrigeration Program Save on Energy Energy Performance Program Save on Energy Existing Building Commissioning Program Save on Energy Existing Building Commissioning Program Save on Energy Existing Building Commissioning Program Save on Energy High Performance New Construction Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program Performance New Construction Program Enabled Savings Save on Energy Independent Program One Energy Research Saving Program Abaptive Thermostat Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program High Efficiency Agricultural Pumping Instant Savings Program High Efficiency Agricultural Pumping Instant Savings Program High Efficiency Agricultural Pumping Instant Savings Program Desaver Program Desaver Program Desaver Program Desaver Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Conservation Outlivator LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator LDC Innovation Fund Pilot Program Direct Install - HIJ Controls Pilot Program Direct Install - Hilly Controls Pilot Program Direct Install - Hilly Controls Pilot Program Direct Conservation Outlivator Fund Pilot Program Holf Conservation Valuer Agency Pel P Conservation Fund Pilot Program Pel Per Cross So Office Briot Program Residential Direct Install Pilot Program Residential Direct Install Pil			
Save on Energy Business Refrigeration Program Save on Energy Energy Performance Program Save on Energy Energy Performance Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Enabled Savings Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program First Nation Conservation Local Program First Nation Conservation Local Program Goseal LDC MURB DIL Local Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LDC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Local LOC Regram Station Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Pilot Residential Direct Install - Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Pilot Program Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Progr		{ 	
Save on Energy Energy Performance Program Save on Energy Existing Building Commissioning Program O96 Provincie- Widd) Save on Energy High Performance New Construction Program 696 Save on Energy High Performance New Construction Program 696 Save on Energy Process & Systems Upgrades Program 797 Save on Energy Process & Systems Upgrades Program 798 Save on Energy Process & Systems Upgrades Program 897 Save on Energy Process & Systems Upgrades Program 897 Save on Energy Process & Systems Upgrades Program 897 Save on Energy Monitoring & Targeting Program 897 Save on Energy Monitoring & Targeting Program 897 Save on Energy Monitoring & Targeting Program 897 Save on Energy Monitoring & Targeting Program 897 Save on Energy Monitoring & Targeting Program 897 Save on Energy Monitoring & Targeting Program 897 Conservation on the Coast Homes Assistance Program 997 Conservation on the Coast Homes Assistance Program 997 High Efficiency Agricultural Pumping 997 Instant Savings Program 997 High Efficiency Agricultural Pumping 997 Instant Savings Program 997 PUMPSaver 997 RTUSaver 997 Smart RT for Small and Mid-Size Business Local Program 997 Social Benchmarking Local Program 997 Social Benchmarking Local Program 997 Social Benchmarking Local Program 997 Social Benchmarking Local Program 997 Local LOC Programs Total 997 Air Source Heal Pump – For Residential Space Heating LDC Innovation Fund Pilot Program 997 Block Heater Timer LDC Innovation Fund Pilot Program 997 Conservation Cultivator LDC Innovation Fund Pilot Program 997 Direct Install – Hydronic Pilot Program 997 Direct Install – Hydronic Pilot Program 997 Direct Install – Hydronic Pilot Program 997 Low Income Air Source Heat Pump Pilot Oneservation Fund Pilot Program 997 Low Income Air Source Heat Pump Pilot Oneservation Fund Pilot Program 997 Residential Direct Install Pilot Program 998 Performance Based Conservation Pilot Program 998 Low Income Air Source Heat Pump Pilot Connovation Fund Pilot Program 998 Performance Based Conservation Pilot Program 998 Performance Ba	77%	51%	759
Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Enabled Savings Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program — PAP Save on Energy Process & Systems Upgrades Program — PAP Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program — PAP Save on Energy Process & Systems Upgrades Program — PAP Save on Energy Monager Program Save on Energy Monager Program One Energy Northing & Targeting Program Non-Residential Programs Total Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Conservation on the Coast Small Business Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program Opsawer Program Quisaver Program Quisaver Program Quisaver Program Quisaver Program Social Bort Local Program Quisaver Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Local LOC Programs Total Air Source Heat Pump — For Residential Space Heating LOC Innovation Fund Pilot Program Bulking Optimization Pilot Program Conservation Cultivator LOC Innovation Fund Pilot Program Bulking Optimization Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Direct Install — RTU Controls Pilot Program Direct Install — Hydronic Pilot Program Direct Install — Hydronic Pilot Program Low Intelligent Air Pilot Direct Install — Hydronic Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency Pel? Conservation Fund Pilot Program Heider Energy Assessment & Retrofit LOC Innovation Fund Pilot Program Par For Class B Office Pilot Program Low Income Air Source Heat Pump Die Lonovation Fund Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install	0%	0%	1%
Save on Energy High Performance New Construction Program 5. Save on Energy High Performance New Construction Program Enabled Savings 5. Save on Energy High Performance New Construction Program Enabled Savings 6. Save on Energy Process & Systems Upgrades Program . PAP 6. Save on Energy Process & Systems Upgrades Program . PAP 6. Save on Energy Process & Systems Upgrades Program Enabled Savings 6. Save on Energy Monitoring & Targeting Program . PAP 7. Save on Energy Monitoring & Targeting Program . PAP 8. Save on Energy Monitoring & Targeting Program . PAP 8. Save on Energy Monitoring & Targeting Program . PAP 8. Save on Energy Monitoring & Targeting Program . PAP 8. Save on Energy Monitoring & Targeting Program . PAP 8. Save on Energy Monitoring & Targeting Program . PAP 8. Save on Energy Monitoring & Targeting Program . PAP 8. Save Program . PAP 9. Save Program . PAP	_	1	·
Wide) Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program PAP Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Monager Program One Energy Monager Program One Energy Monager Program One Energy Monager Program One Energy Monager Program One Energy Monager Program One Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program Swimming Pool Efficiency Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Consider House House Program Iocal LICO Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Bulking Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Bulking Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Low Income Air Source Heat Pump Pilot Ontario Ciean Water Agency Pel? Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Pel For Class B Office Pilot Program Residential Durcles Heat Pump Dic Innovation Fund Pilot Program Residential Durcles Heat Pump Dic Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total	3%	22%	409
Save on Energy Process & Systems Upgrades Program 90% Save on Energy Process & Systems Upgrades Program 90% Save on Energy Process & Systems Upgrades Program 90% Save on Energy Process & Systems Upgrades Program 90% Save on Energy Mentoring & Targeting Program 90% Save on Energy Monitoring & Targeting Program 90% Adaptive Thermostal Program 90% Adaptive Thermostal Program 90% Adaptive Thermostal Program 90% Conservation on the Coast Home Assistance Program 90% Erist Nation Conservation Local Program 90% First Nation Conservation Local Program 90% MURB DIL Local Program 90% 90% PUMPSaver 90%	258%	0%	689
Save on Energy Process & Systems Upgrades Program - PAP Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Monitoring & Targeting Program 3ave on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostal Programs Total Adaptive Thermostal Programs Total Adaptive Thermostal Programs Total Adaptive Agricultural Programs Total Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program Opsaver Programs MURB DIL Local Program Opsaver Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Air Source Heal Pump - For Residential Space Heating LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlivator LDC Innovation Fund Pilot Program Conservation Outlivator LDC Innovation Fund Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Paper for Class B Office Pilot Program Paper for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Reside	_	1	
Save on Energy Process & Systems Upgrades Program Save on Energy Energy Manager Program Op6 Save on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Energy Monitoring & Targeting Program Conservation on the Coast Home Assistance Program Conservation on the Coast Small Business Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program Upgrams	6%	0%	139
Save on Energy Energy Manager Program Save on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Energy Monitoring & Targeting Program Conservation on the Coast Home Assistance Program First Nation Conservation to the Oreast Small Business Program High Efficiency Agricultural Pumping Instant Savings Program MURB DIL Local Program Organia PUMPSaver RTUssaver RTUssaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Organia Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Paper Orcass B Office Pilot Program Paper Orcass B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Dir		+	4
Save on Energy Monitoring & Targeting Program Non-Residential Programs Total Adaptive Thermostal Programs Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program Opsaver Program MURB DIL Local Program Opsaver Program PUMP-Saver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Air Source Heal Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install – Hydronic Pilot Program Electronics Takeback Pilot Enwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Low Income Air Source Heat Pump — Par Per Conservation Fund Pilot Program Direct Install – Hydronic Pilot Program Electronics Takeback Pilot Enwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Vatter Agency Par's Conservation Fund Pilot Program Par For Class B Office Pilot Program Residential Direct Install Pilot Program Residential Duccless Heat Pump Pilot Innovation Fund Pilot Program Residential Duccless Heat Pump IDC Innovation Fund Pilot Program Residential Duccless Heat Pump IDC Innovation Fund Pilot Program Residential Duccless Heat Fump IDC Innovation Fund Pilot Program Small & Medium Business Energy Management System IDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		-	·
Adaptive Thermostal Programs Adaptive Thermostal Program	53%	0%	539
Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program First Nation Conservation to Local Program High Efficiency Agricultural Pumping High Efficiency Agricultural Pumping High Efficiency Agricultural Pumping High Efficiency Agricultural Pumping Home MuRB DIL Local Program Option MURB DIL Local Program PLMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Option Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Parfor Class B Office Pilot Program Parfor Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pi	2004	36%	270
Conservation on the Coast Home Assistance Program Conservation on the Coast Home Assistance Program Conservation on the Coast Small Business Program High Efficiency Agricultural Pumping Instant Savings Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program PuMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LODP Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Upilift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Ducties Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program Residential Ducties Heat Pump Pilot Innovation Fund Pilot Program Residential Ducties Heat Pump Pilot Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total	28%	36%	379
Conservation on the Coast Small Business Program First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program Once IDC MURR DIL Local Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Swimming Pool Efficiency Program Conservation University Program Building Optimization Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot Enwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Cleas B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program		4	4
First Nation Conservation Local Program High Efficiency Agricultural Pumping Instant Savings Program MURB DIL Local Program Opsaver Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC. Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Residential Direct Install P	_	1	4
High Efficiency Agricultural Pumping Instant Savings Program Orlé Programs Opsaver Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program Opsaver Program Social Bonchmarking Local Program Social Bonchmarking Local Program Social Bonchmarking Local Program Summing Pool Efficiency Program Tocal LIDO Programs Total Air Source Heal Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heal Pump – For Residential Water Heating LDC Innovation Fund Pilot Program Bulding Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program United Instant – Hydronic Pilot Program Data Centre Pilot Direct Install – HIQ Controls Pilot Program Direct Install – HIQ Controls Pilot Program Electronics Takeback Pilot Entwin Intelligent Air Pilot Entwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Cisan Water Agency Pal? Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Pal? For Class B Office Pilot Program Pal? For Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Directs Heat Pump LDC Innovation Fund Pilot Program Residential Directs Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap		+	4
instant Savings Program MURB DIL Local Program POPSaver Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Swimming Pool Efficiency Program Local LDC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Rabeack Pilot Enwin Intelligent Air Pilot Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Dir		+	4
Opsaver Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Social Benchmarking Local Program Local LOC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Outlayer Beduction Conservation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Home Energy Assessment & Retoffit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Cleas B Office Pilot Program Residential Direct Install Pilot Program	_		ł – –
Opsaver Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Soming Pool Efficiency Program Soming Pool Efficiency Program Soming Pool Efficiency Program Local LDC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Block Heater Timer LDC Innovation Fund Pilot Program Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot LDC LDC LDC LDC LDC LDC LDC Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Pul For Class B Office Pilot Program Residential Direct Install Pilot Program Residential Dire	300%	45%	789
PUMPSaver RTUsaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Social Benchmarking Local Program Swimming Pool Efficiency Program Local LDC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cutilvator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retroff LDC Innovation Fund Pilot Program Home Energy Assessment & Retroff LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		+	4
RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Swimming Pool Efficiency Program Local LOG Programs Total Air Source Heal Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heal Pump – For Residential Water Heating LDC Innovation Fund Pilot Program Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install – Hydronic Pilot Program Direct Install – Hydronic Pilot Program Electronics Takeback Pilot Enwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Cisan Water Agency Pal? Conservation Fund Pilot Program Pal? For Class B Office Pilot Program Pal? For Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		1	ł
Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Swimming Pool Efficiency Program Local LOC Programs Total Air Source Heaf Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heaf Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Data Centre Pilot Direct Install – Hydronic Pilot Program Direct Install – Hydronic Pilot Program Direct Install – Hydronic Pilot Program Electronics Takeback Pilot Enwiln Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Cleas B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Toronto Hydro – Entribute Joint tow-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		1	1
Social Benchmarking Local Program Swimming Pool Efficiency Program Local LDC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Building Optimization Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Direct Install – Hydronic Pilot Program Direct Install – Hydronic Pilot Program Direct Install – Hydronic Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofft LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductiess Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		-	1
Swimming Pool Efficiency Program Local LDC Programs Total Air Source Heal Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heal Pump – For Residential Water Heating LDC Innovation Fund Pilot Program Blocking Optimization Pilot Program Bulding Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Pilot Program Data Centre Pilot Direct Install – HIV Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retroffit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Cisan Water Agency Pal? Conservation Fund Pilot Program Pal For Class B Office Pilot Program Pal For Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Directs Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap		1	1
Local LDC Programs Total	_	1	1
Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install - Hydronic Pilot Program Electronics Takeback Pilot Emily Intelligent Air Pilot Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Home Energy Assessment & Retrofft LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Contario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Full Pilot Program Residential Direct Install Full Pilot Program Residential Direct Install Full Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total	300%	45%	789
Air Source Head Pump – For Residential Water Heating LDC Innovation Fund Pilot Program Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install – Hydronic Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Cisan Water Agency Pilot Program Pair For Class B Office Brito Program Pair For Class B Office Intelligent Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		1	1
Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot Enwiln Intelligent Air Pilot Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Honovation Pilots Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAPs Conservation Fund Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Medium Business Energy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		-	1
Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot Enwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofft LDC Innovation Fund Pilot Program Home Energy Assessment & Retrofft LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program PAP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		-	1
Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot Entrolics Takeback Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Entrolics Takeback Pilot Entrol		-	1
Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Electronics Takeback Pilot Enwiln Intelligent Air Pilot Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Home Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program Put Por Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Toronto Hydro - Enthridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		-	1
Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - ATIU Controls Pilot Program Direct Install - ATIU Controls Pilot Program Electronics Takshack Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retroffit LDC Innovation Fund Pilot Program Home Energy Assessment & Retroffit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Onlario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program PaP for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Feargy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total	_	1	1
Direct Install - Hydronic Pilot Program Direct Install - ATU Controls Pilot Program Direct Install - ATU Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Hone Energy Assessmant & Retroffil LDC Innovation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LOC Innovation Pilots Total		1	1
Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot Emwin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Hotel Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Appney PAP Conservation Fund Pilot Program PAP for Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograt Toronto Hydro - Entribuge Joint tow-Income Program LDC Innovation Fund Pilot Prograt Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total	-	1	
Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Dapot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retroffit LDC Innovation Fund Pilot Program Home Energy Assessment & Retroffit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Ciean Water Agency Pal P Conservation Fund Pilot Program Pal P for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap		1	
EnWin Intelligent Air Pilot Home Depot Home Appilance Market Uplift Conservation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Fump Pilot Ontario Clean Water Agency PAF Conservation Fund Pilot Program PAF for Class B Office Pilot Program Paf for Class B Office Pilot Program Performance Based Conservation Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Torrotto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Altic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		11	1
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofft LDC Innovation Fund Pilot Program Home Energy Assessment & Retrofft LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class 80 Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Instal Pilot Program Residential Direct Instal Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro - Entollego Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total	1	11	1
Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class & Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total		11	1
Pilots Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Fump Pilot Ontario Clean Water Agency PAF Conservation Fund Pilot Program PAF for Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Toronto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Altic Ventilation Pilot Truckload Event LDC Innovation Pilots Total			1
Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program PAP for Class 8 Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Ductiess Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap		1	
P4P for Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Direct Install Pilot Program Residential Ductless Heaf Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total			1
Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Progra Solar Powered Attic Ventilation Pilot Truckdoad Event LDC Innovation Pilots Total			1
Residential Direct Install Pilot Program Residential Ducliess Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total			
Residential Ductless Heat Pump LDC Innovation Fund Plot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Entridige Joint Low-Income Program LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap			
Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Prograr Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap		<u> </u>	1
Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap	⊣	11	1
Solar Powered Attic Ventilation Pilot Truckload Event LDC Innovation Pilots Total get Gap	⊣		
Truckload Event LDC Innovation Pilots Total get Gap	⊣	↓	II
LDC Innovation Pilots Total get Gap	- 	∤	
get Gap		 	4
1-Approved Program			
assigned Program			
ergy Savings from 2011-2014 Framework		40000	1
rgy savings from 2011-2014 Framework		102%	ı
TAL Conservation First (CDM Plan Forecast) 4%	27%	56%	449

