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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
	male Hat
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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 4 th 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 <u>Actual GA rate</u>. These classes of customers are billed in our billing

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

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

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

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			
		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.	MFF 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

Page # Reference		Date: November 1, 2019
Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		Eridence Neierence, Notes
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
3	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Manager's Summary, Page 3
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	Tab 3; Filename: Bluewater IRMRateGeneratorModel
•		_20191101
4	Current tariff sheet, PDF	Tab 7
<u>4</u> 4	Supporting documentation (e.g. relevant past decisions, RRWF etc.) Statement as to who will be affected by the application, specific customer groups affected by particular request	Not Applicable Manager's Summary, Page 6
4	Applicant's internet address	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
3.1.3 Applications and Electronic Models, F.g. 3-0		Tab 4; Filename:
5	Populated GA Analysis Workform	Bluewater_GAAnalysisWorkform_20
	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio	190111
5	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	Not Applicable
	must file the Capital Module Applicable to ACM and ICM	Tab 5; Filename:
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM	Bluewater_LRAMVAWorkForm_201
	term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	91101
5 & 6	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-	Not Applicable
Addendum, Page 15	accounts 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		Tab 2
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	distributors that have not completed the rate design transition.	Not Applicable
Residential Rate Design - Exceptions and Mitigation (applicable only to	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,	
9	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
	Description of the method used to derive the 10th consumption percentile. The description should include a discussion regarding	
9	the nature of the data that was used (e.g. was the source data for all residential customers or a representative sample of	Not Applicable
	residential customers). If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th	
9		Not Applicable
	required	
10	Mitigation plan if total bill increases for any customer class exceed 10%	Not Applicable
3.2.4 Electricity Distribution Retail Transmission Service Rates 3.2.5 Review and Disposition of Group 1 DVA Balances, Pg. 10-16	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	
10	Justification if any account balance in excess of the threshold should not be disposed	Not Applicable
**	Oversity to the Oversity Standard In St. Park Oversity Market	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
	Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis	
11	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	Manager's Summary, Page 9
	Adjustments to Deterral and Variance Accounts	Tab 3; Filename:
12	GA rate riders calculated on an energy basis (kWh)	Bluewater_IRMRateGeneratorModel
0		_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	year, if the applicant is proposing an alternative recovery period music provide explanation.	
	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA	Tab 3; Filename:
12	balances related to charges for which the WMP's settle directly with the IESO.	Bluewater_IRMRateGeneratorModel _20191101
3.2.5.2 Global Adjustment		_20191101
	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP	Tab 3; Filename:
13	Class B customers when clearing balances from the GA Variance Account	Bluewater_IRMRateGeneratorModel 20191101
	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are	Tab 2; Tab 4; Filename:
14 & Addendum, Pages 16 - 17		Bluewater_GAAnalysisWorkform_20
a Addendam, 1 ages 10 - 17	in live Excel format and responses to questions in Appendix A of the GA Analysis Workform Instructions; explain discrepancies.	190111; Manager's Summary, Page
14	Unexplained discrepancies calculated separately for each calendar year Description of settlement process with IESO or host distributor, specify GA rate used for each rate class, itemize process for	21
· -	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	Manager's Summary, Pages 12-14,
	in RPP settlement process and subsequent true-up adjustments	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	Manager's Summary, Page 19
15	Description of financial accounting practices related to recording transaction in 1588 and 1589 Disclosure of nature, timing, and dollar impact of subsequent adjustments recorded after recording period that adjust the initial	Tab 4; Filename:
	Description of financial accounting practices related to recording transaction in 1588 and 1589 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	
15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 14 & 15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, propose made to exclude	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename:
15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21
15 14 & 15 15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel 20191101; Manager's Summary, Page 12
15 14 & 15 15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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. 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary,
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel 20191101; Manager's Summary, Page 12
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15 14 & 15 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Pages 4, 20
15 14 & 15 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 Addendum, Pages 12 - 13	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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 preparation, review, verification and oversight of account balances being proposed for disposition or disposition or implementation of new accounting guidance (related to Accounts 1588 and 1589 - Feb 21, 2019), a review of	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Pages 4, 20
15 14 & 15 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Pages 4, 20
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15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 15 Addendum, Pages 12 - 13	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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 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 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel_20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Pages 4, 20 Manager's Summary, Page 11
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 15 Addendum, Pages 12 - 13	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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, CPO or equivalent that distributor has robust processes and internal controls in place for the 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 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 Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance.	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Page 4, 20 Manager's Summary, Page 11 Tab 3; Filename:
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 15 Addendum, Pages 12 - 13	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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 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 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 entired to adjust the balances - 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.	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Page 4, 20 Manager's Summary, Page 11 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _201011101 Manager's Summary
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 Addendum, Pages 12 - 13 3.2.5.4 Capacity Based Recovery (CBR)	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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, CPC or equivalent that distributor has robust processes and internal controls in place for the 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 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 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 sub-account CBR	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Page 4, 20 Manager's Summary, Page 11 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _201011101 Manager's Summary
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 Addendum, Pages 12 - 13 3.2.5.4 Capacity Based Recovery (CBR)	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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 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 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 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	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Page 4, 20 Manager's Summary, Page 11 Tab 3; Filename: Bluewater_IRMRateGeneratorModel _20191101, Manager's Summary,
15 14 & 15 15 3.2.5.3 Commodity Accounts 1588 and 1589 15 15 Addendum, Pages 12 - 13 3.2.5.4 Capacity Based Recovery (CBR)	Description of financial accounting practices related to recording transaction in 1588 and 1589 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 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 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, CPC or equivalent that distributor has robust processes and internal controls in place for the 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 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 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 sub-account CBR	Tab 4; Filename: Bluewater_GAAnalysisWorkform_20 190111; Manager's Summary, Page 21 Tab 3; Filename: Bluewater_IRMRateGeneratorModel_20191101; Manager's Summary, Page 12 Manager's Summary, Page 19 Manager's Summary, Pages 4, 20 Manager's Summary, Pages 4, 20 Manager's Summary, Page 11 Tab 3; Filename: Bluewater_IRMRateGeneratorModel_20191101, Manager's Summary,

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	Not 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 21	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the	Not Applicable
	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 alternative allocation methods	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	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 If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business	Not Applicable
23	case and other relevant material required	Not Applicable
3.3.2 Incremental Capital Module, Pg. 23-29 3.3.2.1 ICM Filing Requirements		
oloizi i iom i ming roquiromonio	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	(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 Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify	Not Applicable
25		Not Applicable
3.3.5 Off-Ramps	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
30 Appendix A	base rates - an explanation to substantiate its reasons for doing so required	Not Applicable
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 <u>not</u> 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

			version	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				
1. Select the last Cost of Service rebasing year	2013				
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 Net	stributor names	in 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)



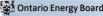
Ontario Energy Board Incentive Rate-setting Mechanism Rate **Generator for 2020 Filers**

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	-	(1,036,962)	9,504		0	(
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,670,769)	(473,907)	C	0	(2,144,676)	(32,788)		0		
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	(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	(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.

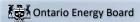
ase contact the UEB to make adjustments to the IKM rate generator for this

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	-1,293	
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)

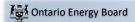
		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP	
Rate Class	% of Total kWh		WMP	1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	26.1%	90.4%	29.6%	30,843	(37,768)	(112,490)	784	42,078	(250,558)	93,924
GENERAL SERVICE 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 1999 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 1586, 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 Class A/B	5,597 B	5,572
				Class A/B j	P .	A

Rate Classes with C	lass A Customers - Billing Determinants by Rate Class		
	Rate Class		2018
Rate Class 1	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	124,566,194
		kW	244,938
Rate Class 2	LARGE USE SERVICE CLASSIFICATION	kWh	175,694,404



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	-\$	491,070
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	-\$	483,341

Allocation of GA Balances to Class A/B Transition Customers

1	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		When They Were a Class B	Mont Equal Paym	ıl Ó
- [Customer 2	2,747,382	2,747,382	100.00%	-\$ 7,729	-\$	644
-	otal	2,747,382	2,747,382	100.00%	-\$ 7,729		

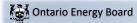


The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the 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 setti	e the amount through 12 equ	ai aujustinents to bilis.									
Year Account 1580 CBR Class B was Last Disposed	2017										
Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers											
		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

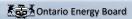
Allocation of CBR Class B Balances to Transition Customers						
# of Class A/B Transition Customers	2					
Customer	Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers			Customer Specific CBR Class B Allocation for the Period When They 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

								Customers (Total Consumption LESS WMP,			Total CBR Class B \$		
		Total Metered		Total Metered 2018 Cons		Total Metered 2018 Consumpti	on for Transition	Class A and Transition Cus			CBR Class B Rate		
		Consumption Min	us WMP	Full Year Class A Cu	stomers	Customers		Consumption)		% of total kWh	Class B Customers	Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	259,047,259	0	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	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	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	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

				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.

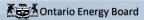


Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H.

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

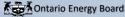
		Re-based Billed			Re-based	Re-based Distribution	Re-based Distribution		Distribution Volumetric Rate	Distribution Volumetric Rate			Distribution Volumetric Rate	Distribution Volumetric Rate	
Rate Class		Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Service Charge	Volumetric Rate kWh	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	/ opendix 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			

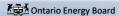


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes 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 0 543,963 543,963 543,963 279,319 279,319 486,459 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



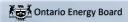
In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation 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 January				Lir	o Connectic	ND.	Transfo	rmation Cor	naction	Tota	Connection
Inc	Units Billed	Network Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
	125.469	\$3.61	\$ 452.943	135.790	\$0.95	\$ 129,001	135.790	\$2.34	\$ 317,749	\$	446,749
February	127,228		\$ 459,293	130,647		\$ 124,115	130,647	\$2.34	\$ 305,714	\$	429.829
March	115.875		\$ 418,309	122.065			122,065	\$2.34			401,594
April	117,459	\$3.61	\$ 424,027	118,674	\$0.95	\$ 115,962 \$ 112,740	118,674	\$2.34	\$ 285,632 \$ 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	\$3.61	\$ 495,003	164,159	\$0.95	\$ 155,951	164,159	\$2.34	\$ 384,132	\$	540,083
July	132,784		\$ 479,350	157,737		\$ 149,850	157,737	\$2.34	\$ 369,105	\$	518,955
August	126,428	\$3.61	\$ 456,405	157,062		\$ 149,209	157,062	\$2.34	\$ 367,525	\$	516,734
September	137,337	\$3.61	\$ 495,787	166,023	\$0.95	\$ 157,722	166,023	\$2.34	\$ 388,494	\$	546,216
October	139,837		\$ 504,812	139,936	\$0.95	\$ 132,939	139,936	\$2.34	\$ 327,450	\$	460,389
November	126,832		\$ 457,864	129,553		\$ 123,075	129,553	\$2.34	\$ 303,154	\$	426,229
December	139,790	\$3.61	\$ 504,642	158,567	\$0.95	\$ 150,639	158,567	\$2.34	\$ 371,047	\$	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	S	5,674,079
Hydro One	, , , , ,	Network		Li	ne Connectio	on	Transfo	rmation Cor	nection	Tota	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	11,665		\$ 37,261	11,665	\$0.7710	\$ 8,994	11,665	\$1.7493	\$ 20,406	\$	29,400
February	12,191	\$3.1942	\$ 38,940	12,191	\$0.7710	\$ 9,399	12,191	\$1.7493	\$ 21,325	\$	30,724
March	11,220		\$ 35,839	11,220		\$ 8,651	11,220	\$1.7493	\$ 19,627	\$	28,278
April	9,768		\$ 31,201	9,768		\$ 7,531	9,768	\$1.7493	\$ 17,087	\$	24,618
May	13,786		\$ 44,036	13,786		\$ 10,629	13,786	\$1.7493	\$ 24,116	\$	34,745
June	13,793		\$ 44,058	13,793		\$ 10,635	13,793	\$1.7493	\$ 24,128	\$	34,763
July	14,701		\$ 46,958	14,701		\$ 11,335	14,701	\$1.7493	\$ 25,717	\$	37,051
August	14,588		\$ 46,598	14,588		\$ 11,248	14,588	\$1.7493	\$ 25,519	\$	36,767
September	15,546		\$ 49,658	15,546		\$ 11,986	15,546	\$1.7493	\$ 27,195	\$	39,181
October	12,087	\$3.1942	\$ 38,608	12,087	\$0.7710	\$ 9,319	12,087	\$1.7493	\$ 21,144	\$ \$	30,463
November	12,530		\$ 40,024	12,530	\$0.7710	\$ 9,661	12,530	\$1.7493	\$ 21,919	\$	31,580
December	12,004	\$3.1942	\$ 38,343	12,004	\$0.7710	\$ 9,255	12,004	\$1.7493	\$ 20,999	\$	30,254
Total	153,880 \$	3.1942	\$ 491,524	153,880	\$ 0.7710	\$ 118,642	153,880	\$ 1.7493	\$ 269,182	\$	387,824
Add Extra Host Here (I)		Network		Liı	ne Connectio	on	Transfo	rmation Cor	nection	Tota	Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
		Kate	Amount	Onts Billed		Amount	Chits Billed	Rate	Amount		Amount
January	\$				\$ -			\$ -		\$	-
February	\$	-			\$ -			\$ -		\$	-
March	\$				\$ -			\$ -		\$	
April	\$	-			\$ -			\$ -		\$	-
May	\$	-			\$ -			\$ -		\$	
June	\$	-			\$ -			\$ -		\$	
July	\$	-			\$ -			\$ -			-
August	\$	-			\$ -			\$ -		\$	-
September	\$	-			\$ -			\$ -		\$	-
October	\$	-			\$ -			\$ -		\$	-
November	\$ \$				\$ - \$ -			\$ -		\$ \$	-
December											
December					Ф -			\$ -			
December Total	- \$		\$ -		\$ -	\$ -	-	\$ - \$ -	\$ -	\$	
		- Network	\$ -	- Lit	\$ -	\$ -	Transfo	\$ -	\$ -	\$	- I Connection
Total		- Network	\$ -	- Lit Units Billed	\$ -	\$ -	Transfo Units Billed	\$ -	\$ -	\$ Tota	- Connection
Total Add Extra Host Here (II) (if needed) Month	- \$ Units Billed		\$ -		\$ - ne Connectio			\$ - rmation Cor		\$ Tota	
Total Add Extra Host Here (II) (if needed) Month January	- \$ Units Billed		\$ -		\$ - ne Connection Rate			\$ - rmation Cor Rate		\$ Tota	
Total Add Extra Host Here (II) (If needed) Month January February	- \$ Units Billed		Amount		S - ne Connection Rate S - S -			\$ - rmation Cor Rate \$ - \$ -		\$ Tota	
Total Add Extra Host Here (II) (If needed) Month January February March	- \$ Units Billed		\$ -		\$ - Rate \$ - \$ - \$ -			\$ - rmation Cor Rate \$ - \$ - \$ -		\$ Tota	
Total Add Extra Host Here (II) (If needed) Month January February March April	- \$ Units Billed		S -		Rate			\$ - rmation Cor Rate \$ - \$ -		\$ Tota	
Total Add Extra Host Here (II) (If needed) Month January February March April May	Units Billed		\$ -		Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			Rate S - S - S - S - S - S -		S S S S S	
Total Add Extra Host Here (II) (If needed) Month January February March April May June	Units Billed		Amount		\$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			\$ - rmation Cor Rate \$ - \$ - \$ -		S S S S S S	
Total Add Extra Host Here (II) (If needed) (If needed) Month January February March April May June July	Units Billed		Amount		\$ - ne Connection Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			Rate S - S - S - S - S - S -		\$	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August	Units Billed		Amount		\$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			Rate S - S - S - S - S - S -		S S S S S S S S S S S S S S S S S S S	
Total Add Extra Host Here (II) (If needed) (If needed) Month January February March April May June July	Units Billed		Amount		\$ - ne Connection Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			\$ - rmation Cor Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		S S S S S S S S S S S S S S S S S S S	
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September	Units Billed		Amount		\$ - ne Connection Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$			\$ - rmation Cor Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		S S S S S S S S S S S S S S S S S S S	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October	Units Billed S S S S S S S S S S S S S S S S S S		Amount		Rate S			\$ - rmation Cor Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February Neeri May June July August September October November December	Units Billed		Amount		Rate \$			S -		\$ Total \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total	Units Billed		Amount	Units Billed	\$ - Rate S - S - S - S - S - S - S - S - S - S	Amount	Units Billed	\$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (If needed) Month January February Neeri May June July August September October November December	Units Billed		Amount	Units Billed	Rate \$	Amount		S -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total	Units Billed		Amount	Units Billed	\$ - Rate S - S - S - S - S - S - S - S - S - S	Amount	Units Billed	\$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount	S S S S S S S S S S S S S S S S S S S	Amount
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 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	\$ -	Units Billed	Rate \$ -	Amount S -	Units Billed Transfo Units Billed	Rate \$	Amount \$ -	S S S S S S S S S S S S S S S S S S S	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total Month January	Units Billed S S S S S S S S S S S S S S S S S S S	Rate	\$ Amount \$ 490,204	Units Billed Units Billed	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	Units Billed Transfo Units Billed 147,455	\$	Amount \$	S S S S S S S S S S S S S S S S S S S	Amount Connection Amount 476,149
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	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233	Units Billed Units Billed 147,455 142,838	Rate \$ - \$ 5 - \$	Amount \$	Units Billed Transfo Units Billed 147,455 142,838	Rate \$	Amount \$	S S S S S S S S S S S S S S S S S S S	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total Month January February March	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 454,148	Units Billed Units Billed 147,455 142,838 133,289	Rate \$	Amount \$ 137,994 \$ 133,514 \$ 124,612	Units Billed Transfo Units Billed 147,455 142,838 133,285	Rate S -	\$ **Nection Amount** \$ 338,155 \$ 327,039 \$ 305,259	Total S S S S S S S S S S S S S S S S S S S	Amount
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	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 454,148 \$ 455,228	Units Billed Units Billed 147,455 142,838 133,285 128,442	Rate S - S - S - S - S - S - S - S - S - S	Amount \$	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	S S S S S S S S S S S S S S S S S S S	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total Month January February March April Month January February March April May	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 454,148 \$ 455,228 \$ 489,131	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217	Rate S - S - S - S - S - S - S - S - S - S	Amount \$ 137,994 \$ 133,514 \$ 124,612 \$ 120,271 \$ 147,839	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442 158,217	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ **Mount** \$ 38,155 \$ 327,039 \$ 305,259 \$ 305,259 \$ 294,784 \$ 362,085	S S S S S S S S S S S S S S S S S S S	Amount
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	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 454,148 \$ 489,131 \$ 539,061	Units Billed Units Billed 147.455 142.838 133.285 128.442 158.217	Rate Rate Rate S - S - S - S - S - S - S - S - S - S	Amount \$	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442 158,217	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$	Total \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (If needed) (If needed) Month January February March April May June July August September October November December Total Month January February March April May June July June July March April May June July	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 400,204 \$ 496,233 \$ 454,148 \$ 455,529 \$ 455,529 \$ 545,135 \$ 539,061	Units Billed Units Billed Units Billed 147,455 142,838 13,285 128,442 158,217 177,952	Rate \$ -	Amount \$ 137,994 \$ 133,514 \$ 133,514 \$ 12,612 \$ 120,271 \$ 147,839 \$ 166,586 \$ 161,185	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442 158,217 177,952	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ *** ** ** ** ** ** ** ** **	S Total	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June October November December Total Total Total Month January February May June July April May June July August	Units Billed S S S S S S S S S S S S S S S S S S S	Rate	Amount \$ 490,204 \$ 498,233 \$ 454,148 \$ 489,131 \$ 520,601 \$ 539,601 \$ 539,601	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,650	Rate Rate Rate S - S - S - S - S - S - S - S - S - S	Amount \$	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,850	\$ - Rate Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ S Amount	\$ Total	Amount
Total Add Extra Host Here (II) (If needed) (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 Total Total	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 400,204 \$ 496,233 \$ 454,436 \$ 495,239 \$ 485,131 \$ 530,661 \$ 526,309 \$ 503,003 \$ 565,454	Units Billed Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569	Rate \$ - \$ - \$ - \$ 5 - \$	Amount \$ 137,994 \$ 133,814 \$ 134,814 \$ 134,814 \$ 134,814 \$ 147,839 \$ 166,596 \$ 161,105 \$ 160,456	Units Billed Transio Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,569	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ Amount \$ 338,155 \$ 327,039 \$ 294,784 \$ 408,260 \$ 394,821 \$ 394,821 \$ 415,689	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July April Total Total Total Month January February March April May June July April Total Total Total Total Total Total Saptember April Month January February March April June July August Saptember October	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 498,233 \$ 454,148 \$ 489,131 \$ 526,309 \$ 530,003 \$ 545,444 \$ 534,644 \$ 543,449	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,559 152,023	Rate \$	Amount \$	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442 171,438 171,650 181,569 152,033	\$	Amount \$ Amount \$ Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
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 Merch April May June July August September October November December Total Total September October January February Merch April May June July August September October November	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 498,233 \$ 454,148 \$ 489,131 \$ 526,309 \$ 530,003 \$ 545,444 \$ 534,644 \$ 543,449	Units Billed Units Billed 147,455 142,838 133,2882 128,442 177,952 177,952 171,650 181,569 152,023 142,038	Rate \$	Amount \$	Transio Units Billed 147,455 142,838 133,285 128,444 177,982 177,982 177,982 174,650 181,569 152,023 142,038	\$	Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July April Total Total Total Month January February March April May June July April Total Total Total Total Total Total Saptember April Month January February March April June July August Saptember October	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Rate	Amount \$ 490,204 \$ 498,233 \$ 455,148 \$ 489,131 \$ 528,09 \$ 593,061 \$ 528,09 \$ 548,444 \$ 563,454	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,952 172,438 171,650 181,559 152,023	Rate \$	Amount \$	Units Billed Transfo Units Billed 147,455 142,838 133,285 128,442 171,438 171,650 181,569 152,033	\$ - Rate Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount \$ Amount \$ Amount \$	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Amount
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 Merch April May June July August September October November December Total Total September October January February Merch April May June July August September October November	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3.5746 3.5738 3.5731 3.5731 3.5732 3.5732 3.5867 3.5867 3.5769 3.5769 3.5769	Amount \$ 490,204 \$ 498,233 \$ 498,233 \$ 454,148 \$ 489,131 \$ 526,309 \$ 530,003 \$ 545,444 \$ 534,644 \$ 543,449	Units Billed Units Billed 147,455 142,838 133,2882 128,442 177,952 177,952 171,650 181,569 152,023 142,038	Rate \$	Amount \$ 137,994 \$ 133,514 \$ 122,78 \$ 161,86 \$ 160,456 \$ 169,79 \$ 142,258 \$ 142,258 \$ 142,258 \$ 142,258 \$ 142,258 \$ 142,258	Transio Units Billed 147,455 142,838 133,285 128,444 177,982 177,982 177,982 174,650 181,569 152,023 142,038	\$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
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 June June Josephore Total Total Total Month January February March April May June June October November December December December	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3.5746 3.5733 3.5763 3.5763 3.5820 3.5820 3.5870 3.5771	Amount \$ 480,204 \$ 4882,33 \$ 454,149 \$ 539,031 \$ 539,031 \$ 530,033 \$ 545,249 \$ 545,3419 \$ 545,3419 \$ 545,3419 \$ 545,3419	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,650 121,650 121,650 122,023 142,083 142,083 142,083	Rate \$	Amount \$	Units Billed Units Billed 147,455 142,838 133,8285 138,827 177,952 177,952 177,952 174,650 181,569 152,023 142,083 170,571	Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ Amount \$ 338,155 \$ 327,039 \$ 260,284 \$ 260,284 \$ 260,284 \$ 3408,280 \$ 349,821 \$ 339,044 \$ 415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 415,689 \$ 348,594 \$ 430,4849	\$ Total	Amount
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 June June Josephore Total Total Total Month January February March April May June June October November December December December	Units Billed \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Network Rate 3.5746 3.5733 3.5763 3.5763 3.5820 3.5820 3.5870 3.5771	Amount \$ 480,204 \$ 4882,33 \$ 454,149 \$ 539,031 \$ 539,031 \$ 530,033 \$ 545,249 \$ 545,3419 \$ 545,3419 \$ 545,3419 \$ 545,3419	Units Billed Units Billed 147,455 142,838 133,285 128,442 158,217 177,650 121,650 121,650 122,023 142,083 142,083 142,083	Rate \$	Amount \$	Transio Units Billed 147.455 142.838 133.285 122.442 153.212 177.650 181.569 152.023 142.083 170.571	\$ - Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount

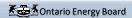
The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

		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	1/17 /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 \$ 2.2742	\$ 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



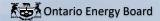
The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 transmission units

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 \$ - 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 \$	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	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0067 0.0063	269,953,149 106.695.319	0	1,808,686 672,181	29.8% 11.1%	1,890,338 702,526	0.0070 0.0066
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	S/kW	2.5158	100,093,319	543.963	1,368,502	22.5%	1.430.283	2.6294
General Service 1.000 To 4.999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6720		279.319	746,340	12.3%	780.034	2.7926
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.9586		486,459	1,439,238	23.7%	1,504,211	3.0922
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0063	2,144,996	Ö	13,513	0.2%	14,124	0.0066
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9069		1,303	2,485	0.0%	2,597	1.9930
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8973		10,173	19,301	0.3%	20,173	1.9830
The purpose of this table is to re-align the current F	TS Connection Rates to recover current wholesale connection costs.								
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0064	269.953.149	0	1.727.700	30.4%	1.817.258	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	106.695.319	Ö	608.163	10.7%	639,688	0.0060
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2673	,,	543,963	1,233,327	21.7%	1,297,259	2.3848
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4855		279,319	694,247	12.2%	730,235	2.6143
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.8423		486,459	1,382,662	24.3%	1,454,335	2.9896
Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kW	0.0057	2,144,996	0	12,226	0.2%	12,860	0.0060
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7895 1.7530		1,303 10.173	2,332 17,833	0.0%	2,453 18.758	1.8823 1.8439
* *		Q/KVV	1.7550		10,173	17,000	0.370	10,730	1.0400
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	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	269.953.149	0	1.890.338	29.8%	1.919.127	0.0071
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	106,695,319	0	702,526	11.1%	713,225	0.0067
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6294		543,963	1,430,283	22.5%	1,452,065	2.6694
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7926		279,319	780.034	12.3%	791.913	2.8352
Large Use Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered								
	Date I Transmission Date Natural Continue Date	\$/kW	3.0922	0.444.000	486,459	1,504,211	23.7%	1,527,120	3.1393
Sentinal Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	2,144,996	0	14,124	23.7% 0.2%	1,527,120 14,339	0.0067
Sentinel Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate			2,144,996			23.7%	1,527,120	
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW	0.0066 1.9930 1.9830	2,144,996	0 1,303	14,124 2,597	23.7% 0.2% 0.0%	1,527,120 14,339 2,636 20,480	0.0067 2.0233 2.0132
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW	0.0066 1.9930	2,144,996 Loss Adjusted Billed kWh	0 1,303	14,124 2,597	23.7% 0.2% 0.0%	1,527,120 14,339 2,636	0.0067 2.0233
Street Lighting Service Classification The purpose of this table is to update the re-aligned	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate I RTS Connection Rates to recover future wholesale connection costs.	\$/kWh \$/kW \$/kW	0.0066 1.9930 1.9830 Adjusted RTSR-	Loss Adjusted	0 1,303 10,173	14,124 2,597 20,173 Billed	23.7% 0.2% 0.0% 0.3%	1,527,120 14,339 2,636 20,480 Forecast Wholesale	0.0067 2.0233 2.0132 Proposed RTSR-
Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate I RTS Connection Rates to recover future wholesale connection costs. Rate Description	\$/kWh \$/kW \$/kW Unit	0.0066 1.9930 1.9830 Adjusted RTSR- Connection	Loss Adjusted Billed kWh	0 1,303 10,173 Billed kW	14,124 2,597 20,173 Billed Amount	23.7% 0.2% 0.0% 0.3% Billed Amount %	1,527,120 14,339 2,636 20,480 Forecast Wholesale Billing	0.0067 2.0233 2.0132 Proposed RTSR- Connection
Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kW S/kW Unit	0.0066 1.9930 1.9830 Adjusted RTSR- Connection 0.0067 0.0060 2.3848	Loss Adjusted Billed kWh	0 1,303 10,173 Billed kW	14,124 2,597 20,173 Billed Amount	23.7% 0.2% 0.0% 0.3% Billed Amount %	1,527,120 14,339 2,636 20,480 Forecast Wholesale Billing 1,839,984	0.0067 2.0233 2.0132 Proposed RTSR- Connection 0.0068 0.0061 2.4147
Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class 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	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate I RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kW S/kW Unit S/kWh S/kWh S/kW S/kW	0.0066 1.9930 1.9830 Adjusted RTSR- Connection 0.0067 0.0060 2.3848 2.6143	Loss Adjusted Billed kWh	0 1,303 10,173 Billed kW	14,124 2,597 20,173 Billed Amount 1,817,258 639,688 1,297,259 730,235	23.7% 0.2% 0.0% 0.3% Billed Amount % 30.4% 10.7% 21.7% 12.2%	1,527,120 14,339 2,636 20,480 Forecast Wholesale Billing 1,839,984 647,688 1,313,482 739,367	0.0067 2.0233 2.0132 Proposed RTSR- Connection 0.0068 0.0061 2.4147 2.6470
Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 998 kW Service Classification General Service 10,000 To 4,999 kW Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Line and Transformation Connection Service Rate - Interval Metered	S/kWh S/kW S/kW Unit S/kWh S/kWh S/kW S/kW	0.0066 1.9930 1.9830 Adjusted RTSR- Connection 0.0067 0.0060 2.3848 2.6143 2.9896	Loss Adjusted Billed kWh 269,953,149 106,695,319	0 1,303 10,173 Billed kW 0 0 543,963 279,319 486,459	14,124 2,597 20,173 Billed Amount 1,817,258 639,688 1,297,259 730,235 1,454,335	23.7% 0.2% 0.0% 0.3% Billed Amount % 30.4% 10.7% 21.7% 12.2% 24.3%	1,527,120 14,339 2,636 20,480 Forecast Wholesale Billing 1,839,984 647,688 1,313,482 739,367 1,472,523	0.0067 2.0233 2.0132 Proposed RTSR- Connection 0.0068 0.0061 2.4147 2.6470 3.0270
Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class Residential Service Classification General Service Less Than 50 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 Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate I RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate 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 - Interval Metered 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 - Interval Metered 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 - Interval Metered 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 - Interval Metered 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 - Interval Metered Retail Transmission Rate - Line Retail Transmission Rate - Line Retail Transm	S/kWh S/kW S/kW Unit S/kWh S/kW S/kW S/kW S/kW	0.0066 1.9930 1.9830 Adjusted RTSR- Connection 0.0067 0.0060 2.3848 2.6143 2.9896 0.0060	Loss Adjusted Billed kWh	0 1,303 10,173 Billed kW	14,124 2,597 20,173 Billed Amount 1,817,258 639,688 1,297,259 730,235 1,454,335 12,860	23.7% 0.2% 0.0% 0.3% Billed Amount % 30.4% 10.7% 21.7% 12.2% 24.3% 0.2%	1,527,120 14,339 2,636 20,480 Forecast Wholesale Billing 1,839,984 647,688 1,313,482 739,367 1,472,523 13,021	0.0067 2.0233 2.0132 Proposed RTSR- Connection 0.0068 0.0061 2.4147 2.6470 3.0270 0.0061
Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 998 kW Service Classification General Service 10,000 To 4,999 kW Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate RTS Connection Rates to recover future wholesale connection costs. Rate Description Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Line and Transformation Connection Service Rate - Interval Metered	S/kWh S/kW S/kW Unit S/kWh S/kWh S/kW S/kW	0.0066 1.9930 1.9830 Adjusted RTSR- Connection 0.0067 0.0060 2.3848 2.6143 2.9896	Loss Adjusted Billed kWh 269,953,149 106,695,319	0 1,303 10,173 Billed kW 0 0 543,963 279,319 486,459	14,124 2,597 20,173 Billed Amount 1,817,258 639,688 1,297,259 730,235 1,454,335	23.7% 0.2% 0.0% 0.3% Billed Amount % 30.4% 10.7% 21.7% 12.2% 24.3%	1,527,120 14,339 2,636 20,480 Forecast Wholesale Billing 1,839,984 647,688 1,313,482 739,367 1,472,523	0.0067 2.0233 2.0132 Proposed RTSR- Connection 0.0068 0.0061 2.4147 2.6470 3.0270

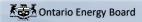


If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2018 values and will be updated by OEB staff at a later date.

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):	\$ 36.86

Miscellaneous Service Charges

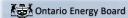
Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	43.63	1.50%	44.28

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

養養 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	1005
	RPP	A	382,526,578	kWh	43.75
	Non RPP	B = D+E	492,957,194	kWh	56.35
	Non-RPP Class A	D	308.027.905	kWh	35.29

Please confirm that the above RRR data is accurate Confirmed

Note 3 GA Billing Rate
GA is billed on the

1st Estimate Please note that the GS 1000-4999 kW, and Stre Yes

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

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)		Expected GA Variance (\$)
	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	\$ (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	\$ 126,533	\$ 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	\$ 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		\$ (124,822)
August	17,495,101	141,974	279,442	421,416			17,073,685	0.07790		0.07490		\$ 1,361,604	0.07490		\$ (51,221)
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	\$ 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		0.09855			0.09855		\$ (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	\$ (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 Reco	nciling Items
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Item	Amount	Explanation		Principal Adjustment	
et Change in Principal Balance in the GL (i.e. Transactions in			Principal Adjustment on DVA	If "no", please provide an	\$ Principal Adjustment on D
the Year)	\$ (461,783)		Continuity Schedule	explanation	Continuity Sched
True-up of GA Charges based on Actual Non-RPP					
1a Volumes - prior year True-up of GA Charges based on Actual Non-RPP					
1 rue-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					
Sa actual from long term load 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	-S 44.595	LTLT expense adjustment, charged by Hydro One	No	the prior period.	
				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	\$ 22,696	LTLT revenue adjustment, billed by Bluewater Power	No	the prior period.	
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					
O ILOO III O ILOO				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					
				This is a theoretical	
				value to reflect what	
				unbilled would have	
				been but should not	
				be reflected in the	
9	\$ 441,991	what 2018 unbilled revenue difference would have been using new query results.	No	DVA schedule.	
10			Adiustments on DVA C		

10	DI .		
Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	s	(165,632)
	Analysis	s	(262,519)
	Unresolved Difference Unresolved Difference as % of Expected GA Payments	\$	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)

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



LRAMVA Work Form: Checklist and Schematic

Version 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 a	y, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make	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 alloc	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

C. Documentation of Changes

Amount for Final Disposition

Original Amount

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

LDC Name Bluewater Power Distribution Corporation

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

revious LRAMVA Application (EB#)	EB-2018-0019	
pplication of Previous LRAMVA Claim	2019 IRM Application	
eriod of LRAMVA Claimed in Previous Application	2016-2017	
mount of LRAMVA Claimed in Previous Application	\$ 420,015.8	37

B. Current LRAMVA Application

Current LRAMVA Application (EB#)
Application of Current LRAMVA Claim
Period of New LRAMVA in this Application
Period of Rate Recovery (# years)

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

EB-2019-0021

2020 IRM Application

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
Seneral 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, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank. LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