LDC Progress Page 1

Bluewater Powe	er Distribution Corporation	(Incr
As of:	15-Apr-19	

Program Save on Energy Coupon Program Save on Energy Heating and Cooling Program Save on Energy Home Assistance Program Save on Energy Instant Discount Program (Province-Save on Energy New Construction Program Save on Energy Smart Thermostat Program Save on Energy Whole Home Program Residential Programs Total

As of:

Save on Energy Audit Funding Program Save on Energy Retrofit Program Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program Enabled Savings Save on Energy Small Business Lighting Program Save on Energy Business Refrigeration Program Save on Energy Energy Performance Program Save on Energy Existing Building Commissioning Program Residential (Province-Wide) Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Energy Manager Program Save on Energy Monitoring & Targeting Program

Non-Residential Programs Total Adaptive Thermostat Program Conservation on the Coast Home Assistance Program Conservation on the Coast Small Business Program First Nation Conservation Local Program High Efficiency Agricultural Pumping nstant Savings Program Local LDC MURB DIL Local Program Programs Opsaver Program PUMPSaver RTUsaver Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program Swimming Pool Efficiency Program

Local LDC Programs Total Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra Block Heater Timer LDC Innovation Fund Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Innovation Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Pilots Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency P4P Conservation Fund Pilot Program P4P for Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Foronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot Truckload Event

Target Gap Unassigned Program Energy Savings from 2011-2014 Framework

TOTAL Conservation First (CDM Plan Forecast) TOTAL Conservation First (Target and Budget Allocation)

LDC Innovation Pilots Total

mental)

YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
% Total		kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
0%	18%		3,039,935	3,306,456											
2%	4%		602,774	550,745	248,836	6,300									
0%	0% 11%		13,474	65,722 2,724,036	1,167,569										
0%	0%			2,724,036	1,107,509										
0%	0%			7,412	44,471										
0%	0%			63,082											
2%	33%		3,656,183	6,717,452	1,460,876	6,300									
0%	0%		13,143	130,667											
91%	40%		4,772,848	4,638,280	4,611,251	53,096	304,360	3,612							
0%	0%														
0% 7%	0% 0%		67,492	63,401	15,117			27,439							
0%	0%		07,472	03,401	13,117			27,437							
0%	0%														
0%	0%				61,809										
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0%	0%						-		-			-	 		-
0% 0%	0% 0%														
0%	0%														
0%	0%		835	65,440											
0%	0%														
98%	41%		4,854,318	4,897,787	4,688,177	53,096	304,360	31,052							
0%	0%														
0%	0%														
0%	0% 0%														
0%	0%														
0%	2%			519,685	354,596										
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	0% 2	23%	8,197,665										
100% 100% 8,197,665 8,510,759 12,199,922 6,503,649 59,396 304,360 31,052	4000/ 4	4000/	0.407.//5	0.540.750	40 400 000	(500 (40	50.00/	204.270	24.052				

LDC Progress Page 2

iuewat	er Power Distribution Corporation			By Month	
As of:	15-Apr-19	Nov	Dec	2019 Unverified Year to Date	Program to Date
	Program	kWh	kWh	kWh	kWh
	Save on Energy Coupon Program Save on Energy Heating and Cooling Program				6,346,391
	Save on Energy Home Assistance Program			6,300	1,408,655 79,196
esidential	Save on Energy Instant Discount Program				3,891,605
Province- Wide)	Save on Energy New Construction Program				3,071,003
wide)	Save on Energy Smart Thermostat Program				51,883
	Save on Energy Whole Home Program				63,082
	Residential Programs Total			6,300	11,840,811
	Save on Energy Audit Funding Program				143.810
	Save on Energy Retrofit Program			361,068	14,383,446
	Save on Energy Retrofit Program - P4P				
	Save on Energy Retrofit Program Enabled Savings				
	Save on Energy Small Business Lighting Program			27,439	173,448
	Save on Energy Business Refrigeration Program				
Non-	Save on Energy Energy Performance Program				
tesidential	Save on Energy Existing Building Commissioning Program				61,809
Province- Wide)	Save on Energy High Performance New Construction Program				
,	Save on Energy High Performance New Construction Program Enabled Savings				
	Save on Energy Process & Systems Upgrades Program				
	Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program Enabled Savings				
	Save on Energy Energy Manager Program				
	Save on Energy Monitoring & Targeting Program				66,275
	Non-Residential Programs Total			388,507	14,828,789
			1	550,557	14,020,707
	Adaptive Thermostat Program Conservation on the Coast Home Assistance Program				
	Conservation on the Coast Fronte Assistance Program Conservation on the Coast Small Business Program				
	First Nation Conservation Local Program				
	High Efficiency Agricultural Pumping				
	Instant Savings Program				874,281
ocal LDC	MURB DIL Local Program				
Programs	Opsaver Program				
	PUMPSaver				
	RTUsaver				
	Smart RT for Small and Mid-Size Business Local Program				
	Social Benchmarking Local Program				
	Swimming Pool Efficiency Program				
	Local LDC Programs Total				874,281
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra				
	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra				
	Block Heater Timer LDC Innovation Fund Pilot Program				
	Building Optimization Pilot Program				
	Conservation Cultivator LDC Innovation Fund Pilot Program				
	Conservation Voltage Reduction Conservation Fund Program				
	Data Centre Pilot				
	Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program				
	Electronics Takeback Pilot				
	EnWin Intelligent Air Pilot				
LDC	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program				258
nnovation	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program				200
Pilots	Hotel/Motel LDC Innovation Fund Pilot Program				
	Low Income Air Source Heat Pump Pilot		l		
	Ontario Clean Water Agency P4P Conservation Fund Pilot Program				64.997
	P4P for Class B Office Pilot Program				
	Performance Based Conservation Pilot Program				
	Residential Direct Install Pilot Program				
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program				
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra				
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program				
	Solar Powered Attic Ventilation Pilot		 		
	Truckload Event				
	LDC Innovation Pilots Total				65,255
get Gap					
n-Approve	ed Program				
	Program				
assigned F					
assigned F					8 197 665
assigned F ergy Savin	gs from 2011-2014 Framework				8,197,665

						A By Month	
YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date	2019 Unverified Year to Date	Program to Date
	% Total	kWh	kWh	kWh	kWh	kWh	kWh
0%	16%		3,039,935	2,653,516			5,693,451
2%	4%		602,774	550,745	248,836	6,300	1,408,655
0%	0% 9%		13,474	65,722	4 457 074		79,196
0%	9%			1,972,715	1,157,971		3,130,686
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0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	8,128,057 8,128,057	258		6,465,851	391,528	

LDC Progress Page 3

Bluewate	er Power Distribution Corporation		By Month		By Month			Spending (Year to Date)		
As of:	15-Apr-19	2019	2019 Year to Date	2019	2019 Year to Date	2019	2019 Year to Date		Framework	
	Program Save on Energy Coupon Program	Incentive Budget	Incentive Actual	Admin Budget	Admin Actual	Total Budget	Total Actual	T	Incentive Budget	2 \$
	Save on Energy Coupun Program Save on Energy Heating and Cooling Program	\$ 149,934 \$ 182,500	\$ 34,600	\$ 43,797 \$ 29,950	\$ 2,086 \$ 11.462	\$ 193,731 \$ 212,450	\$ 2,086 \$ 46,062		\$ 1,013,222 \$ 1,036,650	
	Save on Energy Home Assistance Program	\$ 162,500	\$ 34,000	\$ 29,930	3 11,402	\$ 212,430	\$ 40,002		\$ 39,931	
Residential	Save on Energy Instant Discount Program		\$ 14,516	-	\$ 608		\$ 15,124		- 57,751	\$
(Province- Wide)	Save on Energy New Construction Program	\$ 500		\$ 5,525	-	\$ 6,025	-		\$ 1,500	
wide)	Save on Energy Smart Thermostat Program	\$ 17,686	\$ 50	\$ 5,994	\$ 5	\$ 23,680	\$ 55		\$ 53,405	
	Save on Energy Whole Home Program	-	-	-	-	-	-			
	Residential Programs Total	\$ 350,620	\$ 49,166	\$ 85,266	\$ 14,161	\$ 435,886	\$ 63,327		\$ 2,144,708	5
	Save on Energy Audit Funding Program	\$ 2,160	-	\$ 7,125	\$ 2,988	\$ 9,285	\$ 2,988		\$ 6,480) \$
	Save on Energy Retrofit Program	\$ 396,909	\$ 363,977	\$ 327,000	\$ 152,559	\$ 723,909	\$ 516,536		\$ 1,950,651	1 \$
	Save on Energy Retrofit Program - P4P	-	-	-	-	-	-			
	Save on Energy Retrofit Program Enabled Savings	-	- '	-	-	-	-			4
	Save on Energy Small Business Lighting Program	\$ 10,652	\$ 15,788	\$ 46,750	\$ 28,592	\$ 57,402	\$ 44,380		\$ 64,115	
	Save on Energy Business Refrigeration Program	\$ 41,106	- '	\$ 16,000		\$ 57,106	-		\$ 124,644	į.
Non-	Save on Energy Energy Performance Program	-	-				-		-	+
Residential (Province-	Save on Energy Existing Building Commissioning Program Save on Energy High Performance New Construction Program	\$ 11,500		\$ 6,585	\$ 533	\$ 18,085	\$ 533	1	\$ 73,000	
Wide)	Save on Energy High Performance New Construction Program Enabled Savings	\$ 45,025	\$ 117,870	\$ 3,300	\$ 7,000	\$ 48,325	\$ 124,870		\$ 176,150	/ 3
	Save on Energy Process & Systems Upgrades Program	s 1,366,600	-	\$ 825,865	\$ 137,796	\$ 2,192,465	s 137,796		\$ 4,587,565	
	Save on Energy Process & Systems Opgrades Program - P4P	\$ 1,300,000		\$ 825,865	\$ 137,796	\$ 2,192,465	\$ 137,796		\$ 4,587,565	+
	Save on Energy Process & Systems Upgrades Program Enabled Savings									+
	Save on Energy Energy Manager Program			\$ 165,750	\$ 87,074	\$ 165,750	\$ 87,074			+
	Save on Energy Monitoring & Targeting Program		-	-		-	-			T
	Non-Residential Programs Total	\$ 1,873,952	\$ 497,635	\$ 1,398,375	\$ 416,541	\$ 3,272,327	\$ 914,176		\$ 6,982,605	, s
	Adaptive Thermostat Program		_	_		_		İ		Ŧ
	Conservation on the Coast Home Assistance Program		-	-	-	-	-			T
	Conservation on the Coast Small Business Program	÷	-	-	÷				-	T
	First Nation Conservation Local Program	-	- '	-	-	-	-			Т
	High Efficiency Agricultural Pumping	-	-	-	-	-	-			
	Instant Savings Program	\$ 6,750	-	\$ 7,500	\$ 42,686	\$ 14,250	\$ 42,686		\$ 101,745	j \$
Local LDC	MURB DIL Local Program		- '		8		-			┸
Programs	Opsaver Program		-	-	-		-			+
	PUMPSaver	-	- '	-	-	-	-			+
	RTUsaver	-	-	-	-	-	-		<u> </u>	+
	Smart RT for Small and Mid-Size Business Local Program Social Benchmarking Local Program	-	-	-	•	-		-	<u> </u>	+
	Swimming Pool Efficiency Program	-		-	-	-	-			+
	Local LDC Programs Total	\$ 6,750		\$ 7,500	\$ 42,686	\$ 14,250	\$ 42,686		\$ 101,745	
				+ .,,,,,	1 1,000	.,,223	11,000	†		Ŧ
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra			-	-	-	-			+
	Block Heater Timer LDC Innovation Fund Pilot Program		<u> </u>	-	-	-	-			+
	Building Optimization Pilot Program									+
	Conservation Cultivator LDC Innovation Fund Pilot Program			_		_				†
	Conservation Voltage Reduction Conservation Fund Program		-		-		-			T
	Data Centre Pilot	÷	-	-	÷				-	T
	Direct Install - Hydronic Pilot Program	÷	-	-	÷				-	T
	Direct Install - RTU Controls Pilot Program	-	-	-	-	-	-			
	Electronics Takeback Pilot	-	-	-	-	-	-			
	EnWin Intelligent Air Pilot	-	-	-	-	-	-			
LDC	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	-	- '	-	-	-	-			4
Innovation Pilots	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program		-	-	-		-			4
riiots	Hotel/Motel LDC Innovation Fund Pilot Program	-	- '		-		-			+
	Low Income Air Source Heat Pump Pilot	-	-	-	-	-	-		<u> </u>	+
	Ontario Clean Water Agency P4P Conservation Fund Pilot Program P4P for Class B Office Pilot Program	-		-	-	-	-	1		+
	P4P for class B Office Pilot Program Performance Based Conservation Pilot Program	-		-	-	-	-			+
	Residential Direct Install Pilot Program			-	-	-	-			+
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program									+
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra			_		_				†
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program		-		-		-			T
	Solar Powered Attic Ventilation Pilot		-	-	-	-	-		-	T
	Truckload Event	-				-	-		-	I
	LDC Innovation Pilots Total	-	-	-		-		1	\$ -	
Target Gap]				\$ -				
Non-Approve	d Program	\$ -		\$ -	-	s -	-	Ī	\$ -	S
Jnassigned F		e		e		•		•	•	Ť
_	gs from 2011-2014 Framework	-	ı İ	•		-			-	4
									A CONTRACTOR OF THE CONTRACTOR	
Energy Savin	go nom 2011 2014 Humework	1								
	rvation First (CDM Plan Forecast)	\$ 2,231,322	\$ 546,801	\$ 1,491,141	\$ 473,388	\$ 3,722,463	\$ 1,020,189	T .	\$ 9,229,058	s