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	
27										4					
	\$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
	(\$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)
	\$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
	\$93,924	\$51,463	\$214,029	\$3,137	-\$85	-\$907	-\$1,293	-\$640	\$0	\$0	\$0	\$0	\$0	\$0	\$359,628
		Claimed Kestschitell KWh \$122,041.96 (\$31,636.81) \$3,517.36	Claimed Kesticianida) GS-GU KW KWh KWh \$122,041.96 \$81.249.13 (\$31,835.81) (\$31,73.76) \$3,517.36 \$1,927.24	Claimed	Ctalmed Residential GS-00 kW General Scirvice Sci 1999 kW 4,999 kW kWh kWh kW kW S122,041.96 \$81,249.13 \$210,980.14 \$4,112.10 \$31,535.81) \$31,737.76 \$4,966.45 \$61,002.16) \$3,517.36 \$1,927.24 \$8,015.22 \$117.49	Claimed Kesterinia GS-50-WV Centeral Service 90-999-WV 4,999-WV Serinian Cigning KWh KWh KW KW KW \$122.041.96 \$81.249.13 \$210,980.14 \$4,112.10 \$0.00 (\$31.535.81) (\$31,713.76) (\$4.66.45) (\$1.922.16) (\$61.39) \$3,517.36 \$1,927.24 \$8,015.22 \$117.49 (\$3.17)	Claimed Residential Sciol KW General Service 30 - 399 KW 4,993 kW Seriories Lighting Suest Lighting Suest Lighting Sciol KW	Claimed Nestigning Scattered Load KWh	Claimed Kestoemia GS-50-WV General Service 90 999 xW 4,999 kW Seminer Lighting Scient Cigrony Scattered Load Lings One KWh kWh kW kW kW kW kW kWh kWh kW \$122,041.96 \$31,243.3 \$210,890.14 \$4,112.10 \$0.00 \$0.00 \$0.00 \$799.82 (\$31,635.81) (\$31,713.78) (\$4,866.45) (\$1,922.16) (\$61.39) (\$673.08) (\$1,244.93) (\$1,415.63) \$3,517.36 \$1,927.24 \$8,015.22 \$117.49 (\$3.17) (\$33.97) (\$48.44) (\$23.96)	Claimed Kesterial GS-50-WY Center al Service 90 3990 W 4,099 kW Sentimen Lighting Scattered Load Carge 000 KWh KWh KW KW KW KW KW KW KW 0 \$122.041.96 \$81.248.13 \$210,980.14 \$4,112.10 \$0.00 \$0.00 \$0.00 \$799.82 \$0.00 \$31.535.81) \$(\$31,713.76) \$(\$4.968.46) \$(\$1,002.16) \$(\$81.99) \$(\$973.08) \$(\$1,244.93) \$(\$1,415.63) \$0.00 \$3,517.36 \$1,927.24 \$8,015.22 \$117.49 \$(\$3.17) \$(\$33.97) \$(\$48.44) \$(\$23.96) \$0.00	Claimed Newtonian Secretive 50 -599 kW A,999 kW Seminar Lighting Scattered Load Large Use KWh KWh KW KW KW KW KW NW 0 0 \$122,041.96 \$81,242.13 \$210,980.14 \$4,112.10 \$0.00 \$0.00 \$0.00 \$799.9.2 \$0.00 \$0.00 \$(\$31,635.81) \$(\$31,717.76) \$(\$4,964.45) \$(\$1,022.16) \$(\$31.39) \$(\$873.08) \$(\$1,244.33) \$(\$1,115.53) \$0.00 \$0.00 \$0.00 \$3,517.36 \$1,927.24 \$8,015.22 \$117.49 \$(\$3.17) \$(\$33.97) \$(\$48.44) \$(\$23.96) \$0.00 \$0.00	Claimed	Claimed	Claimed Nestigning Sentence 50 399 kW Sentence Lighting Sentence Lighting Scattered Load Light Use KWh	Claimed Kestorinia GS-04VV Centeral Service 90-399 kW Sentine Lighting Seath Engine Scattered Load KWh KWh KW KW KW KW KW WW 0 0 0 0 0 0 0 0 0 0 0

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



LRAMVA Work Form: 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.

-	\$ 0.01 \$ 0.01 \$ 0.01 \$ 0.01 \$ 3.53	89 \$ 0.	.0188 .0188 .0188 .0166 .0166	\$ 0.0211 \$ 0.0203 \$ 0.0186	\$ 0.021 \$ 0.018 \$ 0.018	4 \$ 3 \$ 39 \$	0.0217 0.0216	\$ 0.0166 \$ 0.0183	\$ 0.0113 \$ 0.0131	\$ 0.0058 \$ 0.0076		2020 12 \$ - \$ -	2021
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3. Distribution Rates Page 1

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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	\$0.0
2012									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
2013									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
2014									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
2015									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
2016									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
2017									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
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	\$0.0

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	kWh	kW	kWh	kW	kWh	kW	kWh	kW	kwh	kw
1	678.8	0.7	678.8	0.7						
2	8,550.0	3.4	8,550.0	3.4						
3	14,838.6	3.2	14,838.6	3.2						
4	31,788.9	1.9	31,788.9	1.9						
5	14,700.8	3.2	14,700.8	3.2						
6	291,831.0	45.8			291,831.0	45.8				
7	545.0	0.9	545.0	0.9						
8	18,460.0	2.3			18,460.0	2.3				
9	14,940.7	2.8	14,940.7	2.8						
10	49,960.8	6.3					49,960.8	6.3		
11	46,408.5	9.6					46,408.5	9.6		
12	2,630.9	0.6	2,630.9	0.6						
13	372,649.7	75.9			372,649.7	75.9				
14	64,386.0	0.0			64,386.0	0.0				
15	2,572.6	0.6	2,572.6	0.6						
16	352,590.0	0.0			352,590.0	0.0				
17	964.6	1.4			964.6	1.4				
18	11,420.5	2.0	11,420.5	2.0						
19	4,073.0	0.9	4,073.0	0.9						
20	3,177.2	0.7	3,177.2	0.7						
21	168,411.0	38.8	5,2.7.2	0.,	168,411.0	38.8				
22	163,233.0	0.0			163,233.0	0.0				
23	2,293.3	0.5	2,293.3	0.5		3.0				
24	79,941.2	11.7	2,233.3	0.5	79,941.2	11.7				
25	32,176.4	9.3	32,176.4	9.3	75,541.2	11.7				
26	19,894.7	3.3	19,894.7	3.3						
27	524.5	0.6	15,054.7	3.3	524.5	0.6				
28	3,583.3	0.8	3,583.3	0.8	524.5	0.0				
29	4,872.0	0.0	4,872.0	0.0						
30	15,610.0	4.7	15,610.0	4.7						
31	3,280.0	4.4	15,010.0	4.7	3,280.0	4.4				
32	4,184.4	1.0	4,184.4	1.0	3,200.0	4,4				
33	72,693.2	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	245,687.1	53.5	0,720.0	0.0	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	75,504.2	11.1				
39	80,178.4	21.0	10,417.4	2.3	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				
41	364,290.0	0.0			27,037.0	1.3	364,290.0	0.0	l	
42	9,238.4	1.0	9,238.4	1.0			304,290.0	0.0	 	
43	9,238.4 5,160.0	1.0	5,160.0	1.1					 	
45	89,667.0	29.3	3,100.0	1.1	89,667.0	29.3			l	
45	5,003.8	0.7			5,003.8	29.3			 	
46	14,354.2	2.9	14,354.2	2.9	3,003.8	U.7				
47	5,040.0	0.0	5,040.0	0.0	1					
48	47,175.8	2.9	3,040.0	0.0	47 175 0	2.9				
50	593.370.2	125.5			47,175.8 593.370.2	125.5				
50	4,323.0	125.5	2,571.0	0.0	1,752.0	125.5				
52	14,099.4	3.1		3.1	1,/52.0	0.0				
			14,099.5	3.1	F10.017.4	4.0			631.003.3	
53	1,141,899.3	4.6			519,917.1	4.6			621,982.2	0.0
54 55	17,856.9	4.0			17,856.9 266,808.1	4.0				
	266,808.1	46.6	2.004.0	0.4	200,808.1	46.6				
56	2,901.9	0.4	2,901.9	0.4						
57	14,422.8	0.0	14,422.8	0.0						
58	17,607.9	3.8	17,607.9	3.8						
59	12,314.7	2.7	12,314.7	2.7						
60	1,260,241.4	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	0.0

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

User Inputs (Green) Auto Populated Cells (White)

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 presistence data in examilate upon requirements from the ECD. Please about the manually link disc savings and associated as an available upon requirements. The contract of the COMPAT is a contract of the COMPAT and a contract of the COMPAT and

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 program savings table. In order for pensisting savings to be claimed in future years, post year's initiative level savings results need to be filled on in the stables below. If the LESO adjustments were made available to the LDC after the LDCAMIAN assurance, the pensistence of the savings adjustments in the future can be cleared as approved LDMAN assurances are considered to be final.

3. The work forms below include the monthly multiplies for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the CEBs updated LRAM policy related to peak demand savings in EB-2016-010. Element Response (IXS) savings should generally not be included with the LMAM related to the support of the programs and the production of t

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 LRAMY totals for the year) if future year's pensistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which pensistence is captured in the load forecast calculation in the "Notes" section below each table.

Table 4-a. 2011 Lost Revenues Work Form		Net Energy										Net Den	pand	_																						_
	Results	Savings (kWh)			Net	Energy Sa	avings Pers	istence (kW	h)		Month	Savings	(kW)			Net Peak De	mand Sav	ings Persist	ence (kW)									Rate Allo	cations for LRA	MVA			1			
Program	Status	2011	2012	2013	2014	2015	5 2016	2017	2018	2019 202	Multipli	jer 201		2012 20	013 2	014 20	15 20	16 2017	2018	2019 201		0000			000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							т
Consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up	288,762	288,76	2 288,762	2 287,550	0 200,47	73 0	0	0	0 0		41		41 4	41	40 2	3 1	0	0	0 0	100.00 100.00	196		kW 1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
ppliance Exchange djustment to 2011 savings	Verified True-up	3,826	3,826	3,826	1,957	0	0	0	0	0 0		3		3	3	1 (0	0	0 0	100.00	96 96 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
VAC Incentives djustment to 2011 savings	Verified True-up	748,429 -86,283	748,42 -86,28	9 748,429 3 +86,283	748,429 8 -86,283	9 748,42 3 -86,28	29 748,42 83 -86,28	9 748,429 3 -86,283	748,429 -86,283	748,429 748,4 -86,283 -86,2	29 83	405 -46		405 4 -46 ·	46	405 40 46 -4	5 44 6 4	05 405 6 -46	405 -46	405 40 -46 4	5 100.00 5 100.00		6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
onservation Instant Coupon Booklet djustment to 2011 savings	Verified True-up	121,767 1,781	1,781	1,781	1,781	1,78	1 1,627	998	997		3	7 0		7	7	7 7		6	5	6 4 0 0	100.00		6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
-Annual Retailer Event djustment to 2011 savings	Verified True-up	189,856 14,106	189,85 14,10	6 189,856 5 14,106	189,856 14,106	5 173,5° i 14,10	14 155,66 06 12,81	2 117,359 3 6,920	116,931 6,919	151,125 48,4 6,919 1,52	95 96	11		11 1	11	11 1 1 1)	8 8	7		100.00		6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
etailer Co-op djustment to 2011 savings	Verified True-up																				0.009	6 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
esidential Demand Response djustment to 2011 savings	Verified True-up		-																		0.009	6 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
esidential Demand Response (IHD) djustment to 2011 savings	Verified True-up		1																		0.009	6 0.00	6 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
tesidential New Construction djustment to 2011 savings	Verified True-up		1		-																0.009	6 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Business Program Retrofit Adjustment to 2011 savings	Verified True-up	325,703 118,887	325,70 118,88	3 325,703 7 118,887	3 325,703 7 118,636	3 325,70 5 118,63	03 325,70 36 118,63	3 325,703 6 109,579	325,703 727	210,011 210,0 727 727	111 12 1 12	57 14		57 E		57 5 14 1				31 3 0 0		11.00 6 11.00		9.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
firect Install Lighting djustment to 2011 savings	Verified True-up	238,084 25,700	237,60 25,70	1 237,601 25,700	205,599	9 205,00	05 204,88 37 23,57	8 30,465 1 3,336	30,465 3,336	30,465 30,4 3,336 3,33	55 12 6 12	92 11		91 9 11	91 11	80 8 10 1	9 8	0 11	11	11 1	0.009	100.0i	% O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
uilding Commissioning djustment to 2011 savings	Verified True-up		-								3										0.009	6 0.00	i 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ew Construction djustment to 2011 savings	Verified True-up										12 12										0.009	6 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nergy Audit djustment to 2011 savings	Verified True-up										12 12										0.009	6 0.00	i 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nall Commercial Demand Response djustment to 2011 savings	Verified True-up																				0.009	6 0.00	i 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
nall Commercial Demand Response (IHD) gustment to 2011 savings	Verified True-up																				0.009	6 0.00	6 Q.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
emand Response 3 sjustment to 2011 savings	Verified True-up	15,695	0	0	0	0	0	0	0	0 0		402	2								0.009	6 0.00	100	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
dustrial Program	Verified										12																									
djustment to 2011 savings onitoring & Targeting	True-up Verified										12										0.009			1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
djustment to 2011 sävings nergy Manager djustment to 2011 sävings	True-up Verified True-up										12										0.009			1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
tetrofit djustment to 2011 savings	Verified True-up	156,003	156,00	3 156,003	3 156,003	3 156,00	03 156,00	3 156,003	156,003	156,003 156,0	03 12	23		23 2	23	23 2	3 2	3 23	23	23 2			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%	
lemand Response 3 djustment to 2011 savings	Verified True-up	98,938	0	0	0	0	0	0	0	0 0		1,68	.6	0	0	0 0		0 0	0	0 0			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%	
ome Assistance Program ome Assistance Program	Verified								······											······																
djustment to 2011 savings boriginal Program	True-up																				0.009	6 0.00	6 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ome Assistance Program djustment to 2011 savings	Verified True-up		1																		0.009	6 0.00	i 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
irect Install Lighting djustment to 2011 savings	Verified True-up		-								0										0.009	6 0.00	6 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
e-2011 Programs completed in 2011 ectricity Retrofit Incentive Program fjustment to 2011 savings	Verified True-up	3,122,745	3,122,7	45 3,122,74	3,122,74	5 3,122,7	745 #####	0000000	******		12	432		432 4	132	132 43	2 4	12 432	432	432 43	0.009	6 0.00		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
gh Performance New Construction justment to 2011 savings	Verified True-up	3,379	3,379	3,379	3,379	3,371	9 3,379	3,379	3,379	3,379 3,37	9 12	1		1	1	1 1		1	1	1 1	0.009	6 0.00		0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
onto Comprehensive justment to 2011 savings	Verified True-up										0										0.009	6 0.00	i 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ultifamily Energy Efficiency Rebates ijustment to 2011 savings	Verified True-up		1		1	1					0										0.009	6 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
C Custom Programs justment to 2011 savings	Verified True-up		1		1						0										0.009	6 0.00	i 0.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
her ogram Enabled Savings ijustment to 2011 savings	Verified True-up										0										0.009	6 0.00	6 O.	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
me of Use Savings	Verified										0																									

4. 2011-2014 LRAM

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%	
	Verified					12																		0%
Adjustment to 2011 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%	
Actual CDM Savings in 2011		5,387,378					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								 		 0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011										\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2011 from 2011 programs										\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Forecast Lost Revenues in 2011 LRAMVA in 2011										\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
LIGHTY III 2011																								40.00
2011 Savings Persisting in 2012										1,282,244	312,206	6,235	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013										1,282,244	312,206	6,235	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014										1,279,163	278,164	6,234	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015										1,163,988	277,569	6,234	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016										933,515	277,336	6,234	0	0	0	0	0	0	0	0	0	0		
2011 Savings Persisting in 2017 2011 Savings Persisting in 2018										866,487	81,682 69,708	6,222 6.088	0	0	0	0		0	0	0	0	0		
										865,549			0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2019										920,248 750.037	56,982 56,982	5,801	0	0	0	0	0	0	0	0	0	0		
2011 Savings Persisting in 2020																								

See	011 Savings Persisting in 2016 011 Savings Persisting in 2016 011 Savings Persisting in 2017 011 Savings Persisting in 2018 011 Savings Persisting in 2019		8	933,515 966,487 965,549 920,248	277,336 81,682 69,708 56,982	6,234 6,222 6,088 5,801	0	0	0	0	0	0	0	0	0	0	0	
	011 Savings Persisting in 2020	ided above	7	50,037	56,982	5,801	ŏ	ő	ő	ō	ő	ő	ő	ő	ő	ō	ő	_
See	able 4-b. 2012 Lost Revenues Work Form	n	defect to boo															
Part		Results	Savings (kWh)							Rate Alloc	ations for LRAI	MVA						
The section of the se	Program	Status	2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 Multiplier 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 Res	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							Tot
The section of the se	onsumer Program pliance Retirement	Verified	160,470 160,470	kWh 00.00%	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	100
Set the set of the set					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	justment to 2012 savings			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%	
The second content of the content	justment to 2012 savings	True-up	2,021 2,021 2,021 2,021 2,021 2,021 2,021 2,021 2,021 2,021 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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%	
Set 1965 1965 1965 1965 1965 1965 1965 1965	justment to 2012 savings		10	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%	
Set 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	justment to 2012 savings	Verified True-up	173,021 173,021 173,021 175,535 126,472 86,267 86,088 85,088 43,726 10 10 10 10 9 7 6 6 6 4 10	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%	10
The section of the se	stailer Co-op fijustment to 2012 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
The series of th	esidential Demand Response fjustment to 2012 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
The series of th	esidential Demand Response (IHD) diustment to 2012 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
See	esidential New Construction	Verified		00.00%														10
The standing with a proper plane with a proper				00.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Series Se				0.00%	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%	
The section of the se	justment to 2012 savings		886,133 885,833 885,737 692,098 692,098 149,461 140,461 136,748 136,748 136,748 12 246 246 197 197 40 40 37 37 37 24,296 24,296 24,296 17,378 17,378 2,816 2,816 2,816 2,816 2,816 12 7 7 7 7 5 5 1 1 1 1 1 1 (0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The second content of the content of	ilding Commissioning justment 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%	(
Control of Part Part Part Part Part Part Part Part	w Construction justment 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%	
Control property Control pro	ergy Audit justment 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%	(
Marie Mari	uall 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%	(
Part																		
STATE				0.00%	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 stand of the least of the l		Verified True-up	2211	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%	10
The stand of the least of the l	ustrial Program cess & System Upgrades	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%	
The series of the content of the con	nitoring & Targeting	Verified	12							0.00%								
The proper work of the proper wo			12															10
The Market of th			12				100.00%											0
March Control Parison Marc				0.00%	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 second proper will be second proper will	justment to 2012 savings	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%	-
**************************************	ome Assistance Program ome Assistance Program (justment to 2012 savings	Verified True-up	28,761 28,761 28,761 28,761 28,761 28,761 28,761 28,761 28,761 12,923 12,923 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	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%	10
**************************************	boriginal Program	Verified																0
Part				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
\$\$\text{\$\		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
\$\$\text{\$\	e-2011 Programs completed in 2011 ectricity Retrofit Incentive Program justment to 2012 savings	Verified True-up	12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
Transfer Comprehensive Winds 0	gh Performance New Construction		825,446 825,44	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%	10
Manual Property Manual Pro	ronto Comprehensive			0.00%														0
Value	ultifamily Energy Efficiency Rebates																	01
Vertical Part Par	OC Custom Programs	Verified							0.00%									01
Treat Use Coloring World (all property of the Coloring World (all property of the Coloring Savings 1972)	justment 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%	
Chies		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%	01
Chies	ne of Use Savings justment to 2012 savings	Verified True-up	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
Table CDM Savings in 2012 4.289,791 1 18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	of Diam	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%	01
## 150,000 \$ 50,000 \$	tual CDM Savings in 2012					5,811		0	0	0	0	0	0	0	0	0	0	
#Revenue in 2012 from 2012			***	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		\$0.00000	\$0.00000	
772.294 1,102.245 5,700 118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0 \$0
			·	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
731.05 897.77 118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	012 Savings Persisting in 2013 012 Savings Persisting in 2014		7	T32 862	1,102,594	5.787	118 118	0	0	0	0	0	0	0	0	0	0	
	012 Savings Persisting in 2015 012 Savings Persisting in 2016 012 Savings Persisting in 2017		7. 6	731,026 544,179 520,065	899,774 899,774 319,664 319,036	5,717 5,717 5,301	118 118 118	0	0	0	0	0	0	0	0	0	0	