-64,115 124,644 274,355 51,244 73,000 176,150 35,780 21,344 117,870 19,602 87,565 325,993 3,417,108 629,727 32,605 \$ 2,571,578 5,975,227 -101,745 50,667 111,173 01,745 \$ 50,667 111,173 29,058 \$ 4,273,394 \$ 6,609,629

By Year Program to Date Incentive Actual

> 592,270 689,650

30,140

332,438

6,650

1,651,148

2,042,053

6,710

43,172

Framework Admin Budget

254,583

163,939

69,766

16,500

18,440

523,229

53,102

1,508,745

LDC Progress Page 4

Bluewater Power Distribution Corporation		A By Year		^ By Year	Spending (Program to Date)	Year to Date Cost Effectiveness (2017 Verified)			Cost Effectiveness (Year to Date) Program to Date Cost Effectiven (2015-2017 Verified)			ctiveness d)	Cost Effectiveness (Prorgram to Date)
As of:	15-Apr-19	Program to Date Admin Actual	Framework Total Budget	Program to Date Total Actual		TRC	PAC	LUEC (\$/kWh)		TRC	PAC	LUEC (\$/kWh)	Date)
	Program Sayo on Engray Coupon Program											I	
	Save on Energy Coupon Program Save on Energy Heating and Cooling Program	\$ 169,291 \$ 107,959	\$ 1,267,805 \$ 1,200,589	\$ 761,561 \$ 797,609		 				 			
	Save on Energy Home Assistance Program	\$ 73,118	\$ 1,200,589	\$ 797,609 \$ 103.258									
Residential	Save on Energy Instant Discount Program	\$ 13,874	\$ 109,697	\$ 346,312									
(Province-	Save on Energy New Construction Program	3 13,074	\$ 18,000	3 340,312									
Wide)	Save on Energy Smart Thermostat Program	\$ 665	\$ 71,845	\$ 7,315	-								
	Save on Energy Whole Home Program	-											
	Residential Programs Total	\$ 364,907	\$ 2,667,937	\$ 2,016,055					,				
	Save on Energy Audit Funding Program	s 48.756	\$ 59.582	\$ 55.466	i								
	Save on Energy Retrofit Program	\$ 929,978	\$ 3,459,397	\$ 2,972,031									
	Save on Energy Retrofit Program - P4P	-	-	-									
	Save on Energy Retrofit Program Enabled Savings	-	-	-									
	Save on Energy Small Business Lighting Program	\$ 209,827	\$ 338,470	\$ 252,999									
	Save on Energy Business Refrigeration Program	\$ 2,099	\$ 175,888	\$ 2,099									
Non-	Save on Energy Energy Performance Program	-	-	-									
Residential (Province-	Save on Energy Existing Building Commissioning Program	\$ 1,582	\$ 94,344	\$ 37,362	-								-
Wide)	Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program England Sociates	\$ 15,027	\$ 195,752	\$ 132,897		-							
	Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program	\$ 692,018	\$ 8,004,674	\$ 1,018,011			+						
	Save on Energy Process & Systems Opgrades Program - P4P	o 692,018	a 8,004,674	a 1,018,011			+			+			
1	Save on Energy Process & Systems Opgrades Program Enabled Savings			-									
	Save on Energy Energy Manager Program	\$ 335,219	\$ 629,727	\$ 335,219									
1	Save on Energy Monitoring & Targeting Program		-										
	Non-Residential Programs Total	\$ 2,234,506	\$ 12,957,833	\$ 4,806,085		,			='				_
	Adaptive Thermostat Program												
	Conservation on the Coast Home Assistance Program	-	-	-									
	Conservation on the Coast Small Business Program	-											
	First Nation Conservation Local Program	-	-	-									
	High Efficiency Agricultural Pumping	-	-	-									
Programs	Instant Savings Program	\$ 115,205	\$ 212,918	\$ 165,872									
	MURB DIL Local Program	-	3										
	Opsaver Program	-	-	-									
	PUMPSaver RTUsaver	-	-	-	-								
	Smart RT for Small and Mid-Size Business Local Program	-	-										
	Social Benchmarking Local Program	-		*	-								-
	Swimming Pool Efficiency Program												
	Local LDC Programs Total	\$ 115,205	\$ 212,918	\$ 165,872									
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra				1								
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra	-	-										
	Block Heater Timer LDC Innovation Fund Pilot Program	-			-								
	Building Optimization Pilot Program	-	-	-									
	Conservation Cultivator LDC Innovation Fund Pilot Program	-	-	-									
	Conservation Voltage Reduction Conservation Fund Program	-	-	-									
	Data Centre Pilot	-	-	-									
1	Direct Install - Hydronic Pilot Program	-	-										
1	Direct Install - RTU Controls Pilot Program	-	-	-									
1	Electronics Takeback Pilot EnWin Intelligent Air Pilot	-	<u> </u>	-						 			-
LDC	EnWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	-	 	-				-					
LDC Innovation	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-									
Pilots	Hotel/Motel LDC Innovation Fund Pilot Program			-									
	Low Income Air Source Heat Pump Pilot	-		-									
1	Ontario Clean Water Agency P4P Conservation Fund Pilot Program												
1	P4P for Class B Office Pilot Program	-											
	Performance Based Conservation Pilot Program	-	-	-									
	Residential Direct Install Pilot Program	-	-	-									
1	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-										
1	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra	-	-	-									
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-		-							
	Solar Powered Attic Ventilation Pilot Truckload Event	-	-	-		-							
	LDC Innovation Pilots Total	-				l		1				1	4
Target Con		-	•										
Target Gap			-										
Non-Approve		\$ 3,849	\$ -	\$ 3,849									
Unassigned P	•		\$ -										
Energy Savin	gs from 2011-2014 Framework												
TOTAL-O	rvation First (CDM Plan Forecast)												
		\$ 2,718,467	\$ 15,838,687	\$6,991,860.75		2.82	3.50	0.02		2.10	2.66	0.03	1
TOTAL Conse	rvation First (Target and Budget Allocation)		\$ 15,838,687										

LDC Progress Page 5

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

7) Current Rates



Rate Generator for 2020 Filers

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0019

RESIDENTIAL SERVICE CLASSIFICATION

All service supplied to single-family dwelling units for domestic or household purposes shall be classed as residential service. Where electricity service is provided for combined residential and business purposes (including agricultural usage) and the wiring does not provide for separate metering, the classification shall be in the discretion of Bluewater Power Distribution Corporation ("Bluewater Power") and shall be based on such considerations as the estimated predominant consumption or the municipal tax roll classification. A residential customer may be found in a detached, semi-detached, linear row housing, apartment building or mixed-use building. Where more than one dwelling is served by a single meter, that service shall be considered a General Service Customer. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	32.21
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	(0.0031)
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 Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis	\$/kWh	(0.0016)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0064
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Rate Generator for 2020 Filers

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a customer not designated as Residential, and that over a twelve month period has, or a new customer forecast to have, an average monthly peak demand less than 50 kW, and has a monthly peak demand that never exceeds 100 kW. Bluewater Power shall review this rate class designation on an annual basis and the customer's designated rate class may change as a result. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	28.84
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0201
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	(0.0031)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2020	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis	\$/kWh	(0.0016)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Rate Generator for 2020 Filers

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification applies to a customer not designated as Residential, and that over a twelve month period has, or a new customer forecast to have, an average monthly peak demand equal to or greater than 50 kW and less than 1,000 kW. This rate class designation is reviewed on an annual basis and the customer's designated rate class may change as a result. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Service Charge	\$	154.06
Distribution Volumetric Rate	\$/kW	4.4770
Low Voltage Service Rate	\$/kW	0.0748
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	(0.0031)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		,
- effective until April 30, 2020	\$/kW	0.3135
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	·	
Applicable only for Non-Wholesale Market Participants - Approved on an Interim Basis	\$/kW	(0.8687)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	**	(,
- Approved on an Interim Basis	\$/kW	0.3030
Retail Transmission Rate - Network Service Rate	\$/kW	2.5158
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2673
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Rate Generator for 2020 Filers

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a customer not designated Residential, and that: over a twelve month period has, or a new customer forecast to have, an average monthly peak demand equal to or greater than 1,000 kW and less than 5,000 kW. This rate class designation is reviewed on an annual basis and the customer's designated rate class may change as a result. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Service Charge	\$	3,386.44
Distribution Volumetric Rate	\$/kW	1.8264
Low Voltage Service Rate	\$/kW	0.0820
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kW	0.0193
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020	*	
- Approved on an Interim Basis	\$/kW	(0.7538)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6720
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4855
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

LARGE USE SERVICE CLASSIFICATION

This classification applies to a customer not designated as Residential, and that over 12 consecutive billing periods has, or a new customer forecast to have, an average monthly peak demand equal to or greater than 5,000 kW. This rate class designation is reviewed on an annual basis and the customer's designated rate class may change as a result. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Service Charge		\$	26,499.73
Distribution Volumetric Rate		\$/kW	1.9901
Low Voltage Service Rate		\$/kW	0.0938
Rate Rider for Disposition of Lost Revenue Adjustment Me	echanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2020		\$/kW	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
Applicable only for Non-Wholesale Market Participants	s - Approved on an Interim Basis	\$/kW	(1.4213)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis		\$/kW	0.4827
Retail Transmission Rate - Network Service Rate - Interva	al Metered	\$/kW	2.9586
Retail Transmission Rate - Line and Transformation Conn	ection Service Rate - Interval Metered	\$/kW	2.8423
MONTHLY RATES AND CHARGES - Regulat	tory Component		
Wholesale Market Service Rate (WMS) - not including CB	R	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B	Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRI	P)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applic	cable)	\$	0.25



Rate Generator for 2020 Filers

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or a new customer forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by Bluewater Power and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	12.96
Distribution Volumetric Rate	\$/kWh	0.0352
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2020	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		,
- Approved on an Interim Basis	\$/kWh	(0.0016)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	4.17
Distribution Volumetric Rate	\$/kW	27.5377
Low Voltage Service Rate	\$/kW	0.0590
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until April 30, 2020		
Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	(0.0031)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2020	\$/kW	(0.1254)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis	\$/kW	(0.5712)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7895
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism

Rate Generator for 2020 Filers

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

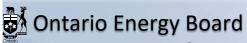
The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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

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

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

Service Charge (per connection)	\$	2.59
Distribution Volumetric Rate	\$/kW	20.1407
Low Voltage Service Rate	\$/kW	0.0578
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2020	\$/kW	(0.1519)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until April 30, 2020		
- Approved on an Interim Basis	\$/kW	(0.5364)
Retail Transmission Rate - Network Service Rate	\$/kW	1.8973
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7530
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the 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 Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	\$/kW %	(0.60) (1.00)

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Customer Administration		
Duplicate invoices for previous billing	\$	15.00
Income tax letter	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	10.00
Returned cheque (plus bank charges)	\$	15.00
Special meter reads	\$	30.00
Account history	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account (see Note below)		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	43.63
NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019.		

RETAIL SERVICE CHARGES (if applicable)

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

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

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

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

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

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0421
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.017
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0316
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0069

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

8) Proposed Rates

Effective and Implementation Date May 1, 2020

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

EB-2019-0021

RESIDENTIAL SERVICE CLASSIFICATION

All service supplied to single-family dwelling units for domestic or household purposes shall be classed as residential service. Where electricity service is provided for combined residential and business purposes (including agricultural usage) and the wiring does not provide for separate metering, the classification shall be in the discretion of Bluewater Power Distribution Corporation ("Bluewater Power") and shall be based on such considerations as the estimated predominant consumption or the municipal tax roll classification. A residential customer may be found in a detached, semi-detached, linear row housing, apartment building or mixed-use building. Where more than one dwelling is served by a single meter, that service shall be considered a General Service Customer. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Rural or Remote Electricity Rate Protection Charge (RRRP)

Service Charge	\$	32.60
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0013)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

\$/kWh

0.0005

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

EB-2019-0021

0.25

\$

Standard Supply Service - Administrative Charge (if applicable)

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

EB-2019-0021

0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a customer not designated as Residential, and that over a twelve month period has, or a new customer forecast to have, an average monthly peak demand less than 50 kW, and has a monthly peak demand that never exceeds 100 kW. Bluewater Power shall review this rate class designation on an annual basis and the customer's designated rate class may change as a result. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	29.19
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0203
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0012)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005

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

EB-2019-0021

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification applies to a customer not designated as Residential, and that over a twelve month period has, or a new customer forecast to have, an average monthly peak demand equal to or greater than 50 kW and less than 1,000 kW. This rate class designation is reviewed on an annual basis and the customer's designated rate class may change as a result. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

Service Charge	\$	155.91
Distribution Volumetric Rate	\$/kW	4.5307
Low Voltage Service Rate	\$/kW	0.0748
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	0.3935

Effective and Implementation Date May 1, 2020

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

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			EB-2019-0021
	Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021		
	Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5122)
	Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1046
	Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
	Applicable only for Class B Customers	\$/kW	(0.0418)
	Retail Transmission Rate - Network Service Rate	\$/kW	2.6694
	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4147
	MONTHLY RATES AND CHARGES - Regulatory Component		
	Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
	Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
	Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
	Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020
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EB-2019-0021

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a customer not designated Residential, and that: over a twelve month period has, or a new customer forecast to have, an average monthly peak demand equal to or greater than 1,000 kW and less than 5,000 kW. This rate class designation is reviewed on an annual basis and the customer's designated rate class may change as a result. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Service Charge	\$	3,427.08
Distribution Volumetric Rate	\$/kW	1.8483
Low Voltage Service Rate	\$/kW	0.0820

Effective and Implementation Date May 1, 2020

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

		EB-2019-0021
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021 Applicable only for Class B Customers	\$/kW	(0.0190)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kW	0.0112
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.5454)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8352
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6470
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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LARGE USE SERVICE CLASSIFICATION

This classification applies to a customer not designated as Residential, and that over 12 consecutive billing periods has, or a new customer forecast to have, an average monthly peak demand equal to or greater than 5,000 kW. This rate class designation is reviewed on an annual basis and the customer's designated rate class may change as a result. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

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

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

Service Charge	\$	26,817.73
Distribution Volumetric Rate	\$/kW	2.0140
Low Voltage Service Rate	\$/kW	0.0938
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	(0.0013)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.8196)

Effective and Implementation Date May 1, 2020

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

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		EB-2019-0021
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1681
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1393
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.0270
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

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EB-2019-0021

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or a new customer forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by Bluewater Power and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	13.12
Distribution Volumetric Rate	\$/kWh	0.0356
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0011)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Standard Supply Service - Administrative Charge (ii applicable)	Ψ	0.23

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

EB-2019-0021

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	4.22
Distribution Volumetric Rate	\$/kW	27.8682
Low Voltage Service Rate	\$/kW	0.0590
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	(0.0028)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kW	(0.0652)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.3899)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kW	(0.0399)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0233
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9058
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2020

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

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STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	2.62
Distribution Volumetric Rate	\$/kW	20.3824
Low Voltage Service Rate	\$/kW	0.0578
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kW	(0.0415)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) -		
effective until April 30, 2021	\$/kW	(0.0892)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.4024)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0132
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8669
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2019-0021

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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	Ψ	3.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration	
Duplicate invoices for previous billing	\$ 15.00
Income tax letter	\$ 15.00
Legal letter charge	\$ 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 10.00
Returned cheque (plus bank charges)	\$ 15.00
Special meter reads	\$ 30.00

Effective and Implementation Date May 1, 2020

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		EB-2019-0021
Account history	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account (see Note below)		
Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	44.28
NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifications to the Non-Payment of Account Service Charges effective July 1, 2019.	ies	

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	101.50
Monthly fixed charge, per retailer	\$	40.60
Monthly variable charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.06
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the	;	
Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	\$	2.00

LOSS FACTORS

Effective and Implementation Date May 1, 2020

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

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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	1.0421
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.017
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0316
Total Loss Factor - Primary Metered Customer > 5.000 kW	1.0069

Bluewater Power Distribution Corporation 2020 4th Generation IRM Rate Application EB-2019-0021 November 1, 2019

9) Bill Impacts



The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 0 tho consumption percentile (In other words, 10% of a distributor's residential customers at the distribution or a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.

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

Note:

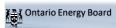
1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2018 of \$0.1117/kWh (IESO'S Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

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

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand- Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0421	1.0421	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0421	1.0421	2,000		CONSUMPTION	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	RPP	1.0421	1.0421	42,000	120	DEMAND	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0421	1.0421	1,000,000	2,100	DEMAND	
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0421	1.0421	5,900,000	10,000	EMAND - INTERVA	AL.
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0421	1.0421	714		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0421	1.0421	103	1	DEMAND	385
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0421	1.0421	303	1	DEMAND	808
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0421	1.0421	750		CONSUMPTION	



Ta	bl	e	2

					Cub	-Total			Total	
RATE CLASSES / CATEGORIES	Units	A			Jub	В		С	Total Bill	
(eg: Residential TOU, Residential Retailer)		\$	%		\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.09	0.3%	\$	0.24	0.7%	\$ 0.87	1.9%	\$ 0.91	0.8%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.75	1.1%	\$	1.35	1.8%	\$ 3.02	3.0%	\$ 3.17	1.1%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - RPP	kW	\$ 17.89	2.5%	\$	31.85	4.8%	\$ 67.97	5.5%	\$ 76.81	1.4%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 69.62	1.0%	\$	467.36	8.0%	\$ 1,149.23	6.9%	\$ 1,298.63	0.8%
LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 569.00	1.2%	\$	3,440.00	9.1%	\$ 7,094.00	7.4%	\$ 8,016.22	0.9%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.87	2.3%	\$	1.16	3.0%	\$ 1.75	3.7%	\$ 1.98	1.6%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 19.64	1.2%	\$	19.78	1.2%	\$ 20.01	1.2%	\$ 22.62	1.2%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 24.54	1.2%	\$	24.64	1.2%	\$ 24.87	1.2%	\$ 28.10	1.2%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.09	0.3%	<	0.46	1.4%	\$ 1 09	2.5%	\$ 1 23	0.8%