4. 2011-2014 (BMM

2012 Saving: 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	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions include	ded above																																			
Table 4-c. 2013 Lost Revenues Work Form		Retur	d Energy					_					Net Demand						sistence (kW										cations for LRA							
Program	Results Status	Sa	et Energy ings (kWh) 2013	2014	2015	2016	ergy Sav 2017	ings Persiste			1021 2022 M	Monthly fultiplier	Savings (kW)	2014	2015	Net Pea 2016			sistence (kW		2022	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	MVA						Total
Consumer Program Appliance Retirement Adjustment to 2013 savings	Verified True-up		98,116	98,116	98,116	97,501	59,482	0	0	0	0 0		16	16	16	16	9	0	0 0	0	0	1440	kWh 0.00%	kW 0.00%	kW 0.00%	0.00%	kW 0.00%	kWh 0.00%	kW 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Appliance Exchange Adjustment to 2013 savings	Verified True-up		29,555	29,555	29,555	29,555	0	0	0	0	0 0		17								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%	100%
3 HVAC Incentives Adjustment to 2013 savings	Verified True-up		280,188 13,357	280,188 13,357	280,188 13,357	280,188 13,357	280,188 13,357	280,188 13,357	280,188 13,357	280,188 28 13,357 1	10,188 280,188 3,357 13,357		170 8	170	170 8	170 8			170 17 8 8		170 8	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2013 savings	Verified True-up		152	152	145	125	125	125	125	125	9,470 29,470 105 105		3 0	3	3 0	3 0	3	3	3 3	2 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%	100%
5 Bi-Annual Retailer Event Adjustment to 2013 savings	Verified True-up		110,989	110,989	104,302	81,480	81,480	81,480	81,480	81,384 6	8,439 68,439		8	8	7	6	6	6	6 6	5	5	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Retailer Co-op Adjustment to 2013 savings Residential 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%	0%
Adjustment to 2013 savings	Verified 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 2013 savings Residential New Construction	Verified 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%	100%
Adjustment to 2013 savings Business Program Retrofit Adjustment to 2013 savings	True-up Verified	home						3 #######			1,700 4,700 ##### 957,236	42	2	2	2	2		2		2		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	True-up Verified		283,776	281,889	281,889	281,889	276,577	276,577	276,577	275,051 27	4,207 274,207 7,009 147,009	12	244 46	234 46	223 46	223 46			200 20 44 44 41 41		190 44	0.00%	6.00%	81.00%	6.00%	0.00%	0.00%	0.00%	7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2013 savings 12 Building Commissioning	True-up Verified True-up											12										0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings 3 New Construction Adjustment to 2013 savings	True-up Verified True-up		16,375	16 375	16 375	16 375	16.375	16 375	16.375	16 375 1	5,375 16,375	12		4		4	4	4	4 4	4		0.00%	0.00%	0.00% 100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4 Energy Audit Adjustment to 2013 savings	Verified True-up				242,415		0	0	0		0 0	12	44	44	44	44	0	0	0 0	0	0	0.00%	0.00%	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%	100%
15 Small Commercial Demand Response Adjustment to 2013 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) Adjustment to 2013 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2013 savings	Verified True-up		3,056	0	0	0	0	0	0	0	0 0		195	0	0	0	0	0	0 0	0	0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Industrial Program 8 Process & System Upgrades	Verified True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings Monitoring & Targeting Adjustment to 2013 savings	Verified True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Manager Adjustment to 2013 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Retrofit Adjustment to 2013 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2013 savings	Verified True-up		41,853	0	0	0	0	0	0	0	0 0		1,795	0	0	0	0	0	0 0	0	0	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Home Assistance Program Home Assistance Program Adjustment to 2013 savings	Verified True-up		295,752 2,022	291,581 2,022	291,202 2,022	265,101 1,959	252,586 1,928	241,052 1,896	236,001 1,896	234,304 10 1,896	6,397 103,170 901 901		28 0	27	27 0	26 0	26 0	25 0	25 25 0 0	18	15	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program Home Assistance Program Adjustment to 2013 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2013 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program Adjustment to 2013 savings	Verified True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
High Performance New Construction Adjustment to 2013 savings	Verified True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Comprehensive Adjustment to 2013 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Multifamily Energy Efficiency Rebates Adjustment to 2013 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2013 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other Program Enabled Savings Adjustment to 2013 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Time of Use Savings Adjustment to 2013 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
LDC Plots Adjustment to 2013 savings Actual CDM Savings in 2013	Verified True-up		,088,026									0	2,713									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Distribution Rate in 2013 Distribution Rate in 2013 Distribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013 Forecast Lost Revenues in 2013 LRAMVA in 2013										THE PERSON NAMED IN COLUMN NAM			2,110			and and				de de la constante de la const		\$0.00000 \$0.000 \$0.00 \$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	\$0.0000 \$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	\$0.00000 \$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	35,877 \$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	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	\$0.00000 \$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 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0 \$0.0 \$0.0 \$0.0
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018 2013 Savings Persisting in 2019 2013 Savings Persisting in 2020	ded above																					880,454 871,462 814,525 734,405 663,358 658,307 656,480	544,416 530,845 479,430 225,319 224,607 224,607 224,489	2,867 2,767 2,763 2,445 2,420 2,420 2,419	624 617 617 178 176 176	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	235 226 226 207 205 205 205	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	\$0.0

Table 4-d. 2014 Lost Revenues Work For	n	Return to Top																																			
	Results	Net Energy Savings (kWh)			No	t Energy :	Savings Per	rsistence	(kWh)			Monthly	Net Demand Savings (kW)			Net	Peak Demai	d Savings	Persister	nce (kW)									Rate All	ocations for LRA	AMVA						
Program	Status	2014	2015	2016	2017	201	18 201	9 202	202	1 202	2 2023	Multiplier	2014	2011	5 2016	2017	2018	2019	2020	2021	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	100,775	5 100,77	75 100,46	1 49,8	27 0	0	0	0	0		18	18	18	17	7	0	0	0	0	0	100%														100%
Adjustment to 2014 savings	True-up																	1				1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange	Verified	22,166	22,166	22,16	6 22,16	6 0	0	0	0	0	0		12	12	12	12	0	0	0	0	0	0	100%														100%
Adjustment to 2014 savings	True-up																	1	1			1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives	Verified	363,212	363,212	2 : 363,21	12 363,21	2 363,	212 363,2	12 363,	212 363,	12 363,2	12 363,212	2	199	199	199	199	199	199	199	199	199	199	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%	

4. 2011-2014 LRAM

4 Conservation Instant Coupon Booklet	Verified	192,635	179,447 : 173,0	194 173,094	173,094	173,094 : 173,0	94 172,777	172,777 148	8,470	14	14	13	13	13 1	13	13	13 12	100%														100%
Adjustment to 2014 savings 5 Bi-Annual Retailer Event	True-up Verified	794,005	688,791 633,1	159 633,959	633,959	633,969 633,9	159 633,685	633,685 588	9,362	52	45	42	42	42 4	42	42	42 39	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2014 savings	True-up Verified																	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%
Retailer Co-op Adjustment to 2014 savings Residential Demand Response	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 2014 savings Residential Demand Response (IHD)	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 2014 savings	True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2014 savings	Verified True-up	2,546	2,546 2,5	16 2,546	2,546	2,546 : 2,54	6 2,546	2,546 2,	,546	4	4	4	4	4 4	4	4	4 4	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
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				12	248	248	248	241	241 24	1 237	237	233 216	0.00%	6% 6.00%	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%	100%
11 Direct Install Lighting Adjustment to 2014 savings	Verified True-up	703,764	682,709 620,	01 448,199	448,199	448,199 448,1	99 448,057	448,057 448	B,057 12	189	183	168	116	116 11	6 116	116	116 116	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%	100%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up								3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction Adjustment to 2014 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Energy Audit Adjustment to 2014 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD)	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%
16 Adjustment to 2014 savings	True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	ļ							304								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%	100%
Industrial Program Process & System Upgrades Adjustment to 2014 savings	Verified True-up	460,217	460,217 460,	17 460,217	460,217	460,217 460,2	17 460,217	460,217 460	0,217 12	53	53	53	53	53 5	53	53	53 53	0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
19 Monitoring & Targeting Adjustment to 2014 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager Adjustment to 2014 savings	Verified True-up		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%	0.00%	0.00%	0%
21 Retrofit Adjustment to 2014 savings	Verified True-up		ļ					ļ	12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	ļ							1,786								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%	100%
Home Assistance Program	Verified		<u> </u>													<u>.</u>			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%	100%
23 Home Assistance Program Adjustment to 2014 savings	True-up	79,269	79,177 74,8	60 73,072	/1,13/	/1,13/ 68,98	51 68,013	31,982 31	,562	8	- '			7 7			5 5	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aboriginal Program Home Assistance Program Adjustment to 2014 savings	Verified True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2014 savings	Verified True-up		-		-				0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program	Verified								12																							0%
Adjustment to 2014 savings 27 High Performance New Construction	True-up Verified								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings 28 Toronto Comprehensive	True-up Verified								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings	True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
an LDC Custom Programs Adjustment to 2014 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other Program Enabled Savings Adjustment to 2014 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2014	- T	5,198,565								3,330						-		1,554,608 4,162,607	832,303 1,601,705	2,412 1,126	815 607	0	0 44	0 35,877	208 722	0	0	0	0	0	0	
Forecast CDM Savings in 2014 Distribution Rate in 2014 Distribution Rate in 2014 from 2011 programs Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA In 2014	'		1	-		'	'	4 1		1	•		,	·	'		1	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0,00000 \$0,000 \$0,000 \$0,000 \$0,000 \$0,000	\$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	\$0.00000 \$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	\$0,00000 \$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
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2019 2014 Savings Persisting in 2020 2015 Octomake note of key assumptions including																		1,436,113 1,370,612 1,368,512 1,293,776 1,243,948 1,241,763	811,181 748,574 575,324 575,324 575,324 573,815	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	208 208 203 203 203 203 199	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 0	

4. 2011-2014 IRAM



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 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 updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Table 5-a. 2015 Lost Revenues Work For

Table 5-a. 2015 Lost Revenues Work Form		Na Searce	
	Results	NE Grongy Net Coregy Serioga Persistence (AVIII) Net Ownered Net O	Rate Allocations for LRAMVA
Program	Status	15 2015 2016 2017 2018 2019 2020 2021 2022 2022 2022 2024 Multiplier 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Residential CS-G0 NW Services 2020 2021 2022 2023 2024 Residential CS-G0 NW Services 2020 2021 2022 2023 2024 Residential CS-G0 NW Services 2020 NW Services 20	1,000 - 4,999 kW Load
Legacy Framework Residential Program 1 Coupon Initiative Adjustment to 2015 savings	Verified True-up	### \$22,666 319,758 31	NW NW NW NW NW 0 0 0 0 0 0 1000 1000000
2 Bi-Annual Retailer Event Initiative Adjustment to 2015 savings	Verified True-up	ad 598,157 585,582 585	0.00% 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 Appliance Retirement Initiative Adjustment to 2015 savings	Verified True-up	sd 62,028 62,028 61,929 00,023 0 0 0 0 0 19 10 10 9 4 0 0 0 100,000% 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%
HVAC Incentives initiative Adjustment to 2015 savings	Verified True-up	side 507,380 387,380 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%
 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% 0.00% 0.00%
Commercial & Institutional Program Energy Audit Initiative 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%
Z Efficiency: Equipment Replacement Incertive Initiative Adjustment to 2015 savings	Verified True-up		9% 4.09% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Direct Install Lighting and Water Heating	Verified	d 278,654 293,362 167,643 167,	100%
Adjustment to 2015 savings New Construction and Major Renovation	True-up Verified		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
New Construction and Major Renovation Initiative Adjustment to 2015 savings	True-up		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Existing Building Commissioning Incentive Initiative Adjustment to 2015 savings	Verified True-up		
Process and Systems Upgrades Initiatives -	Verified		100.09% 100%
Process and Systems I Ingrades Initiatives	True-up Verified		100.00% 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 2015 savings	True-up		0% 0.00% 0.
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2015 savings	Verified True-up		100.00% 100.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Low Income Program Low Income Initiative Adjustment to 2015 savings	Verified True-up	ad 45,402 41,348 40,659 30,969 30,969 30,000 30,000 30,000 30,000 30,000 32,870 32,484 12 6 6 6 6 6 6 6 5 5 100,005 as	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Other 15 Aboriginal Conservation 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%
16 Program Enabled Savings Adjustment to 2015 savings	Verified True-up	dd	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Conservation Fund Pilots 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% 0.00%
18 Loblaws Pilot Adjustment to 2015 savings	Verified True-up	at 770 t01 770	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	Verified True-up	9 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%
20 Social Benchmarking Pliot Adjustment to 2015 savings	Verified True-up	ы ф 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%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program	Verified		0%
Adjustment to 2015 savings Save on Energy Heating and Cooling	True-up Verified		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Program Adjustment to 2015 savings	True-up	P CON CON CON	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
23 Save on Energy New Construction 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%
24 Save on Energy Home Assistance 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%
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding 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%
26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified True-up	12 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
27 Save on Energy Small Business Lighting Program	Verified		0%
Adjustment to 2015 savings Save on Energy High Performance New	True-up Verified		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Construction Program Adjustment to 2015 savings	True-up	-	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		05K 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
•			

16						,					 	 															
Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	Verified True-up						12 12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2015 savings	Verified True-up						12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2015 savings	Verified True-up						12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Local & Regional Program: 33 Business Refrigeration Local Program	Verified						0				 	 L															0%
Adjustment to 2015 savings 34 First Nation Conservation Local Program	True-up Verified		-			1	0	<u> </u>					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings 35 Social Benchmarking Local Program	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%
Adjustment to 2015 savings Pilot Programs	True-up						0	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%	
Enersource Hydro Mississauga Inc 36 Performance-Based Conservation Pilot Procaram - Conservation Fund Adjustment to 2015 saving:	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%
EnWin Utilities Ltd Building Optimization Pilot	Verified						0																				0%
Adjustment to 2015 savings 88 EnWin Utilities Ltd Re-Invest Pilo	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%
Adjustment to 2015 saving: Horizon Utilities Corporation - ECM Furnace Motor Pilot	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%
Adjustment to 2015 savings	True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot Adjustment to 2015 savings	Verified True-up						0					ļ	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation 41 Voltage Regulation (CVR) Leveraging AMI Data Prior	Verified						0																				0%
Adjustment to 2015 savings Hvdro Ottawa Limited - Residential Demand	True-up						0	ļ					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Response Wi-Fi Thermostat Pilot Adjustment to 2015 savings	Verified True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Washington Miles at Division Inc. Print Print								-				 	1 0.00%	0.0074	0.0074	0.00,0	0.0076	0.0074	0.00%	0.00%	0.0074	0.00 /4	0.0076	0.0074	0.0074	0.00%	
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%
Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the Aprilultural Sector	Verified						0																				0%
Acricultural Sector Adjustment to 2015 savings Dakville Hydro Electricity Distribution Inc.	True-up						0	-					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2015 saving:	Verified True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls 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%
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings	Verified						0																				0%
Adjustment to 2015 savings Toronto Hydro-Electric System Limited -	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%	
48 Direct Install - RTU Controls (Pilot Savings) Adjustment to 2015 savings	True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - PFP - Large (Pilot 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%
Actual CDM Savings in 201!	Jone-up	8,197,664	T					747				<u> </u>	1,477,073	877,342 1.601,705	3,955 1,126	483	0	0	0 35,877	0 722	0	0	0	0	0	0	
Forecast CDM Savings in 2011 Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2015 from 2015 programs Total Lost Revenues in 2015 from 2015 Forecast Lost Revenues in 2011 LRAMVA in 2011		1		'	ı		ı			·			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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	\$0.0000 \$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	\$0.00 \$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 2016 2015 Savings Persisting in 2018 2015 Savings Persisting in 2023 2015 Savings Persisting in 2023 Note: UC to make note of lavy assumptions inclus													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 0 0 0	