		Current Of	B-Approved	l				Proposed			lm	pact
	Rate		Volume	Charge			Rate	Volume	Charge			
	(\$)			(\$)			(\$)		(\$)		Change	% Change
Monthly Service Charge	\$	32.21	1	\$	32.21	\$	32.60	1	\$ 32.60	\$	0.39	1.21%
Distribution Volumetric Rate	\$	-	750	\$	-	\$	-	750	\$ -	\$	-	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	\$	-	
Volumetric Rate Riders	\$	0.0008	750	\$	0.60	\$	0.0004	750	\$ 0.30	\$	(0.30)	-50.00%
Sub-Total A (excluding pass through)					32.81				\$ 32.90		0.09	0.27%
Line Losses on Cost of Power	\$	0.0824	32	\$	2.60	\$	0.0824	32	\$ 2.60	\$	-	0.00%
Total Deferral/Variance Account Rate	_e	0.0016	750	\$	(1.20)	-e	0.0013	750	\$ (0.98)	•	0.23	-18.75%
Riders	-9	0.0010			(1.20)	-9			` '	1		-10.7376
CBR Class B Rate Riders	\$	-	750	\$	-	-\$	0.0001	750	\$ (0.08)	\$	(80.0)	
GA Rate Riders	\$	-	750	\$	-	\$	-	750	\$ -	\$	-	
Low Voltage Service Charge	\$	0.0002	750	\$	0.15	\$	0.0002	750	\$ 0.15	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	e	0.57	1	\$	0.57	s	0.57	1	\$ 0.57	\$		0.00%
	*	0.57		*	0.07	•	0.07	•	Ψ 0.01	Ψ		0.0070
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	\$	-	
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$ -	\$	-	
Sub-Total B - Distribution (includes Sub-				s :	34.93				\$ 35.17	s	0.24	0.69%
Total A)				•					,	-		
RTSR - Network	\$	0.0067	782	\$	5.24	\$	0.0071	782	\$ 5.55	\$	0.31	5.97%
RTSR - Connection and/or Line and	s	0.0064	782	\$	5.00	s	0.0068	782	\$ 5.31	\$	0.31	6.25%
Transformation Connection	*			<u> </u>		-			,			
Sub-Total C - Delivery (including Sub-				\$	15.17				\$ 46.03	\$	0.87	1.92%
Total B)				•					*	Ť		
Wholesale Market Service Charge	s	0.0034	782	\$	2.66	s	0.0034	782	\$ 2.66	\$	-	0.00%
(WMSC)				•								
Rural and Remote Rate Protection	s	0.0005	782	\$	0.39	s	0.0005	782	\$ 0.39	\$	-	0.00%
(RRRP)	1									l .		
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25		\$ 0.25		-	0.00%
TOU - Off Peak	\$	0.0650	488		31.69	\$	0.0650		\$ 31.69		-	0.00%
TOU - Mid Peak TOU - On Peak	\$	0.0940	128		11.99	\$	0.0940	128	\$ 11.99		-	0.00%
TOU - On Peak	\$	0.1340	135	\$	8.09	\$	0.1340	135	\$ 18.09	\$	-	0.00%
Total Bill on TOU (before Taxes)					0.23				\$ 111.09		0.87	0.78%
HST		13%			14.33		13%		\$ 14.44		0.11	0.78%
8% Rebate		8%			(8.82)		8%		\$ (8.89)		(0.07)	
Total Bill on TOU				\$ 1	5.74				\$ 116.65	\$	0.91	0.78%



		Current O	B-Approved	i	Т		Proposed		Ir	npact
		ate (\$)	Volume	Charge (\$)		Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$	28.84	1	\$ 28.8	4 \$	29.19	1	\$ 29.19	\$ 0.35	1.21%
Distribution Volumetric Rate	\$	0.0201	2000	\$ 40.2	0 \$	0.0203	2000	\$ 40.60	\$ 0.40	1.00%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Volumetric Rate Riders	\$	0.0005	2000	\$ 1.0	0 \$	0.0005	2000		\$ -	0.00%
Sub-Total A (excluding pass through)				\$ 70.0				\$ 70.79		1.07%
Line Losses on Cost of Power	\$	0.0824	84	\$ 6.9	3 \$	0.0824	84	\$ 6.93	\$ -	0.00%
Total Deferral/Variance Account Rate	_e	0.0016	2,000	\$ (3.2	0) -\$	0.0012	2,000	\$ (2.40)	\$ 0.80	-25.00%
Riders	-9	0.0010		,	1		-	` '	1 2	
CBR Class B Rate Riders	\$	-	2,000	\$ -	-\$		2,000	\$ (0.20)	\$ (0.20)	
GA Rate Riders	\$	-	2,000	\$ -	\$		2,000	\$ -	\$ -	
Low Voltage Service Charge	\$	0.0002	2,000	\$ 0.4	0 \$	0.0002	2,000	\$ 0.40	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$ 0.5	7 \$	0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	s	_	1	\$ -	s		1	s -	\$ -	
Additional Volumetric Rate Riders	ľ		2.000	\$ -	Š	-	2.000	š -	\$ -	
Sub-Total B - Distribution (includes Sub-							_,,,,,			
Total A)				\$ 74.7				\$ 76.09	•	1.81%
RTSR - Network	\$	0.0063	2,084	\$ 13.1	3 \$	0.0067	2,084	\$ 13.96	\$ 0.83	6.35%
RTSR - Connection and/or Line and	s	0.0057	2,084	\$ 11.8	8 S	0.0061	2,084	\$ 12.71	\$ 0.83	7.02%
Transformation Connection	*	0.0001	2,004	Ψ 11.0	• •	0.0001	2,004	Ψ 12.71	Ψ 0.00	1.0270
Sub-Total C - Delivery (including Sub- Total B)				\$ 99.7	5			\$ 102.77	\$ 3.02	3.02%
Wholesale Market Service Charge	1.				+				1.	
(WMSC)	\$	0.0034	2,084	\$ 7.0	9 \$	0.0034	2,084	\$ 7.09	\$ -	0.00%
Rural and Remote Rate Protection									_	
(RRRP)	\$	0.0005	2,084	\$ 1.0	4 \$	0.0005	2,084	\$ 1.04	\$ -	0.00%
Standard Supply Service Charge	\$	0.25	1	\$ 0.2	5 \$	0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$	0.0650	1,300	\$ 84.5	0 \$	0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$	0.0940	340	\$ 31.9	6 \$	0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$	0.1340	360	\$ 48.2	4 \$	0.1340	360	\$ 48.24	\$ -	0.00%
Total Bill on TOU (before Taxes)				\$ 272.8	3			\$ 275.85	\$ 3.02	1.11%
HST		13%		\$ 35.4	7	13%		\$ 35.86	\$ 0.39	1.11%
8% Rebate		8%		\$ (21.8		8%		\$ (22.07)		
Total Bill on TOU				\$ 286.4	7			\$ 289.64	\$ 3.17	1.11%



	С	urrent OE	B-Approve	1	T		Proposed		l Ir	npact
	Rate		Volume	Charge		Rate	Volume	Charge		
	(\$)			(\$)		(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	154.06		\$ 154.0	3 \$			\$ 155.91	\$ 1.85	1.20%
Distribution Volumetric Rate	\$	4.4770	120	\$ 537.2	4 \$	4.5307	120	\$ 543.68	\$ 6.44	1.20%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Volumetric Rate Riders	\$	0.3135	120			0.3935	120		\$ 9.60	25.52%
Sub-Total A (excluding pass through)				\$ 728.9	2			\$ 746.81	\$ 17.89	2.45%
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	-\$	0.5657	120	\$ (67.8)	37 -	0.4076	120	\$ (48.91)	\$ 18.97	-27.95%
Riders	-ψ	0.3037	-	ψ (07.00	φ- (د					
CBR Class B Rate Riders	\$	-	120	\$ -	-\$	0.0418	120	\$ (5.02)	\$ (5.02)	
GA Rate Riders	\$	-	,	\$ -	\$	-	42,000	\$ -	\$ -	
Low Voltage Service Charge	\$	0.0748	120	\$ 8.9	3 \$	0.0748	120	\$ 8.98	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$ -	\$	_	1	\$ -	\$ -	
Additional Fixed Rate Riders	e	_	1	¢ _		_	1	\$ -	٠ .	
Additional Volumetric Rate Riders	4	-	120	\$ -	Š		120	\$ -	\$ -	
Sub-Total B - Distribution (includes			120	•			120		*	
Sub-Total A)				\$ 670.0	1			\$ 701.86	\$ 31.85	4.75%
RTSR - Network	\$	2.5158	120	\$ 301.9) \$	2.6694	120	\$ 320.33	\$ 18.43	6.11%
RTSR - Connection and/or Line and	s	2.2673	120	\$ 272.0	3 \$	2,4147	120	\$ 289.76	\$ 17.69	6.50%
Transformation Connection	J.	2.2073	120	Φ 212.0t	9	2.4147	120	\$ 209.70	\$ 17.09	0.30%
Sub-Total C - Delivery (including Sub-				\$ 1,243.9	3			\$ 1,311,95	\$ 67.97	5.46%
Total B)				* .,=	1			• .,		
Wholesale Market Service Charge	\$	0.0034	43,768	\$ 148.8	1 \$	0.0034	43,768	\$ 148.81	\$ -	0.00%
(WMSC) Rural and Remote Rate Protection								·	-	
(RRRP)	\$	0.0005	43,768	\$ 21.88	3 \$	0.0005	43,768	\$ 21.88	\$ -	0.00%
Standard Supply Service Charge	•	0.25	1	\$ 0.29	5 \$	0.25	1	\$ 0.25	s -	0.00%
TOU - Off Peak	Š	0.0650	28,449				28,449			0.00%
TOU - Mid Peak	Š	0.0940	7.441	\$ 699.4				\$ 699.42		0.00%
TOU - On Peak	\$	0.1340	7.878				7,878			0.00%
			,,,,				,	, , , , , , , , , , , , , , , , , , , ,		
Total Bill on TOU (before Taxes)				\$ 5,019.2	1			\$ 5,087.21	\$ 67.97	1.35%
HST		13%		\$ 652.50)	13%		\$ 661.34	\$ 8.84	1.35%
Total Bill on TOU				\$ 5,671.7	1			\$ 5,748.55	\$ 76.81	1.35%



Customer Class: RPP / Non-RPP:

Consumption Demand Current Loss Factor Proposed/Approved Loss Factor

		Current Ol	EB-Approved	d				Proposed				lm	pact
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	9	Change	% Change
Monthly Service Charge	\$	3,386.44	1	\$	3,386.44	\$	3,427.08	1	\$	3,427.08	\$	40.64	1.20%
Distribution Volumetric Rate	\$	1.8264	2100	\$	3,835.44	\$	1.8483	2100	\$	3,881.43	\$	45.99	1.20%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	0.0193	2100	\$	40.53	\$	0.0112	2100	\$	23.52	\$	(17.01)	-41.97%
Sub-Total A (excluding pass through)				\$	7,262.41				\$	7,332.03	\$	69.62	0.96%
Line Losses on Cost of Power	\$	-	-	\$		\$			\$	-	\$	-	
Total Deferral/Variance Account Rate Riders	-\$	0.7538	2,100		(1,582.98)	-\$	0.5454	2,100	\$	(1,145.34)		437.64	-27.65%
CBR Class B Rate Riders	\$	-	2,100		-	-\$	0.0190	2,100	\$	(39.90)	\$	(39.90)	
GA Rate Riders	\$	-	1,000,000		-	\$	-	1,000,000	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0820	2,100	\$	172.20	\$	0.0820	2,100	\$	172.20	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$		1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			2,100	\$	-	\$	-	2,100	\$		\$	-	
Sub-Total B - Distribution (includes Sub-				s	5.851.63				\$	6.318.99	\$	467.36	7.99%
Total A)				Þ	3,031.03				Ð	0,310.99	9	407.30	
RTSR - Network	\$	2.6720	2,100	\$	5,611.20	\$	2.8352	2,100	\$	5,953.92	\$	342.72	6.11%
RTSR - Connection and/or Line and	s	2.4855	2.100	¢	5,219,55	•	2.6470	2.100	•	5.558.70	\$	339.15	6.50%
Transformation Connection	Ŷ	4.7000	2,100	¥	0,210.00	•	2.0710	2,.00	Ψ	0,0000)	555.15	0.00 /
Sub-Total C - Delivery (including Sub- Total B)				\$	16,682.38				\$	17,831.61	\$	1,149.23	6.89%
Wholesale Market Service Charge (WMSC)	\$	0.0034	1,042,100	\$	3,543.14	\$	0.0034	1,042,100	\$	3,543.14	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0005	1,042,100	\$	521.05	\$	0.0005	1,042,100	\$	521.05	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	1,042,100	\$	114,735.21	\$	0.1101	1,042,100	\$	114,735.21	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	135,482,03				\$	136,631.26	\$	1.149.23	0.85%
HST		13%		\$	17,612,66		13%		\$	17,762.06		149.40	0.85%
Total Bill on Average IESO Wholesale Market Price				\$	153,094.69				\$	154,393.32		1,298.63	0.85%
									_				



| Customer Class: | LARGE USE SERVICE CLASSIFICATION | RPP / Non-RPP: | Non-RPP (Other) | Consumption | 5,900,000 | kWh | Demand | Current Loss Factor | 1.0421 | Proposed/Approved Loss Factor | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Customer | 1.0421 | Cus

		Current Ol	B-Approved	ı		Proposed	ı	In	pact
	Rate		Volume	Charge	Rate	Volume	Charge		
	(\$)			(\$)	(\$)		(\$)	\$ Change	% Change
Monthly Service Charge	\$	26,499.73	1	\$ 26,499.73	\$ 26,817.7	3	\$ 26,817.73	\$ 318.00	1.20%
Distribution Volumetric Rate	\$	1.9901	10000	\$ 19,901.00	\$ 2.014	10000	\$ 20,140.00	\$ 239.00	1.20%
Fixed Rate Riders	\$	-	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$	0.0025	10000	\$ (25.00)	-\$ 0.001	10000	\$ (13.00)	\$ 12.00	-48.00%
Sub-Total A (excluding pass through)				\$ 46,375.73			\$ 46,944.73	\$ 569.00	1.23%
Line Losses on Cost of Power	\$	-	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	•	0.9386	10.000	\$ (9,386.00)	-\$ 0.651	10.000	\$ (6,515.00)	\$ 2,871.00	-30.59%
Riders	-\$	0.9386	10,000	\$ (9,386.00)	-\$ 0.651	10,000	\$ (6,515.00)	\$ 2,871.00	-30.59%
CBR Class B Rate Riders	\$	-	10,000	\$ -	\$ -	10,000	\$ -	\$ -	
GA Rate Riders	\$	-	5,900,000	\$ -	\$ -	5,900,000	\$ -	\$ -	
Low Voltage Service Charge	\$	0.0938	10,000	\$ 938.00	\$ 0.093	10,000	\$ 938.00	\$ -	0.00%
Smart Meter Entity Charge (if applicable)				•					
, , , , ,	\$	-	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$	-	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders			10,000	\$ -	\$ -	10,000	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-				\$ 37.927.73			\$ 41,367,73	\$ 3,440,00	9.07%
Total A)				* *************************************			, ,,,,	, ,,	
RTSR - Network	\$	2.9586	10,000	\$ 29,586.00	\$ 3.139	10,000	\$ 31,393.00	\$ 1,807.00	6.11%
RTSR - Connection and/or Line and	s	2.8423	10,000	\$ 28,423.00	\$ 3.027	10,000	\$ 30,270.00	\$ 1.847.00	6.50%
Transformation Connection	•	2.0420	10,000	Ψ 20,420.00	\$ 0.027	10,000	ψ 50,270.00	Ψ 1,047.00	0.5076
Sub-Total C - Delivery (including Sub-				\$ 95.936.73			\$ 103.030.73	\$ 7.094.00	7.39%
Total B)				Ψ 30,330.10			ψ 100,000.70	Ψ 1,034.00	1.5570
Wholesale Market Service Charge	s	0.0034	6,148,390	\$ 20.904.53	\$ 0.003	6,148,390	\$ 20.904.53	\$ -	0.00%
(WMSC)	*	0.000	0,110,000	20,001.00	• 0.000	0,1.10,000	20,001.00	Ψ	0.0070
Rural and Remote Rate Protection	•	0.0005	6,148,390	\$ 3,074.20	\$ 0.000	6,148,390	\$ 3,074.20	\$ -	0.00%
(RRRP)	*		0,140,000			., .,	*	Ψ	
Standard Supply Service Charge	\$	0.25	1	\$ 0.25			\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$	0.1101	6,148,390	\$ 676,937.74	\$ 0.110	6,148,390	\$ 676,937.74	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price				\$ 796,853.44			\$ 803,947.44		0.89%
HST		13%		\$ 103,590.95	13	%	\$ 104,513.17		0.89%
Total Bill on Average IESO Wholesale Market Price				\$ 900,444.39			\$ 908,460.61	\$ 8,016.22	0.89%



Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

RPP / Non-RPP: RPP

Consumption 714 kWh

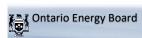
Damand Like White Consumption 8 kWhite Consumption 7 kWhite Consumption 7 kWhite Consumption 8 kWhite Consumption

		Current Of	B-Approved	1	Т		Proposed	1	Impact		
	Rat		Volume	Charge		Rate	Volume	Charge			
	(\$)			(\$)		(\$)		(\$)		Change	% Change
Monthly Service Charge	\$	12.96	1			\$ 13.12	1	\$ 13.1		0.16	1.23%
Distribution Volumetric Rate	\$	0.0352	714			\$ 0.0356	714	\$ 25.4	2 \$	0.29	1.14%
Fixed Rate Riders	\$	-	1	\$		\$ -	1	\$ -	\$	-	
Volumetric Rate Riders	-\$	0.0012	714		.86) -	\$ 0.0006	714		3) \$	0.43	-50.00%
Sub-Total A (excluding pass through)					.24			\$ 38.1		0.87	2.35%
Line Losses on Cost of Power	\$	0.0824	30	\$.48	\$ 0.0824	30	\$ 2.4	B \$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.0016	714	\$ (*	.14) -	·\$ 0.0011	714	\$ (0.7	9) \$	0.36	-31.25%
Riders	l .	0.00.0		,					,		01.2070
CBR Class B Rate Riders	\$	-	714	\$	- -	\$ 0.0001	714		7) \$	(0.07)	
GA Rate Riders	\$	-	714	\$	-	\$ -	714	\$ -	\$	-	
Low Voltage Service Charge	\$	0.0002	714	\$.14	\$ 0.0002	714	\$ 0.1	4 \$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$ -	1	\$ -	\$	-	
Additional Fixed Rate Riders	s	-	1	\$	-	s -	1	s -	\$	-	
Additional Volumetric Rate Riders	*		714	\$	- 1	š -	714	š -	ŝ	-	
Sub-Total B - Distribution (includes Sub-						•					
Total A)				\$ 38	.71			\$ 39.8	7 \$	1.16	3.00%
RTSR - Network	\$	0.0063	744	\$.69	\$ 0.0067	744	\$ 4.9	9 \$	0.30	6.35%
RTSR - Connection and/or Line and		0.0057	744	•	.24	\$ 0.0061	744			0.00	7.000/
Transformation Connection	•	0.0057	744	\$.24	\$ 0.0061	744	\$ 4.5	4 \$	0.30	7.02%
Sub-Total C - Delivery (including Sub-				\$ 47	.64			\$ 49.4	n e	1.75	3.68%
Total B)				Ψ	.04			Ψ 13.1	Ψ	1.70	3.0070
Wholesale Market Service Charge	s	0.0034	744	\$.53	\$ 0.0034	744	\$ 2.5	3 \$	_	0.00%
(WMSC)	*	0.000		•	.00	• 0.0001		2.0	Ψ.		0.0070
Rural and Remote Rate Protection	s	0.0005	744	\$.37	\$ 0.0005	744	\$ 0.3	7 \$	_	0.00%
(RRRP)	I.		. 14	•			144		1.		
Standard Supply Service Charge	\$	0.25	1		.25		1	\$ 0.2		-	0.00%
TOU - Off Peak	\$	0.0650	464		.17		464	\$ 30.1		-	0.00%
TOU - Mid Peak	\$	0.0940	121		.41		121	\$ 11.4		-	0.00%
TOU - On Peak	\$	0.1340	129	\$ 17	.22	\$ 0.1340	129	\$ 17.2	2 \$	-	0.00%
Total Bill on TOU (before Taxes)				\$ 109				\$ 111.3		1.75	1.60%
HST		13%			.25	13%		\$ 14.4		0.23	1.60%
Total Bill on TOU				\$ 123	.84			\$ 125.8	2 \$	1.98	1.60%

Ontario Energy Board

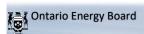
Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