Note: LDC to make note of key assumptions incl	uded above																													
Table 5-b. 2016 Lost Revenues Work Fore		Net Energy Savings (kWh)	Ne	t Energy Savings F	ersistence (kWh)				Net Demand Savings (kW)		Net Pea	k Demand Savis	ngs Persisten	ce (kW)								Rate Alloc	ations for LRAN	//////////////////////////////////////						
Program	Results Status		2018 2019	2020 2021	2022	2023 2024	2025 M	lonthly ultiplier		2017 201	18 2019	2020 202	1 2022	2023 202	4 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 Adjustment to 2016 savings	Verified True-up															kWh 0.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	8W	6Wh	WV 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2016 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
3 Appliance Retirement Initiative Adjustment to 2016 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2016 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction and Major Renovation Initiative Adjustment to 2016 saving:	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 Adjustment to 2016 savings	Verified True-up							12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2016 savings	Verified True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Direct Install Lighting and Water Heating Initiative Adjustment to 2016 saving:	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%
New Construction and Major Renovation Initiative Adjustment to 2016 savings	Verified True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2016 saving:	Verified True-up							3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Prolect Incentive Initiative Adjustment to 2016 savings	Verified True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	Verified							12								0.00%	0.05/4	0.05/4	0.00%	0.00%	0.00%	0.50%	0.00%	0.00%	0.00 /4	0.00%	0.00 /4	0.00%	0.00%	0%
Adjustment to 2016 savings	True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2016 savings	Verified True-up							12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2016 savings	Verified True-up							12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

Part	Other																	
March Marc	15 Aboriginal Conservation Program Adjustment to 2016 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%	0%
March Marc		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%
March Marc	Conservation Fund Pilot: Conservation Fund Pilot - EnerNOC Adjustment to 2015 review	Verified Tour up		0.009	0.000	0.00%	0.00%	0.00%	0.009/	0.009	0.00%	0.00%	0.009/	0.00%	0.009	0.00%	0.00%	0%
Part	8 Loblaws Pilot																0.00%	0%
Part	19 Conservation Fund Pilot - SEG																0.00%	0%
Part																	0.00%	0%
Part	Conservation First Framework	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%	
Part	Residential Province-Wide Program Save on Energy Coupon Program Adjustment to 2016 savings	Verified True-up	2,743,154 2,743,	177 100.009 19 100.009	0.00%	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%
March Marc																		100%
March Marc				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%	0%
Marche M	Adjustment to 2016 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%	0%
	Save on Energy Home Assistance Program Adjustment to 2016 savings		13,474 13,474 13,474 13,474 13,474 13,399 13,399 13,399 13,399 12,030 1 1 1 1 1 1 1 1 1 1 1	1 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Mathematical properties of the properties of t			13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 13,143 12 2 2 2 2 2 2 2 2 2 2 2 2	2		100.00%	0.00%											100%
Separate sep	Adjustment to 2016 savings					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
March Marc	Adjustment to 2016 savings		2603.625 2.626.212 2.857,000 2.857,000 2.857,000 2.790,391 2.790,391 2.790,391 2.795,897 2.796,897 12 660 664 750 750 750 750 750 750 750 740	749 0.00%	10.00%	86.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The section of the content of the			57,856 57,856 57,856 57,858 57,858 44,403 457 0 0 0 12 4 4 4 4 4 3 0 0 0 9,856 9,858				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Seminomonomonomonomonomonomonomonomonomono					0.00**	0.000	0.000	0.000			0.000					0.000	0.000	0%
The content woman				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part	Commissioning Program Adjustment to 2016 savings	True-up	3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Continent Service Cont	Save on Energy Process & Systems Upgrades Program Adjustment to 2016 savings		12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
March Marc	Save on Energy Monitoring & Targeting Program	Verified																0%
Set Properties of the properti	Adjustment to 2016 savings Save on Energy Energy Manager Program		12	0.00%	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%
Part	Adjustment to 2016 savings		835 835 835 835 835 835 835 835 835 835	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%	100%
Part	Local & Regional Program: Business Refrigeration Local Program Adjustment to 2016 savions	Verified True-un	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part																	0.00%	0%
Part				0.00%	0.00%		0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Controller of the control of the con		повтор																
Part	E Performance-Based Conservation Pilot Program - Conservation Fund																0.00%	100%
Part				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%
March Marc	Pilot Adjustment to 2016 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%	0%
Work Wind		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%
Part March Scrownstern Stand March Mar	Motor Pilot Adjustment to 2016 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%	0%
Month Control Contro	Horizon Utilities Corporation - Social Benchmarking Pilot																	0%
A trace of projection (CPT) (coverage) of a control of projectio	Hydro Ottawa Limited - Conservation	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%	
Expression Label Persistation Pe	41 Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2016 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%
Addresser 12 2015 serving		Verified																0%
Additionate D-2016 serving Throw-op Advanced by Telephone - Design of Energy (Massars of the Author of Serving - Massars of the Author of Serving (Massars of the Author of Serving - Massars of the Author of Serving (Massars of the Author	Adjustment to 2016 savings	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
## Busine Entropy (Entropy Assessed or Park Label Angle Assessed or Park L	Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2016 savinor		0	U book	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Control Profession Control C	Manage or the Late Divides have Divide			0.00%	0.0074													0%
Second Registration Control of the Second Re	Acricultural Sector Adjustment to 2016 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%	U%
Red College	Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic				0.00**	0.000	0.000	0.000			0.000					0.000	0.00%	0%
Teach Teac		rrue-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	J.00%	0.00%	0.00%	0.00%	0.00%	0%
Page	Direct Install - RTU Controls Adjustment to 2016 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%	
Source Specimen Control price Control	EZ Direct Install - Hydronic (Pilot Savings Adjustment to 2016 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%	0%
Adjustment 2016 tealing Track-grown Figure	Toronto Hydro-Flectric System I imited -		0															0%
Application Control (Control (Contr	Adjustment to 2016 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%	
Application Companies Co				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Description Page	Actual CDM Savings in 2011		8,510,759	3,656,44 4,162.60	505,631 1,601,705	8,439 1,126	390 607	0 3	0 44	0 35,877	0 722	0	0	0	0	0	0	_
Seed Reviews 2015 (fine mod 2015 pringment 15.00				\$0,0000	\$0,00000	\$0.00000				\$0.00000			\$0.00000		\$0.00000	\$0.00000	\$0.00000	\$0.00
Earl Revenue in 2016 from 2015 programs Suito Su	Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2014 programs			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00 90.00	Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2016 programs			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
LKAWYA IN 2011	LRAMVA in 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 \$0.00 \$0.00
2016 Sanings Persisting in 2011 3.666.441 505.641 8.440 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2016 Savings Persisting in 2011 2016 Savings Persisting in 2018			3,656,44 3,656,44	505,641 528,810	8,440 9,423	390 436	0	0	0	0	0	0	0	0	0	0	
2016 \$3 mgs. Providing in 2001 1566 441 558 810 9,422 456 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2016 Savings Persisting in 2020	fod shows		3,656,44 3,656,44	528,810 528,810	9,423 9,423	436 436	0	0	0	0	0	0	0	0	0	0	_

Table 5-c. 2017 Loss Reviewed Width Earth

| Program | Survey | S

Legacy Framework Residential Program					kWh	kWh kW	kW	kW kW	KWb k	v 0	0	0		0 0	ı
Residential Program Coupon Initiative Adjustment to 2017 savings	Verified True-up				0.00%	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%
2 Bi-Annual Retailer Event Initiative Adjustment to 2017 savings	Verified True-up				0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0					0.00% 0.00%	0%
Appliance Retirement Initiative Adjustment to 2017 savings	Verified True-up				0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0		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%	0.00% 0.00%	0.00% 0.0		0.00%			0.00% 0.00%	0%
Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified														0%
	True-up				0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	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%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	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%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
8 Direct Install Lighting and Water Heating Initiative Adjustment to 2017 savings	Verified	12													0%
	True-up Verifiert	12			0.00%	0.00% 0.00%	0.00%	0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.00%	
New Construction and Major Renovation Initiative Adjustment to 2017 savings	True-up	12			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	
10 Existing Building Commissioning Incentive Initiative Adjustment to 2017 savings	Verified True-up	3			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified	12													AN .
	True-up	12			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	12													0%
Adjustment to 2017 savings Process and Systems Upgrades Initiatives -	True-up Verified	12			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.00%	0%
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	True-up	12			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2017 savings	Verified True-up	12 12			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0% 0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
Other															0%
Aboriginal Conservation Program Adjustment to 2017 savings Program Enabled Savings Adjustment to 2017 savings	Verified True-up Verified True-up				0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0					0.00%	0%
					0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	0.00%	
Adjustment to 2017 savings	Verified True-up				0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
18 Loblaws Pilot Adjustment to 2017 savings	Verified True-up	0			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
Conservation Fund Pilot - SEG Adjustment to 2017 savings	Verified True-up	0			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	. 0%
20 Social Benchmarking Pliot Adjustment to 2017 savings	Verified True-up	0			0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00% 0.00%	0%
Conservation First Framewori Residential Province-Wide Program 21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified	3,302,399 2,640,403 2,640,403 2,640,403 2,640,403 2,640,403 2,640,403 2,640,403 2,640,468 2,640,468 2,640,701 4,057 3,255 3,255 0 0 0 0 0 0 0 0 0	228 184 184 184 184 0 0 0 0 0	184 184 184 184 1	84 100.00% 0 100.00%										100%
	True-up Verified		0 0 0 0 0		100.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00%	0.00%	100%
					400.000										
22 Save on Energy Heating and Cooling Program Adjustment to 2017 savings	True-up		10 10 10 10 0		100.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.00%	
23 Save on Energy Instant Discount Program Adjustment to 2017 savingt	Verified True-up	36,078 36,078 36,078 36,078 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 10 10 10 0 187 138 138 138 138	0 0 0 0 196 196 196 196 1	100.00% 36 100.00% 100.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0					0.00% 0.00%	100%
Save on Energy Instant Discount Program Adjustment to 2017 savings Save on Energy Home Assistance Program Adjustment to 2017 savings		36,976 36,976 36,976 0 0 0 0 0	10 10 10 10 0	0 0 0 0 196 196 196 196 1	100.00% 36 100.00% 100.00%					0.00%		0.00%	0.00% 0		100%
Save on Energy Instant Discount Program Adjustment to 2017 savings Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified True-up Verified True-up	3677 3677 3677 3677 3677 3677 3677 3677	10 10 10 10 0 187 138 138 138 138 138 29 29 29 29 29 29	0 0 0 0 0 136 136 136 1 29 29 29 29 29 2	100.00% 100.00% 100.00% 100.00% 100.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.0	0.00%	0.00%	0.00%	0.00% 0	0.00% 0.00%	100%
22 Sac on Energy Instant Discount Program Adjustment to 2017 savings Adjustment to 2017 savings Adjustment to 2017 savings Non-Residential Province-Wide Program 25 Save on Energy Mod Funding Program Adjustment to 2017 savings	Verified True-up Verified True-up Verified True-up	\$6,722 65,722 65,722 65,722 65,722 65,722 65,723 126,67 12	16	0 0 0 0 0 136 136 136 136 136 136 136 136 136 136	100.00% 100.00% 100.00% 100.00% 100.00%	0.00% 0.00% 0.00% 0.00% 100.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.0	0% 0.00% 0% 0.00%	0.00%	0.00%	0.00% 0	0.00% 0.00%	100%
22 Save on Energy Home Assistance Program Adjustment to 2017 saving; Adjustment to 2017 saving; Adjustment to 2017 saving; Non-Residential Province-Wide Program Save on Energy Audit Funding Program Adjustment to 2017 saving; Save on Energy Restor Program Adjustment to 2017 saving; Save on Energy Restor Program Adjustment to 2017 saving;	Verified True-up Verified True-up Verified True-up Verified Verified	\$2,724.55 1,972.75 1,972.75 1,972.75 1,972.75 1,972.75 1,972.75 1,972.77	16	6 0 0 0 0 136 136 136 120 20 20 20 20 20 20 20 20 20 20 20 20 2	0 100.00% 38 100.00% 100.00% 100.00% 100.00% 5 0.00% 5 0.00%	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.0 0.00% 0.0 0.00% 0.0	0% 0.00% 0.00% 0% 0.00%	0.00%	0.00%	0.00% 0 0.00% 0 0.00% 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100%
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2 Source Christop Visited Choicode Program 4, deploments 20 71 Analysis 2 Slive on Energy Horne Assistance Program Adjustments 20 71 Favings 5 Nove-Residential Province-Wide Program 5 Nove-Residential	Verified True-up Verified True-up Verified True-up Verified Verified	\$2,724.55 1,972.75 1,972.75 1,972.75 1,972.75 1,972.75 1,972.75 1,972.77	167 136 130 136	6 0 0 0 0 136 136 136 120 20 20 20 20 20 20 20 20 20 20 20 20 2	0 100.00% 38 100.00% 100.00% 100.00% 100.00% 5 0.00% 5 0.00%	0.00% 0.00% 0.00% 0.00% 100.00% 0.00% 100.00% 0.00% 20.20% 71.20% 22.00% 79.00%	0.00% 0.00% 0.00% 0.40% 0.40%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.0 0.00% 0.0 0.00% 0.0	01.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0 0.00% 0 0.00% 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100%
2 Source Christop Visited Choicode Program 4, deploments 20 71 Analysis 2 Slive on Energy Horne Assistance Program Adjustments 20 71 Favings 5 Nove-Residential Province-Wide Program 5 Nove-Residential	Verified True-up Verified True-up Verified True-up Verified True-up Verified	MART	167 136 130 136	6 0 0 0 0 136 136 136 120 20 20 20 20 20 20 20 20 20 20 20 20 2	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	0.00% 0.00% 0.00% 0.00% 100.00% 0.00% 100.00% 0.00% 20.20% 71.20% 20.20% 71.00% 22.00% 70.00% 22.00% 70.00%	0.00% 0.00% 0.00% 0.40% 0.40%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0	01.00% 0.00% 0.00% 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	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	100% 100% 100% 100% 92%
2 Seven o Europy Vester Choscott Program 4,44,44mmets 20 71 zealing 25 Seven on Europy Horne Assistance Program 4,44,44mmets 20 71 zealing 16 Seven on Europy Ander Derdore Program 4,44,44mmets 20 71 zealing 16 Seven on Europy Ander Person 4,44,44mmets 20 71 zealing 17 zealing 18 Seven on Europy Ander Person 4,44,44mmets 20 71 zealing 18 Seven on Europy Seven 18 Seve	Verified True-up Verified Verified	30,000 30,000 30,000 30,000 0 0 0 0 0 0	167 136 130 136	6 0 0 0 0 136 136 136 120 20 20 20 20 20 20 20 20 20 20 20 20 2	0 100.00% 100.	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40% 0.40% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.1 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0	01.00% 0.00% 0.00% 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	0.00% 0.00%	100% 100% 100% 100% 92% 101%
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23 See no Europy Sealest Coscord Program Apidements 20 Cit Zealing 25 See no Europy Horse Assistance Program Apidements 20 Cit Zealing Non-Residential Province-Wilde Program See no Europy Apidements 20 Cit Zealing See no Europy Apidements 20 Cit Zealing 25 See no Europy Sealest Prodram Apidements 20 Cit Zealing 26 See no Europy Sealest Prodramance New Apidements 20 Cit Zealing 26 See no Europy Sealest Apidements 20 Cit Zealing 26 See no Europy Sealest Apidements 20 Cit Zealing 26 See no Europy Sealest 27 See no Europy Sealest 28 See no Euro	Verified True-up Verified Verified	3038 3059 3059 3059 3059 3059 3059 3059 3059	167 136 136 136 136 136 136 136 136 136 136	8	100,00% 100,000% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,0	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40% 0.40% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.1 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0	2% 0.00% 27% 0.00% 27% 0.00% 27% 0.00% 27% 0.00% 27% 0.00%	0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% C 0.00%	0.00% 0.00%	100% 100% 100% 100% 92% 101%
2 Seven on Europy Vester Choscott Program 4,4,4,4,4mmert 20 2017 Annier) 25 Seven on Europy Horne Assistance Program 4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,	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	\$234.545 [1,572.75] [2,572.75] [1	167 136 136 136 136 136 136 136 136 136 136	8	100,00% 100,000% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,00% 100,0	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40% 0.40% 0.00%	0.00% 0.00%	0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0 0.00% 0.0	2% 0.00% 27% 0.00% 27% 0.00% 27% 0.00% 27% 0.00% 27% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% C 0.00%	0.00% 0.00%	100% 100% 100% 92% 101% 0%
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2 Seven on Europy Federal Choccode Program Apiduments 2001 Traving 2 Seven on Europy Horne Assistance Program Apiduments 2001 Traving 1 Seven on Europy And Province Wife Program 2 Seven on Europy And Province Wife Program Apiduments 2001 Traving 2 Seven on Europy And Prodram Apiduments 2001 Traving 2 Seven on Europy And Brushers Lighting Apiduments 2001 Traving 2 Seven on Europy Europy 2 Seven on Europy Europy 2 Seven on Europy Europy 3 Seven on Europy Europy 4 Seven Seven Seven 4 Seven Seven 5 Seven 5 Seven 5 Seven 6 Seven 7 S	Verified True-up	3038 3059 3059 3059 3059 3059 3059 3059 3059	167 198 19 19 19 19 19 19 19 19 19 19 19 19 19	a a a a a a a a a a a a a a a a a a a	0 10.05%	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40% 0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	2% 0.00% 0.0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% c 0.00%	0.00% 0.00%	100% 100% 100% 100% 92% 100% 0% 0% 0%
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2 Seven on Europy Neutral Chicacol Program Apiduments 20 of Tavaling 2 Seven on Europy Neutral Assistance Program Apiduments 20 of Tavaling Neutral Province Milds Neutral Neutr	Verified True-up	3-24-4-25 [1-27-25] [1-27-	150 151 150 151	0 0 0 0 100 130 1 100 1	0 100 00% 0 100	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40% 0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	2% 0.00% 0.0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% c 0.00%	0.00% 0.00%	100% 100% 100% 52% 101% 0% 0% 0% 100%
2 Seven on Europy Neutral Chicacol Program Apiduments 20 Traving 2 Seven on Europy Horne Assistance Program Apiduments 20 Traving 1 Seven on Europy Horne Assistance Program 1 Seven on Europy And Horne Program 2 Seven on Europy And Horne 2 Seven on Europy Europy Manager Program 1 Seven on Europy And Horne 1 Seven on Europy Europy Manager Program 1 Seven Europy Manager Program 1 Manager Manager Program 1 Manager M	Vortical Trus-up Verified Trus-up	3-24-4-25 [1-27-26] [1-27-	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00% 00% 00% 00% 00% 00% 00% 00% 00	0.00% 0.00%	0.00% 0.00% 0.00% 0.40% 0.40% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.1 0.1 0.00% 0.1 0.1 0.00% 0.1 0.1 0.00% 0.1 0.1 0.1 0.00% 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	29% 0.00% 0.00% 0% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00%	0.00% 0.00%	100% 100% 100% 52% 101% 0% 0% 0% 0% 100% 100%
2 See to Europy Modern Chocone Program Aplications to 2017 Earling 2 See to Europy Modern Assistance Program Aplications to 2017 Earling 2 See to Europy Modern Assistance 2 See to Europy Modern Assistance 2 See to Europy Modern Modern 2 See to Europy Modern Modern 2 See to Europy Modern 2 See to E	Verified True-up	3-24-4-25 [1-27-25] [1-27-	150 151 150 151	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00% 00% 00% 00% 00% 00% 00% 00% 00	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.1 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% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% c 0.00%	0.00% 0.00%	100% 100% 100% 52% 101% 0% 0% 0% 100%
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2 See on Energy Hoster Chocord Program Agictiments 2017 Earling 2 See on Energy Horse Assistance Program Agictiments 2017 Earling 3 See on Energy Horse Assistance Program Non-Relatedential Province-Milds Program 5 See on Energy Horse Ended Program Agictiments 2017 Earling 2 See on Energy Horse Ended Program Agictiments 2017 Earling 2 See on Energy Horse Ended Program Agictiments 2017 Earling 3 See on Energy Horse Endergy Horse Agictiments 2017 Earling 3 See on Energy Horse 4 See on Energy 5 See on Energy 6	Verified True-up Verified	3-24-4-25	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00%.	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.0 0.00%	0% 0.0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% c 0.00%	0.00% 0.00%	100% 100% 100% 52% 101% 6% 6% 6% 6% 100% 100% 100% 6% 100% 100
22 See no Europy Neutro Ciscosot Program Agictiments 2017 Avalega 23 See no Europy Horse Assistance Program Agictiments 2017 Avalega 24 See no Europy Horse Assistance Program Agictiments 2017 Avalega 25 See no Europy Agictiments 2017 Avalega 26 See no Europy Europy Horse Agictiments 2017 Avalega 27 See no Europy Europy Horse Agictiments 2017 Avalega 28 See no Europy Europy Horse Agictiments 2017 Avalega 29 See no Europy Europy Horse Agictiments 2017 Avalega 29 See no Europy Europy Agictiments 2017 Avalega 20 See no Europy Europy Agictiments 2017 Avalega 21 See no Europy Europy Agictiments 2017 Avalega 22 See no Europy Europy Agictiments 2017 Avalega 23 See no Europy Europy Agictiments 2017 Avalega 24 See November 2017 Avalega 24 See November 2017 Avalega 25 See November 2017 Avalega 25 See November 2017 Avalega 26 See November 2017 Avalega 27 See November 2017 Avalega 27 See November 2017 Avalega 28 See November 2017 Avalega 29 See November 2017 Avalega 20 See November 2017	Vorified Tros-up Verified	1,572,156 1,57	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00%. 100 00%. 100 00%. 0 00%. 0 00%. 0 00%. 0 00%. 0 00%. 0 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%. 100 00%.	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.4 0.00% 0.4	00% 0.	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% C 0.00%	0.00% 0.00%	100% 100% 100% 52% 101% 0% 0% 0% 100% 100% 100% 100%
2 See no Europy Neutre Chococot Program Apidements 20 Cit Tavaleg 2 See no Europy Neutre Assistance Program Apidements 20 Cit Tavaleg 2 See no Europy Neutre Assistance Program Apidements 20 Cit Tavaleg 2 See no Europy Neutre Chococot Relative Apidements 20 Cit Tavaleg 2 See no Europy Neutre Europy 2 See no Europy Neutre Europy 3 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 2 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 3 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 2 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 3 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 3 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 3 See no Europy Proframance Neve Apidements 20 Cit Tavaleg 3 See no Europy Europe Manager Program Apidements 20 Cit Tavaleg 3 See no Europy Europy Manager Program 4 See Nove Europy Europy 4 See Nove Europy Europy 4 See Nove Europy Europy 5 See no Europy Europy 5 See no Europy Europy 5 See Nove Eu	Vorificad Tross-up Verificad	1,572,156 1,57	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00% 0 100 00% 0 100 00% 0 100 00% 0 100 00% 0 100 00% 0 00% 0 0	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.1 0.10% 0.1 0.10%	00% 0.	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% C 0.00%	0.00% 0.00%	100% 100% 100% 52% 101% 6% 6% 6% 6% 100% 100% 100% 6% 100% 100
2 See to Energy Medical Chicacos Program Agiculturals 20 2017 acting 2 See to Energy Horse Assistance Program Agiculturals 20 217 acting 2 See to Energy Horse Assistance Program Non-Relationation Province-Wide Program See The See to Energy Horse Province-Wide Program See To Energy Reput Province-Wide Agiculturals 20 217 acting 2 See to Energy Horse Energy Horse 2 See to Energy Horse Energy Horse 2 See to Energy Horse Energy Horse 2 See to Energy Horse 3 See to Energy 3 See to Energy Horse 3 See to Energy 4 See to Energy 4 See to Energy 5 See to Energy 5 See to Energy 6 See	Vorificad Tross-up Vorificad	3-24-1-3-2-3-2-3-3-2-3-3-3-3-3-3-3-3-3-3-3-3	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00% 0 100 00% 0 100 00% 0 100 00% 0 100 00% 0 100 00% 0 00% 0 0	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.1 0.10% 0.1 0.10%	094 0.0094 976 0.0095 976 0.0095 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 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 0.00%	0.00% 0.00%	100% 100% 100% 100% 100% 100% 100% 100%
2 See to Energy Medical Chicacos Program Agiculturals 20 2017 activity 2 See to Energy Horse Assistance Program Agiculturals 20 2017 activity 2 See to Energy Horse Assistance Program Non-Relatedental Province-Wide Program Non-Relatedental Program Non-Relatedenta	Verified True-up Verified	3-24-1-3-2-3-2-3-3-2-3-3-3-3-3-3-3-3-3-3-3-3	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00%. 100 00%.	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.0 0.00% 0.0	094 0.0094 976 0.0095 976 0.0095 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 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 0.00%	0.00% 0.00%	100% 100% 100% 92% 101% 0% 0% 0% 100% 100% 100% 100%
2 See to Energy Medical Chicacos Program Agiculturals 20 2017 acting 2 See to Energy Horse Assistance Program Agiculturals 20 217 acting 2 See to Energy Horse Assistance Program Non-Relationation Province-Wide Program See The See to Energy Horse Province-Wide Program See To Energy Reput Province-Wide Agiculturals 20 217 acting 2 See to Energy Horse Energy Horse 2 See to Energy Horse Energy Horse 2 See to Energy Horse Energy Horse 2 See to Energy Horse 3 See to Energy 3 See to Energy Horse 3 See to Energy 4 See to Energy 4 See to Energy 5 See to Energy 5 See to Energy 6 See	Vorificad Tross-up Vorificad	3-24-1-3-2-3-2-3-3-2-3-3-3-3-3-3-3-3-3-3-3-3	167 158 156	0 0 0 0 136 136 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 100 00%. 100 00%.	0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00%	0.00% 0.0 0.00% 0.0	094 0.0094 976 0.0095 976 0.0095 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096 976 0.0096	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 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 0.00%	0.00% 0.00%	100% 100% 100% 92% 101% 0% 0% 0% 100% 100% 100% 100% 100

5. 2015-2020 EAM

Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the Acricultural Sector 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%
Oakville Hydro Electricity Distribution Inc	Verified					0																			0%
Direct Install - Hydronic 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%	
46 Direct Install - RTU Controls	Verified					0																			0%
Adjustment to 2017 savings	True-up		I	l	l	. 0	l		l		0.00%	0.00%	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 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)	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					0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 201: Forecast CDM Savings in 201:		12,199,921		 		 ************	1,659	 		 	7,237,137 4,162,607	1,146,545 1,601,705	8,152 1,126	45 607	3	44	35,877	722	0	0	0	0	0	0	
Distribution Rule in 2017 Lost Revenue in 2017 from 2019 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2013 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2015 programs Lost Revenue in 2017 from 2017 programs Total Lost Revenues in 2017 from 2017 programs Total Lost Revenues in 2017 Forecast Lost Revenues in 2011 RAMAY in 2011											\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2017 Savings Persisting in 2018 2017 Savings Persisting in 2015 2017 Savings Persisting in 2020											5,832,108 5,832,108 5,832,108	1,199,357 1,199,357 1,199,105	8,960 9,036 9,036	50 50 50	0 0 0	0 0	0 0 0	0 0 0	0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	

The state of the s	2017 Savings Persisting in 2011 2017 Savings Persisting in 2020			5,832,108	1,199,105	9,036	50	ō	ō	ō	ō	ō	ō	Ö	ō	0	0
The state of the s	Note: LDC to make note of key assumptions incl	ided above															
Property of the property of	Table 5-d. 2018 Lost Revenues Work For		No Dames														
The second sec		Results	Net Chargy Net Energy Savings Persistence (KWh) Savings (KWh) Monthly Monthly							Rate Alloca	ations for LRAN	NA .					
Part	Program	Status	2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 Malfighter 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	Residential	GS<50 kW	General Service 50 -	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered	Large Use						Total
See	Legacy Framework			kWh	kWh	202 611		kW	kW		kW	0	0	0	0	-	0
Part	Residential Program Coupon Initiative	Verified		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0%
Separate Manufacture 1984	Bi-Annual Retailer Event Initiative	Verified															0%
Part	Adjustment to 2018 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%	
The second content		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%
Set Province	HVAC Incentives Initiative Adjustment to 2018 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%
Set Province	Residential New Construction and Major Adjustment to 2018 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%
Part																	
See	Energy Audit Initiative 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%
The series of th	Efficiency: Equipment Replacement Incentive Initiative																0%
The section of the control of the co				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Initiative Adjustment to 2018 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%
Summer profession of the profe	New Construction and Major Renovation	Verified	12														0%
The second secon		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%
Selection of the content of the cont	Existing Building Commissioning Incentive Initiative		3														0%
The second proper prope	Industrial Program	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Market M	Process and Systems Upgrades Initiatives - Project Incentive Initiative																0%
Second				0.00%	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 second proper second prope			12														0%
Second Property Control Property Contr				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Part	Energy Manager Initiative Adjustment to 2018 savings		12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
No. State	Low Income Program Low Income Initiative	Verified	12														0%
Part	Adjustment to 2018 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%
Part	Aboriginal Conservation Program Adjustment to 2018 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%
Secure Continue	Program Enabled Savings	Verified Toroug		0.00%	0.000	0.000	0.00%	0.00%	0.009/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Application Process																	
Value	Conservation Fund Pilot - EnerNOC 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%
The search The	Loblaws Pilot 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%
Vision V	Conservation Fund Pilot - SEG	Verified Toroug		0.00%	0.000	0.000	0.00%	0.00%	0.009/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part	Social Benchmarking Plior	Verified															0%
Againster 15 May 2 Against 1 Against		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%
Againster 15 May 2 Against 1 Against	Residential Province-Wide Program Save on Energy Coupon Program	Verified															0%
Second Exercised Programs Pro	Adjustment to 2018 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%	
Second Exercised Programs Pro	Program Adjustment to 2018 savings		248,836 0 248,838 0 0 0 0 0 0 0 0 0 0 66 68		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
March Marc	Save on Energy Instant Discount Program Adjustment to 2018 savings	Verified True-up	1,167,569 0 1,157,971 0 0 0 0 0 0 0 0 60	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%
Processing Programs Processing Processin	,	Verified	44,471 44,471	100.00%													100%
Note	Non-Residential Province-Wide Program	True-up		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Application of the content of the	Save on Energy Audit Funding Program Adjustment to 2018 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%
The specific of the following specific blading specific b	Save on Energy Retrofit Program Adjustment to 2018 savings	Verified True-up	4,611,251 4,588,446 12 858 994	0.00%		90.19%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
No. Section Part			15.117 9.720 12 2 1			56.00%											97%
alev or Energy Existing Building Verified 61,800 61,800 3 16 16 100.00% 1000 1000 1000 1000 1000 1000 1				0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
alev or Energy Existing Building Verified 61,800 61,800 3 16 16 100.00% 1000 1000 1000 1000 1000 1000 1	Save on Energy High Performance New Construction Program																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%	
	Commissioning Program Adjustment to 2018 savings		e1,800 e3,800 3 16 16	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gamment to 2019 Saulong Trav-up 0.00% 0.00			12														0%
	Adjustment to 2018 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%	

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L														,																
31 Save on Energy Monitoring & Targeting Program 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%
Save on Energy Energy Manager Program	Verified								12																					0%
Adjustment to 2018 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%	U%
Local & Regional Program:						 	 	 			 .,,,,,	 																		
33 Instant Savings Adjustment to 2018 savings	Verified True-up	354,596		354,596					0	- 55	56					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%
34 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%
35 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%
Pilot Programs Enersource Hydro Mississauga Inc 26 Performance-Based Conservation Pilot Program - Conservation Fund	Verified								12																					0%
Adjustment to 2018 savings	True-up			l					12				İ			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Building Optimization Pilot	Verified								12																					0%
Adjustment to 2018 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%	
EnWin Utilities Ltd Re-Invest Pilo 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%
90 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified								12																					0%
Adjustment to 2018 savings	True-up								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40 Horizon Utilities Corporation - Social Benchmarking Pilot 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%
Hydro Ottawa Limited - Conservation 41 Voltage Regulation (CVR) Leveraging AMI	Verified								12																					0%
Data Pilot Adjustment to 2018 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%	
Hydro Ottawa Limited - Residential Demand 42 Response Wi-Fi Thermostat Pilot	Verified																													0%
Adjustment to 2018 savings	True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified								12																					0%
Adjustment to 2018 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%	
Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the Agricultural Sector Adjustment to 2018 savings	Verified								12																					0%
	True-up								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic 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%
Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified								12																					0%
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%	
Direct Install - Hydronic (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 - 48 Direct Install - RTU Controls (Pilot Savings)	Verified		1						12						T T															0%
Adjustment to 2018 savings	True-up								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.2
Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified								12																					0%
Adjustment to 2018 savings Actual CDM Savings in 2011	True-up	6,503,649			i	 	 	 	12	1,078	 	 	k			1.815.472	0.00%	9.353	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Forecast CDM Savings in 2011																4,162,607	1,601,705	1,126	607	3	44	35,877	722		0	0	0	0	0	
Distribution Rate in 2015 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2012 programs Lost Revenue in 2018 from 2015 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 2016 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2018 programs Lost Revenue in 2018 from 2018 Forecast Lost Revenues in 2011 LRAMYA in 2011 LRAMYA in 2011 LRAMYA in 2011 LRAMYA IN 2018 LOST REVENUES IN 2018 LRAMYA																\$0.00780 \$6,578.17 \$3,610.18 \$5,041.52 \$9,832.70 \$11,068.84 \$27,788.95 \$44,324.02 \$13,797.59 \$122,041.96 \$31,635.81	\$0.01980 \$1,380.22 \$6,316.90 \$4,447.21 \$11,391.41 \$17,602.62 \$10,470.44 \$23,747.28 \$5,823.05 \$81,249.13 \$31,713.76	\$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 \$210,980.14 \$4,968.45	\$1.79930 \$0.00 \$212.30 \$316.46 \$1,457.02 \$899.71 \$783.67 \$89.32 \$383.62 \$4,112.10 \$1,092.18	\$27.13030 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$19.84270 \$0.00 \$0.00 \$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 \$0.00 \$0.00 \$0.00 \$0.00	\$1.96070 \$0.00 \$0.00 \$402.32 \$397.50 \$0.00 \$0.00 \$0.00 \$7.99.82 \$1,415.63	\$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 \$0.00 \$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	\$0.0000 \$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	\$34,811.00 \$33,472.10 \$20,880.27 \$33,425.89 \$46,984.25 \$80,604.60 \$107,679.88 \$61,325.36 \$419,183.15 \$73,623.22 \$346,159.93
2018 Savings Persisting in 2019 2018 Savings Persisting in 2020																0 1,805,874	0 293,975	0 9,838	0 224	0	0	0	0	0	0	0	0	0	0	
Note: LDC to make note of key assumptions inclu	ded above															1,000,014	293,975	9,030	229	U			U	0	0	U	0	U	U	

Program Results 2019 Legacy Framework 2019 Actual Cold Servings in 2011 Occreated Cold Servings	2020 2021	2022 2023	2024 2025	2026 2027	2028 Moi	nthly iplier 2019	2020 20																				
Actual CDM Savings in 2011 0 Forecast CDM Savings in 2011 United Savings in 2015 Listribution Rate in 2015 Listribution Rate 2015 from 2011 programs							2020 20	21 2022	2023 20	2025	2026 2027	2028	Residential	G8<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
Forecast CDM Savings in 2011 Distribution Rate in 2015 Lost Revenue in 2019 from 2011 programs													kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	- 0	
Distribution Rate in 2015 Lost Revenue in 2019 from 2011 programs						0							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lost Revenue in 2019 from 2011 programs													0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lost Revenue in 2019 from 2019 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2014 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 2019 from 2019 programs Total Lost Revenue in 2019 from 2019 programs Total Lost Revenue in 2011 Lost Revenue in													\$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 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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 \$0.00	\$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 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000	\$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	\$0.00000 \$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 \$0.00	\$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	

work	2027 2028 2029 Monthly Multiplier																						
			2021 2022	2023	2024 2	2025 2	2026 2027	2028 1	2029 Reside	ntial GS<50	Genera kW Service 5 999 kW	io - General Service	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							т
									kW	h kWi	kW.	kW	kW	kW	kWh	kW	0	0	0	0	0	0	
vings in 2021 0		0		1					. 0	0	. 0	. 0	0		0	0	. 0	. 0	0	0	0		
Savings in 2021									0	0	0	0			. 0	0		. 0	0	0	0	0	
n in 2020									\$0.000				\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
2020 from 2011 programs									\$0.0	0 \$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2012 programs									\$0.0	0 \$0.0 0 \$0.0		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	
2020 from 2013 programs 2020 from 2014 programs									\$0.0 \$0.0	10 \$0.0 10 \$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2015 programs									\$0.0	10 \$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2016 programs									\$0.0	10 \$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2017 programs									\$0.0	0 \$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2018 programs									\$0.0	0 \$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2019 programs									\$0.0			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
2020 from 2020 programs									\$0.0	0 \$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
nues in 2020									\$0.0	0 50.0	0 50.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Revenues in 2021									\$0.0	0 \$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Note: LDC to make note or key assumptions if