			EB-Approve				Proposed		Impact			
		Rate	Volume	Charge		Rate	Volume	Charge				
		(\$)		(\$)		(\$)		(\$)	\$ Change			
Monthly Service Charge	\$	4.17	385				385		\$ 19.			
Distribution Volumetric Rate	\$	27.5377	1	\$ 27.5	4 \$	27.8682	1	\$ 27.87		33 1.20%		
Fixed Rate Riders	\$	-	385	\$ -	\$	-	385		\$ -			
Volumetric Rate Riders	-\$	0.1254	1		3) -\$	0.0652	1	\$ (0.07)		06 -48.01%		
Sub-Total A (excluding pass through)				\$ 1,632.8				\$ 1,652.50				
Line Losses on Cost of Power	\$	0.0824	4	\$ 0.3	6 \$	0.0824	4	\$ 0.36	\$ -	0.00%		
Total Deferral/Variance Account Rate	-¢	0.5712	1	\$ (0.5	7) -\$	0.3899	1	\$ (0.39)	\$ 0	18 -31,74%		
Riders	٠,	0.37 12		ψ (0.5	1) - 4				-			
CBR Class B Rate Riders	\$	-	1	\$ -	-\$	0.0399	1	\$ (0.04)	\$ (0.	04)		
GA Rate Riders	\$	-	103	\$ -	\$	-	103	\$ -	\$ -			
Low Voltage Service Charge	\$	0.0590	1	\$ 0.0	6 \$	0.0590	1	\$ 0.06	\$ -	0.00%		
Smart Meter Entity Charge (if applicable)	•	_	1	٠.		_	1		۹ .			
	*			Ψ	Ψ			•	Ÿ			
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -			
Additional Volumetric Rate Riders			1	\$ -	\$	-	1	\$ -	\$ -			
Sub-Total B - Distribution (includes				\$ 1.632.7	1			\$ 1.652.49	\$ 19.	78 1.21%		
Sub-Total A)				, , , , ,				, ,,,,				
RTSR - Network	\$	1.9069	1	\$ 1.9	1 \$	2.0233	1	\$ 2.02	\$ 0.	12 6.10%		
RTSR - Connection and/or Line and	\$	1.7895	1	\$ 1.7	9 \$	1.9058	1	\$ 1.91	\$ 0.	12 6.50%		
Transformation Connection	۳	1.1000		Ψ 1.7	J .	1.5000	<u> </u>	Ψ 1.51	Ψ 0.	0.5070		
Sub-Total C - Delivery (including Sub-				\$ 1.636.4	n			\$ 1.656.42	\$ 20.	01 1.22%		
Total B)				Ψ 1,000.4	_			Ψ 1,000.42	\$ 20.	1.22/		
Wholesale Market Service Charge	\$	0.0034	107	\$ 0.3	6 \$	0.0034	107	\$ 0.36	s -	0.00%		
(WMSC)	*	0.0004	107	ψ 0.5	· •	0.0004	101	Ψ 0.50	Ÿ	0.0070		
Rural and Remote Rate Protection	•	0.0005	107	\$ 0.0	5 \$	0.0005	107	\$ 0.05	s -	0.00%		
(RRRP)	*		107	•			107		Ÿ			
Standard Supply Service Charge	\$	0.25	1	\$ 0.2			1	\$ 0.25	\$ -	0.0070		
TOU - Off Peak	\$	0.0650	67	\$ 4.3			67	\$ 4.35	\$ -	0.0070		
TOU - Mid Peak	\$	0.0940	18	\$ 1.6	5 \$	0.0940	18	\$ 1.65	\$ -	0.00%		
TOU - On Peak	\$	0.1340	19	\$ 2.4	8 \$	0.1340	19	\$ 2.48	\$ -	0.00%		
Total Bill on TOU (before Taxes)				\$ 1,645.5				\$ 1,665.57	\$ 20.	01 1.22%		
HST		13%		\$ 213.9		13%		\$ 216.52	\$ 2.	60 1.22%		
Total Bill on TOU				\$ 1,859.4	8			\$ 1,882.09	\$ 22.	62 1.22%		



Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	303	kWh
Demand	1	kW
Current Loss Factor	1.0421	
Proposed/Approved Loss Factor	1.0421	

	С	d			Proposed	Impact					
	Rate		Volume	Charge		Rate	Volume	Charge			
	(\$)			(\$)		(\$)		(\$)		Change	% Change
Monthly Service Charge	\$	2.59	808		\$	2.62	808			24.24	1.16%
Distribution Volumetric Rate	\$	20.1407	1	\$ 20.14	\$	20.3824	1	\$ 20.38	\$	0.24	1.20%
Fixed Rate Riders	\$	-	808	\$ -	\$	-	808		\$	-	
Volumetric Rate Riders	-\$	0.1519	1	\$ (0.15)	-\$	0.0892	1	\$ (0.09)		0.06	-41.28%
Sub-Total A (excluding pass through)	_			\$ 2,112.71				\$ 2,137.25		24.54	1.16%
Line Losses on Cost of Power	\$	0.1101	13	\$ 1.40	\$	0.1101	13	\$ 1.40	\$	-	0.00%
Total Deferral/Variance Account Rate	-s	0.5364	1	\$ (0.54)	-\$	0.4024	1	\$ (0.40)	s	0.13	-24.98%
Riders		0.000		ψ (0.0 i)	Ţ						21.0070
CBR Class B Rate Riders	\$	-	1	\$ -	-\$	0.0415	1	\$ (0.04)	\$	(0.04)	
GA Rate Riders	\$		303	\$ -	\$		303	\$ -	\$	-	
Low Voltage Service Charge	\$	0.0578	1	\$ 0.06	\$	0.0578	1	\$ 0.06	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$ -	\$	-	1	\$ -	\$	-	1
Additional Fixed Rate Riders	e	_	1	¢ .		_	4	•	•	_	
Additional Volumetric Rate Riders	*	-	, '	\$ -	ě		4	\$ -	9		
Sub-Total B - Distribution (includes				•	Ψ				Ψ		
Sub-Total A)				\$ 2,113.63				\$ 2,138.27	\$	24.64	1.17%
RTSR - Network	\$	1.8973	1	\$ 1.90	\$	2.0132	1	\$ 2.01	\$	0.12	6.11%
RTSR - Connection and/or Line and		4 7500			_	4 0000	1			0.44	0.500/
Transformation Connection	\$	1.7530	1	\$ 1.75	\$	1.8669	1	\$ 1.87	\$	0.11	6.50%
Sub-Total C - Delivery (including Sub-				\$ 2,117.28				\$ 2,142.15	•	24.87	1.17%
Total B)				Ψ 2,117.20				Ψ 2,142.10	۳	24.07	1.1770
Wholesale Market Service Charge	s	0.0034	316	\$ 1.07	s	0.0034	316	\$ 1.07	\$	_	0.00%
(WMSC)	•	0.0004	310	Ψ 1.07	Ψ	0.0004	310	Ψ 1.07	Ψ		0.0070
Rural and Remote Rate Protection	s	0.0005	316	\$ 0.16	\$	0.0005	316	\$ 0.16	s	_	0.00%
(RRRP)	l *		0.0	•	1.		0.0	*			
Standard Supply Service Charge	\$	0.25	1	\$ 0.25		0.25	1	\$ 0.25		-	0.00%
Average IESO Wholesale Market Price	\$	0.1101	303	\$ 33.36	\$	0.1101	303	\$ 33.36	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$ 2,152.13				\$ 2,176.99		24.87	1.16%
HST		13%		\$ 279.78		13%		\$ 283.01		3.23	1.16%
Total Bill on Average IESO Wholesale Market Price				\$ 2,431.90	_			\$ 2,460.00	\$	28.10	1.16%



		Current Ol	B-Approved					Proposed		Im	pact		
		Rate	Volume		Charge		Rate	Volume		Charge			
		(\$)			(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	32.21		\$	32.21	\$	32.60		\$	32.60	\$	0.39	1.21%
Distribution Volumetric Rate	\$	-	750	\$	-	\$	-	750	\$	-	\$	-	
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	0.0008	750	\$	0.60	\$	0.0004	750	\$	0.30	\$	(0.30)	-50.00%
Sub-Total A (excluding pass through)				\$	32.81				\$	32.90	\$	0.09	0.27%
Line Losses on Cost of Power	\$	0.1101	32	\$	3.48	\$	0.1101	32	\$	3.48	\$	-	0.00%
Total Deferral/Variance Account Rate	_ e	0.0016	750	s	(1.20)	-@	0.0013	750	¢	(0.98)	•	0.23	-18.75%
Riders	-\$	0.0010		Ψ	(1.20)	-φ			Ψ	, ,			-10.7376
CBR Class B Rate Riders	\$	-		\$	-	-\$	0.0001	750	\$	(80.0)	\$	(0.08)	
GA Rate Riders	-\$	0.0031	750	\$	(2.33)	-\$	0.0028	750	\$	(2.10)	\$	0.23	-9.68%
Low Voltage Service Charge	\$	0.0002	750	\$	0.15	\$	0.0002	750	\$	0.15	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		0.57		œ	0.57	\$	0.57	4	\$	0.57	\$	_	0.00%
	a a	0.57	'	Ф	0.57	Ф	0.57		φ	0.57	Φ	-	0.00%
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-		\$	-	\$	-	
Additional Volumetric Rate Riders			750	\$	-	\$	-	750	\$	-	\$	-	
Sub-Total B - Distribution (includes				\$	33.48				\$	33.95	s	0.46	1.39%
Sub-Total A)				*					•		*		
RTSR - Network	\$	0.0067	782	\$	5.24	\$	0.0071	782	\$	5.55	\$	0.31	5.97%
RTSR - Connection and/or Line and	s	0.0064	782	\$	5.00	\$	0.0068	782	\$	5.31	s	0.31	6.25%
Transformation Connection	*	0.0004	702	Ψ	0.00	•	0.0000	102	Ψ	0.01	Ψ	0.01	0.2070
Sub-Total C - Delivery (including Sub-				\$	43.72				\$	44.81	\$	1.09	2.49%
Total B)				*					*		*		2.1070
Wholesale Market Service Charge	s	0.0034	782	\$	2.66	\$	0.0034	782	\$	2.66	\$	_	0.00%
(WMSC)	Ť			Ť		Τ.			*		*		
Rural and Remote Rate Protection	s	0.0005	782	\$	0.39	\$	0.0005	782	\$	0.39	\$	_	0.00%
(RRRP)	· ·			*		Υ.			*		*		
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				\$	129.34				\$	130.43		1.09	0.84%
HST	1	13%		\$	16.81	l	13%		\$	16.96	\$	0.14	0.84%
8% Rebate		8%					8%						
Total Bill on Non-RPP Avg. Price				\$	146.16				\$	147.39	\$	1.23	0.84%