5. 2015-2020 (SAM)



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

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	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

	website

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	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-11 Apr-11	2011	Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Sep-11 Oct-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared Opening Balance	o for 2012			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-12	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
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-12 Jun-12	2011-2012 2011-2012	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	\$0.00 \$0.00
Jul-12 Jul-12	2011-2012	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-12	2011-2012	Q4 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
Nov-12 Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Total for 2012	LOTT LOTE	<u> </u>	0.1270	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
Amount Cleared																		
Opening Balan Jan-13	2011-2013	Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13 Jul-13	2011-2013	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13 Total for 2013	2011-2013	Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14 Mar-14	2011-2014	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	\$0.00 \$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00
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	\$0.00
Aug-14 Sep-14	2011-2014	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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2014 Amount 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	\$0.00
Opening Balan	e for 2015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-15 May-15	2011-2015	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-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	==.0			+3.00	+2.00	+0.00	\$0.00	+0.00	+5.00	+2.00	+5.00	+	+=.00	\$3.00	,		41.00	42.50

April 201-2019 Col. Co																			
Sec.	Jul-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Color Colo																			
No. 1. 1. 1. 1. 1. 1. 1.																			
Description Company																			
Tear layer																			
Company Comp																			
Land 1971-2016 Ot 1900	Amount Cleared	i																	
Fig. 10																			
May 10 201-2010 C																			
April 201-200 CE 10070 Soc																			
May 10 10 10 10 10 10 10 1																			
April 2971-295 CO																			
April 2011-095																			
Sect																			
Color Colo	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	\$0.0
No. Control																			
Description Company																			
Trail by 18 1.00 1.																			
Description		2011-2016	Q4	0.09%						\$0.00									
Section Sect					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Section Column					\$0.00	\$0.00	\$0.00	\$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 7			Q1	0.09%															
April																			
May 17 2011-2017 C2 0.009% 50.00 5																			
July 17 2011-2017 C2																			
## 17 2011-2017 Col. 0.00% 50.00 50.																			
Aug. 17 2011-2017 C3 0.0996 50.00																			
Sept 77 2911-3917 Q3																			
Control Cont																			
Color Transport Transport Color Transport																			
Figure 1979		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	\$0.0
December		2011-2017	Q4	0.13%															
Second					\$0.00	\$0.00	\$0.00	\$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-18 2011-2018 O1																			
Feb-18 2011-2018 O1			01	0.120/															
Mar-18 2011-2018 O1 0.15% \$18.05 \$10.02 \$42.02 \$50.05 \$40.02 \$40.18 \$50.00 \$50.0																			
May-18 2011-2016 Q2																			
Jul-18 2011-2016 C2 0.16% S99.33 S32.55 S19.50 S1.08 S90.05 S0.00	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	\$136.3
14-18 2011-2018 Q3	May-18																		
Sept 18 2011-2018 03 0.19% \$33.06 \$45.51 \$198.28 \$2.77 \$0.07 \$45.00 \$31.14 \$50.57 \$50.00 \$																			
Sept 18 2011-2018 03 0.19% S448 S52.01 S216.31 S317 \$0.00 \$5.00																			
Col.																			
No18 2011-2018 O.4 0.18% \$13-624 \$74.65 \$310.45 \$45.55 \$50.12 \$51.22 \$51.88 \$40.03 \$50.00																			
Dept-18 2011-2018 C4 0.189% \$149.86 \$82.11 \$341.50 \$5.01 \$9.13 \$1.48.60 \$1.02 \$1.02 \$1.02 \$1.00 \$0.00																			
Fotol for 2018 S225.53 \$453.97 \$1,880.05 \$27.68 \$47.50 \$450.00 \$40.00 \$50.0						\$82.11		\$5.01											
	Total for 2018				\$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	
Fab-19																			
Feb-19 2011-2019 O1 0.20% 5184.58 5101.13 \$420.61 \$6.17 \$5.17 \$5.178 \$5.24 \$1.26 \$5.000 \$5.000 \$5.00 \$																			
Mar-19 2011-2019 O1 0.20% \$184.58 \$101.13 \$420.61 \$5.17 \$9.17 \$1.78 \$2.24 \$1.26 \$0.00 \$0.0																			
April 2011-2019 Q2 0.18% \$164.24 \$89.99 \$374.26 \$5.49 \$5.15 \$1.59 \$5.226 \$1.12 \$0.00																			
May-19 2011-2019 Q2 0.18% 5164.24 589.99 \$374.26 \$5.49 \$5.15 \$5.159 \$5.26 \$5.112 \$5.000 \$5.0			02	0.20%	\$164.24	\$89 QQ			-\$0.17 -\$0.15	-\$1.78 -\$1.50		-\$1.2b		\$0.00		\$0.00 \$0.00	\$0.00 \$0.00		
Jul-19 2011-2019 Q2 0.18% \$164.24 \$89.99 \$374.26 \$5.49 \$0.15 \$31.59 \$52.26 \$31.12 \$0.00 \$0																			
August Sept 2011-2019 O.3 0.18% 5164.24 589.99 \$374.26 \$5.49 \$0.15 \$1.55 \$5.26 \$4.112 \$0.00 \$0.0		2011-2019																	
Sep-19 2011-2019 O.3 0.18% S164.24 S89.99 S374.26 S5.49 S0.15 S1.59 S2.26 S1.12 S0.00 S0.0																			
Col.19 2011-2019 Q4 0.18% 5164.24 589.99 \$374.26 \$5.49 \$9.15 \$1.59 \$5.26 \$4.112 \$0.00 \$0.0																			
Nov-19 2011-2019 O4 0.18% 5164.24 589.99 \$374.26 \$5.49 \$0.15 \$1.59 \$5.26 \$4.112 \$5.000 \$5.00																			
Dec-19 2011-12019 Q4 0.18% \$164.24 \$89.99 \$374.26 \$54.90 \$55.55 \$42.58 \$-\$27.62 \$-\$39.39 \$419.48 \$50.00 \$50.																			
Total for 2019 \$2,860.41 \$1,597.28 \$6,518.19 \$95.55 \$42.58 \$427.62 \$5.93.99 \$19.48 \$0.00 \$0.																			
Amount Cleared Opening Balance for 2020 S2,860.41 \$1,567.28 \$6,516.19 \$96,555 \$42,58 \$427.62 \$39.39 \$519.48 \$50.00		_011 _018	4	0.1070	\$2,860.41						-\$39.39								
Company Balances for 2020 S2,860.41 \$1,567.28 \$6,518.19 \$95.55 \$42.58 \$4.27.82 \$39.39 \$519.48 \$0.00 \$0.0		i			. ,	. ,	,												,
Feb-20 2011-2020 C1 0.18% S164.24 S89.99 S374.26 S5.49 S0.15 S1.59 S2.26 S1.12 S0.00	Opening Balance	ce for 2020			\$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	\$10,952.30
Mm-20 2011-2020 O1 0.18% \$164.24 \$89.99 \$374.26 \$5.49 \$9.15 \$-\$1.59 \$-\$2.26 \$41.12 \$0.000 \$0.00																			
Apr-20 2011-2020 C2 0.18% S164.24 S89.99 S374.26 S5.49 S0.15 S-1.59 S-2.26 S1.12 S0.00 S0.	Feb-20																		
May-20 2011-2020 Q2 0.00% \$0.00 \$0																			
Jul 20 2011-2020 C2 0.00% S0.00 S0																			
Jul 20 2011-2020 Q3 0.00% \$0.00 \$0																			
Aug-20 2011-2020 C3 0.00% S0.00 S0																			
Sep-20 2011-2020 Q3 0.00% S0.00 S0																			
Nov-20 2011-2020 Q4 0.00% \$0.00 \$0.0	Sep-20																		
Dec-20 2011-2020 Q4 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 \$0.00 \$0.00 \$0.00 \$13,467.7																			
		2011-2020	Q4	0.00%															
Amount Geared					\$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	\$13,467.7
	Assessment Oils																		



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.

6. Please removally provided by the ESO of this registed issues of the persistence report. As average adjustment would be destrifted with a prior year implementation in the fluxury year's res.

6. Please removally provided by the ESO.

	Results and Persistence into Future Years	

Portfolio	Program	Initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of Report	Identify Status of Savings	Net Verified Annual Pr	rak Demand Si	avings at	the End-Uses	Level (kW										
					Resource Type	Year																	
									AND	ww		m	w	ww	w	nn	un	m	ww	w	m	m	444
Tier 1		Appliance Exchange Appliance Retirement	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		tt.	2011	2011 Results Persistence 2011 Results Persistence	Current year savings	3 3 41 41	41	1		0;		0		0	- 0			0		0. 0
Tier 1	Consumer	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation	Residential	tt	2011	2011 Results Persistence	Current year savings	11 11	22	11	26 10	9	8	9	4	1	1	1	1	1	0	0 0
Tier 1	Consumer	Conservation Instant Coupon Booklet HVAC Incentives	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	EE	2011	2011 Results Persistence 2011 Results Persistence	Current year savings	7 7 405 405	7 405	405	405	405	6 405 40	5 6 5 405	405	405	405	405	405	405	405	405 405
Tier 1 Tier 1	Business Business	Demand Response 3 (part of the Industrial prog Direct Install Lighting	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	DR EE	2011	2011 Results Persistence 2011 Results Persistence	Current year savings Current year savings	402 0 92 91	91	80	80	80	11 1	1 11	11	10	10	0				0 0
Tier 1	Business Industrial	Retrofit Demand Response 3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Industrial	DR DR	2011	2011 Results Persistence 2011 Results Persistence	Current year savings	57: 57 1,686: 0	57	57	57	57:	57 5	7 31	31	31	31	1	1			0: 0:
Tier 1	Industrial	Retrofit Clectricity Retrofit Incentive Program	Situewater Power Distribution Corporation		tt		2011 Results Persistence 2011 Results Persistence	Current year savings	23 23 432 432	23 432	412	23 432	23 432	23 2 432 43	23	23 432	23 432	23 432	412				0 0
Tier 1	Pre-2011 Proj	High Performance New Construction Direct Install Lighting	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional	tt	2011	2011 Results Persistence	Current year savines	1 1	1 246	1 246	1	1 197	1		1	1	1	1	1	1	1	1 1
Tier 1	Business	Orect Instal Lighting Retrofit	Bluewater Power Distribution Corporation	CBI	tt 11	2012	2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings	0 294	292	292		291	263 26	2 262	258	247	226	226	68	68	68	13 13
Tier 1	Consumer	Appliance Exchange Appliance Retirement	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		EE	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings	0; 3 0; 24	24	24	22	12										0; 0;
Tier 1	Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	tt 23	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings	0 10 0 1	10	10	10	9	7	1 1	1	4 1	0	0	0	0	0	0 0
Tier 1	Consumer Home Assistar	HVAC Incentives Home Assistance Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	22		2012 Results Persistence 2012 Results Persistence		0 208 0 2	208	208	208	208	208 20	208	208	208	208	206	208 2	208	208	208 208 0 0
Tier 1	Industrial Pre-2011 Prop	Demand Response 3	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation		DR FF	2012	2012 Results Persistence	Current year savings	0 1,798 0 161	161	161	161	161	161 16	161	161	161	161	161				0 0
Tier 1	Business	High Performance New Construction Demand Response 3 (part of the Industrial prog Residential New Construction	Sluewater Power Distribution Corporation		DR	2012	2012 Results Pensistence 2012 Results Pensistence	Current year savings	0; 72	0	0	0	0;	0	0 0			0	0	0	0	0	0 0
Non-Tier 1	Industrial	Residential New Construction Demand Response 3 Demand Response 3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		DR	2012	2012 Results Persistence 2012 Results Persistence	Current year savings	63 152	0	0	0	0	0	0		0	0	0	0	0	0	0 0
Non-Tier 1 Tier 1 - 2011 Adjustment	Business	Retrofit	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Business C&I	DR EE	2011	2012 Results Persistence 2012 Results Persistence	Adjustment	14 14	14 11	14	14 10	14	13	0 0	0	0	0	0				0 0
Tier 1 - 2001 Adjustment Tier 1 - 2001 Adjustment Tier 1 - 2001 Adjustment	Business Consumer	Direct Install Lighting HVAC Incentives	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	CSI Residential	EE 23	2011	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment	11 11 -65 -65	11 -46	10 -46	10 -46	10 -46	-46 -4	46	-46	-46	-46 0	-46 0	-46	-46	-46	-65 -65
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Consumer	NVAC Incentives Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	22	2011	2012 Results Persistence 2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment	0 0		0	1 0	0	0	0 0	0	0	0	0	0	0	0	0 0
LDC	Business Business	OR-3 Retrofit	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		22 23	2013 2012	2013 Results Persistence 2013 Results Persistence	Current year savings	0 0 0 48	195 48	45	48	46	38 3	7 37	33	31	28	28 178		0	0	0 0
LDC	Business	Retrofit Small Business Lighting	Elluewater Power Distribution Corporation	Commercial & Institutional	EE TE	2013	2013 Results Persistence 2013 Results Persistence	Current year savings	0 0	244	234			203 20	200	200	199	190	1		118	63	63 55
LDC	Business	Small Business Lighting	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional	tt.	2013	2013 Results Persistence	Current year savings	9 9	134	134	131	117	41 4	41	41	41	41	40	33			0 0
LDC	Consumer	Appliance Exchange	Bluewater Power Distribution Corporation		11	2013	2013 Results Persistence	Current year savings		17	17	17 16	17	0					- 9		0		0 0
LDC	Consumer	Appliance Retirement Bi-Annual Retailer Events	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	tt	2013	2013 Results Persistence 2013 Results Persistence	Current year savings		8 28	8 27	7 27	6 26	6 26 2	5 6	6 25		5 15	4	2 13	2	2 11	2 2
LDC	Consumer	Home Assistance Program HVAC	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE .	2013 2012	2013 Results Persistence	Current year savings Adjustment	0 1		27 1 170			26 2 1 170 17					13 1 170		11 1 170	11 1 170	2 2 1 1 170 170
LDC	Consumer	HVAC DR-3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		DR.	2013 2013	2013 Results Persistence	Current year savings Current year savings	0 0	1,733	170	170	170	170 17	170	170	170	170	170	170	170	170	170 170
Non-LDC LDC	Industrial Consumer	09-3 Appliance Retirement WAC	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial Residential	DR EE	2013 2013	2013 Results Persistence 2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings	0 0	62 0	0	0	0	0									0 0
LDC	Consumer Business	NVAC Direct Install Lighting	Bituewater Power Distribution Corporation Bituewater Power Distribution Corporation	Residential Commercial	22	2012 2014	2013 Results Persistence 2014 Results Persistence	Adjustment Current year savings	0 0		189	0 183 44	0 168 44	0 116 11	0 0 5 116	0 116	0 116	116	0 116	0 115	26	0	0 0
LDC	Business	Energy Audit High Performance New Construction	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial	tt tt	2013	2014 Results Persistence 2014 Results Persistence	Adjustment	0 0	44	189 44 4	44	44	4		4	4	4	2	2	2	2	2 0
LDC	Business	Retrofit	Elluewater Power Distribution Corporation	Commercial	22		2014 Results Persistence	Adjustment Adjustment	0 21	21	21	16	16	14 1	14	13	13	12	12	9	1	1	1 1
LDC	Business Business	Retrofit	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial	11			Current year savings	0 0		46 248	46 248	46 248	44 4 241 24 12	241	44 237	44 237	44 233	44 216	44 193	11 190	9 146	9 9 126 126
LDC	Consumer	Appliance Exchange Appliance Retirement Appliance Retirement	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	tt	2014	2014 Results Persistence 2014 Results Persistence 2014 Results Persistence	Current year savings	0; 0		0	0	0	0									0 0
LDC	Consumer	Appliance Retirement	Sluewater Power Distribution Corporation	Residential	EE .	2014	2014 Results Persistence	Current year savings	0: 0		6	6	6	6									0: 0:
LDC	Consumer	Appliance Retirement Bi-Annual Retailer Event	Elluewater Power Distribution Corporation	Residential Residential	EE		2014 Results Persistence 2014 Results Persistence		0; 0	0; 0;	52	45	42	42 4	2 42	42	42	42	39	36	30	30	30 30
LDC	Consumer	Conservation Instant Coupon Booklet Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE EE	2013 2014	2014 Results Persistence 2014 Results Persistence	Adjustment Current year savings	0; 0	0	0	0 14	0 13	0 13 1	0 0	13	13	13	12	9	9	9	0 0
LDC	Home Assistan	Home Assistance Program Home Assistance Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	11	2012	2014 Results Persistence 2014 Results Persistence	Adjustment	0: 0	0;	0	0	0	0	0 0	. 0	0	0	0	0:	0	0	0: 0:
LDC	Home Assista Consumer	Home Assistance Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	00	2014	2014 Results Persistence	Current year savings	0: 0	0		7	7	7	7 7	7	7			5	- 5	- 1	3 1
LDC	Consumer	HVAC Incentives Basidential New Construction	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Basidential	22	2014 2012	2014 Results Pensistence 2014 Results Pensistence	Current year savings	0 0	0	199	199	199	199 19	199	199	199	199	199	199	199	199	199 199
LDC	Consumer	Residential New Construction Residential New Construction	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential	tt	2013	2014 Results Persistence	Adjustment	0; 0	2	2	2	2	2	2 2	2	2	2	2	2	2	1	1 1
LDC	Industrial	PSUI LDC Plots	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial	EE .	2014	2014 Results Persistence 2014 Results Persistence 2014 Results Persistence	Current year savings	0: 0		53	53	53	53 5	53	53	53	51	51	0:	0	0	0: 0
LDC	Other	Time-of-Use Savings	Sluewater Power Distribution Corporation	Other	DR	2014	2014 Results Persistence	Current year savings	0, 0		439 86												0: 0
non-Tier 1 Tier 1		Demand Response 3 Demand Response 3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		DR DR	2014	2014 Results Persistence	Current year savings Current year savings	0 0		304												0 0
Tier 1	Industrial Industrial	Demand Response 3 Energy Managers Loblaw PAP Conservation Fund Pilot Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial Industrial	DR EE	2012	2014 Results Persistence 2014 Results Persistence	Adjustment	0 0 0 10	10	1,700	10	10	10 1	10	10	10	10	10	10	10	10	0 0 10 10
LDC		Loblaw PAP Conservation Fund Pilot Program Appliance Retirement Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		22	2015 2015	2015 Results Persistence 2015 Results Persistence	Current year savings	0 0	0	0	50 10	50 10	50 S	50	50	50	50	50	50			0 0
LDC	Consumer	Coupon Initiative Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	22	2015	2015 Results Persistence 2015 Results Persistence	Current year savings	0; 0			21 40	21	21 2 40 4	21	21	21 40	21 40	21 40	21 40	18	18	18 18 32 31
LDC	Consumer	HVAC Incentives Initiative Efficiency: Equipment Replacement Incentive In	Bluewater Power Distribution Corporation	Residential	22	2015	2015 Results Persistence	Current year savings	0: 0			204	204: 306	204 20 297 29	204	204	204	204 290	204 289	204 265	204	204	32 31 204 204 174 139
LDC	Eusiness	Direct Install Lighting and Water Heating Initiativ	Silvewater Power Distribution Corporation	Commercial & Institutional	tt	2015	2015 Results Persistence 2015 Results Persistence	Current year savings	6 6			66	57	38 3 19 1	38	38	38	38	38	38	204 37	203 11	0 0
LDC	Industrial Industrial	Process and Systems Upgrades I nitiatives - Proj Process and Systems Upgrades I nitiatives - Ener	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial Industrial	EE	2015 2015	2015 Results Persistence	Current year savings	0 0			19 8	19 8	19 1 8	19	19 8	19 8	19 8	19 6	19 6			0 0
LDC	Consumer	Low Income Initiative Coupon Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional	tt 23	2015 2015	2015 Results Persistence 2016 Results Persistence	Adjustment	0 0			6 1	1	3	1 3	6 3	6	1	5	5	3	3	5 5 3 3
LDC	Consumer	Bi-Annual Retailer Event Initiative NVAC Incentives Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE EE	2015 2015	2016 Results Persistence 2016 Results Persistence	Adjustment Adjustment	0 0			2	2	2	2 2	2	2	2	2	2	2	2	2 2
LDC	Business Business	Officiency: Equipment Replacement Incentive In Docting Building Commissioning Incentive Initial	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	22	2015 2015	2016 Results Persistence 2016 Results Persistence	Adjustment	0; 0			16	16	16 1	1 1	16	1 16	16	16	16			0; 0
LDC	Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE EE	2016	2016 Results Persistence	Current year savings	0: 0	0			178	178 17 176 17	1 178	178	178	17E	178	178	177 176	171 176	171 171 176 176
LDC	Consumer Susiness	Save on Energy Heating & Cooling Program Save on Energy Home Assistance Program Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	er er	2016	2016 Results Persistence 2016 Results Persistence 2016 Results Persistence	Current year savings	0 0		0		1	1	1 1	1	1	1	1	1	1	176	1 1
LDC	Business	Save on Energy Audit Funding Program Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		tt.	2016 2016	2016 Results Persistence 2016 Results Persistence 2016 Results Persistence	Current year savings					152	2 148 14	148	148	148	148	2 148	2 148	2 148	147	105 19
LDC	Consumer	Home Depot Home Appliance Market Uplift Con	situewater Power Listricution Corporation	Commercial & Institutional Residential	EE.	2016 2016	2016 Results Persistence	Current year savings	0 0	9	0		4	0		. 4 . 34			42		0	0	0 0
LDC	Business Business	Officiency: Equipment Replacement Incentive In Direct Install Lighting and Water Heating Initiative	Siluewater Power Distribution Corporation Siluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	EE 23	2015	2017 Results Persistence 2017 Results Persistence	Adjustment Adjustment	0 0			23 -30	23 -22	34 3 -2				42		40		2	0 0
LDC	Consumer	Save on Energy Coupon Program Save on Energy Heating & Cooling Program Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE 23	2016 2016	2017 Results Persistence 2017 Results Persistence 2017 Results Persistence	Adjustment Adjustment	0 0				19 2	19 1				19 2	19 2 750	19 2	19 2	19 2	19 19 2 2
LDC	Business 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 EE	2016	2017 Results Persistence 2017 Results Persistence	Adjustment Adjustment	0 0	0			658 1	1 75	757	757 1	750 1	750 1	750	749 1	749 1	747 1	213 49 1 0
LDC	Industrial	Save on Energy Energy Manager Program Save on Energy Coupon Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial	tt tt	2016	2017 Results Persistence 2017 Results Persistence	Adjustment	0 0					228 18	184		184	184	184	184	184	184	0 0 174 174
LDC	Consumer	Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation	Residential Residential	tt rr	2017	2017 Results Pensistence	Current year savings Current year savings	9 9					187 13	136	136	135	136	136	136	116	116	129: 129
LDC	Consumer	Save on Energy Heating & Cooling Program Save on Energy Home Assistance Program Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Commercial & Institutional	tt tt	2017	2017 Results Persistence 2017 Results Persistence 2017 Results Persistence	Current year savings Current year savings			0			149 14 29 2	149 2 29	149 29	149 29	149 29	149 29		149 29	149 28	149 149 2 2
LDC	Business	Save on Energy Audit Funding Program Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	Elluewater Power Distribution Corporation	Commercial & Institutional	EE	2017	2017 Results Persistence	Current year savings	0 0		000			6 681 75 13 1	5 6 1 754	754 13	754 20	741	741	741	737	727	717 389 6 5
LDC	Industrial	Save on Energy Energy Manager Program	Bluewater Power Distribution Corporation	Industrial	tt	2017		Current year savings	0 0		0								0		0		0 0
LDC	Consumer	Instant Savings Local Program Whole Home Pilot Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	<u> </u>	22	2017 2017	2017 Results Persistence 2017 Results Persistence	Current year savings Current year savings	0 0					81 8 12 1	III 12	81 12	81 12	81 12	81 12	81 12	81 12	81 12	0 0 12 12
LDC	Eusiness Consumer	Ontario Clean Water Agency PAP Conservation I Save on Energy Heating and Cooling Program Save on Energy Instant Discount Program	Biluewater Power Distribution Corporation Biluewater Power Distribution Corporation	Residential	EE .	2017 2018 2018	2017 Results Persistence	Current year savings Current year savings	0 0					4 6	4	4 68	4	4	4	4	4	- 4	4 4
LDC	Consumer	Save on Energy Instant Discount Program Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	22	2018 2018		Current year savings Current year savings								80							
LDC	Business Business	Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	Silvewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	EE 23	2018 2018		Current year savings Current year savings						85		904 1							
LDC	Business	Save on Energy Existing Building Commissioning Instant Savines Program	Silvewater Power Distribution Corporation	Commercial & Institutional	tt rr	2018		Current year savings Current year savings						1 5		16 55							
LDC	Eusiness	Save on Energy Retrofit Program Save on Energy Coupon Program	Sluwwater Power Distribution Corporation Sluwwater Power Distribution Corporation Sluwwater Power Distribution Corporation	Commercial & Institutional	2016 Adj	2018 2018 2018		Adjustment					2	2	2	2							
LDC	Consumer	Save on Energy Heating and Cooling Program	Sluewater Power Distribution Corporation	Residential	2017 Adj.	2018		Adjustment						10 1	10	10							
LDC	Eusiness	Save on Energy Smart Thermostat Program Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	commercial & Institutional Commercial & Institutional	2017 Adj. 2017 Adj.	2018 2018		Adjustment Adjustment						259 28	289	289							

Ontario Energy Board Supporting Documer
LDC Persistence Savings Re
Venton.

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

Columns B in H of this stall have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and passite the program information by initiative in 2. Please identify the source of the support with the opposite in the Column I.

 The Inclusine is destinated in despitiors are many to available in an prospective year's results report, it will be assisted to not all the source give injuries are presented by any Column H. This can be d

 Please identify what the source, was represented (i.e., coretry year savings for they are or an adjustment to a prior year) visit an opposition in Column I. Correctly year savings would be identify report.

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

Name	Portfolio	Program	initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of Report	Identify Status of Savings											\neg
Column						Resource Type	Year													
Column										M	w	ww	ww	w	w	MAN	w	w	ww	£
Column	Tier 1			Bluewater Power Distribution Corporation	Residential	11	2011	2011 Results Persistence		0	0;	0	0			9		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					- 6
Column	Tier 1 Tier 1	Consumer Consumer	IVAC Incentives			tt 23	2011	2011 Results Persistence	Current year sayings	311					0					8
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 22			Current year savings						0					0
Column	Tier 1	Business	Retrofit	Silvewater Power Distribution Corporation		22	2011	2011 Results Persistence	Current year savings						0					0
Column	Tier 1		Datrofit	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	Bluewater Power Distribution Corporation	Commercial & Institutional	tt.	2011	2011 Results Persistence	Current year savines	1	1	1	1	1	1	1				
Column	Tier 1 Tier 1	Business Business	Direct Install Lighting Retrofit	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	CBI	tt 23		2012 Results Persistence 2012 Results Persistence	Current year savings Current year savings	11	13	13			0					- 0
Column	Tier 1 Tier 1	Consumer	Appliance Exchange Appliance Retirement	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE .	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings						0					0
Column	Tier 1 Tier 1	Consumer	S-Annual Retailer Event Conservation Instant Coupon Booklet	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	22	2012 2012	2012 Results Persistence 2012 Results Persistence	Current year savings			0			0					0
Column	Tier 1	Consumer	IVAC Incentives Forme Assistance Program		Residential Besidential	ee er	2012	2012 Results Persistence	Current year savings	208	159	0	0		0					
Column	Tier 1	Industrial	Demand Response 3			DR er	2012	2012 Results Persistence	Current year savings			0			0					0
The column	Tier 1	Business	Demand Response 3 (part of the Industrial progr	Bluewater Power Distribution Corporation	CBI	DR.	2012	2012 Results Persistence	Current year savings						0					
The column The	Non-Tier 1		Demand Response 3	Bluewater Power Distribution Corporation	Industrial	DR	2012	2012 Results Pensistence	Current year savings	0					0					0
Column	Non-Tier 1 Tier 1 - 2011 Adjustment	Business	Demand Response 3 Retrofit	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Business C&I	DR EE	2012 2011	2012 Results Persistence	Adjustment						0					0
Column	Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Eusiness Consumer	Sirect Install Lighting IVAC Incentives	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	C&I Residential	22	2011 2011	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment	-39					0					- 9
Section Control Cont	Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Consumer	S-Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE 23	2011 2011	2012 Results Persistence 2012 Results Persistence	Adjustment Adjustment						0					9
Section Column	LDC	Business	Retrofit	Sluewater Power Distribution Corporation	Commercial & Institutional	DR EE	2012	2013 Results Persistence	Adjustment											9
Section Manual	LDC	Business Business	Small Business Lighting	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	tt	2013 2012	2013 Results Persistence 2013 Results Persistence	Adjustment	12	9	9	9		0					0
Section Control Cont	LDC	Business Consumer	Small Business Lighting Annual Coupons			tt tt				2	0	1	0		0					
Column	LDC	Consumer	Appliance Retirement	Elisewater Drawer Distribution Connecation	Davidsovial .	EE .	2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings		0				0					. 0
Column	LDC	Consumer	Bi-Acquai Retailer Events	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	EE	2013	2013 Results Persistence 2013 Results Persistence	Current year savings	2	1 2	1 2	1 2	2	0					0
Column	LDC	Consumer	NAC PAC	Sharwater Power Distribution Corporation	Residential Besidential	11	2012	2013 Results Persistence	Adjustment	1	1 170	122	9		0					0
Column	LDC	Industrial	98-3	Bluewater Power Distribution Corporation	Industrial	DR .	2013		Current year savings	.,,	0	0			0					
Column	NON-LUC LDC	Consumer	201-3 Appliance Retirement	ssuewater Power Distribution Corporation Silvewater Power Distribution Corporation	noustrial Residential	EE	2013 2013	2013 Results Persistence 2013 Results Persistence	Current year savings Current year savings	0	0	0								0
Column	LDC		Direct Install Lighting	Silvewater Power Distribution Corporation	Commercial	EE .	2012	2014 Results Persistence	Current year savings			0			0					
Column	LDC	Euriness	High Performance New Construction	Silvewater Power Distribution Corporation	Commercial	EE	2013	2014 Results Pensistence	Adjustment						0					- 8
Column	LDC	Business Business				22	2012 2013	2014 Results Pensistence	Adjustment	1 6	1 5	5	5		0					9
Section Section Management Section Sec	LDC	Business Consumer	HEFORE			tt 23	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings	50	29	29	29	29	0					8
Column	LDC				Residential Residential	EE .	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings Current year savings						0					0
Column	LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation	Residential Basidential	11	2014 2014	2014 Results Persistence 2014 Results Persistence	Current year savings				0		0				0	0
Section Proceedings Proc	LDC	Consumer	Bi-Annual Retailer Event	Silvewater Power Distribution Corporation	Residential	22	2014	2014 Results Persistence	Current year savines	30	24	24	24	24						
Column C	LDC	Consumer	Conservation Instant Coupon Booklet	Sharwater Power Distribution Corporation	Residential	11	2014	2014 Results Persistence	Current year savings		4	4	4	4	Ö		0		0	
Column	LDC		Kome Assistance Program	Bluewater Power Distribution Corporation	Residential	11	2013	2014 Results Persistence	Adjustment	0	0	0	0	0	0					- 0
Column	LDC	Consumer			Residential	DR	2013	2014 Results Persistence	Adjustment	i	i	6	0	0	o .		0		0	
Column	LDC	Consumer	Residential New Construction	Bluewater Power Distribution Corporation	Residential	EE .	2012	2014 Results Persistence 2014 Results Persistence	Adjustment	199	199	0	1/3		0					
Column	LDC	Consumer	Residential New Construction	Bluewater Power Distribution Corporation	Residential	EE .	2014	2014 Results Persistence	Adjustment Current year savings	4	4	4			0					
The Control of Market Control of	LDC	Other	DC Pilots			tt	2014	2014 Results Persistence	Current year savings		0:	0	0		0		0		0	9
March Marc	non-Tier 1	Other Industrial	Demand Response 3	Bluewater Power Distribution Corporation	Industrial	DR DR	2014	2014 Results Persistence	Current year savings						0					9
Column	Tier 1 Tier 1	Industrial	Demand Response 3	Elisewater Drawer Distribution Connecation	[refustrial]	DR DR	2014	2014 Results Persistence	Current year sayings						0					9
Column C	Tier 1 LDC	Industrial Other		Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial Commercial & Institutional	tt 23	2012 2015	2014 Results Persistence 2015 Results Persistence	Adjustment Current year savings	10	10	10			0					8
Column	LDC	Consumer	Appliance Retirement Initiative Coupon Initiative	Silvewater Power Distribution Corporation	Residential	22	2015	2015 Results Persistence	Current year savings	0 16	18	7	7	7	7					0
Column Property Colu	LDC LDC	Consumer	S-Annual Retailer Event Initiative			ee er	2015	2015 Results Pensistence	Current year savings	204	204	704	204	184	12					0
Column	LDC					22	2015	2015 Results Persistence	Current year savings	139	108	51	51	51	51					
Column	LDC	Industrial	Sonners and Contamy Unerades Inditations - Drois	Bluewater Power Distribution Corporation	industrial	EE	2015	2015 Results Pensistence	Current year savings						0					0
Column	LDC	Other	low Income Initiative	Silvewater Power Distribution Corporation	Residential	11	2015	2015 Results Persistence	Current year savings	1	1	1	1	1	1					0
Column C	LDC	Consumer	Jupon instative S-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Silvewater Power Distribution Corporation	commercial & Institutional Residential	EE	2015 2015	2016 Results Persistence 2016 Results Persistence	Adjustment Adjustment	3 0		0	0	2	4					0
Column	LDC	Lonsumer Business	nvixi, incentives instatue Officiency: Equipment Replacement Incentive Int	ssuewater Power Distribution Corporation Bluewater Power Distribution Corporation	residential Commercial & Institutional	EE .	2015 2015	2016 Results Persistence	Adjustment Adjustment	0	0	0	0	0;	0					0
Company Comp	LDC	Business Consumer	Existing Building Commissioning Incentive Initiat Save on Energy Coupon Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Residential	11	2015 2016			171	148	148	67		0					0
Column C	LDC		lave on Energy Home Assistance Program		Residential Residential	11	2016 2016	2016 Results Persistence 2016 Results Persistence	Current year savings Current year savings	176	176 1	176	176	176	160	1 0				0
Column	LDC	Business	lave on Energy Audit Funding Program	Silvewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	tt	2016 2016		Current year savings	19	11				0					0
Column	LDC	Eusiness			Commercial & Institutional	tt			Current year savings											
Section Sect	LDC LDC	Business	Officiency: Equipment Replacement Incentive In	Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	tt	2015	2017 Results Persistence		3	3	3	3	3	3					0
Column C	LDC	Consumer	lave on Energy Coupon Program	Elluewater Power Distribution Corporation		23	2015	2017 Results Pensistence	Adjustment			16	7		0					0
Company	LDC	Business		Elluewater Power Distribution Corporation	Commercial & Institutional	11	2016 2016		Adjustment	49	12	0								0
Company Comp	LDC	Industrial	lave on Energy Energy Manager Program	Silvewater Power Distribution Corporation	Industrial	tt	2016	2017 Results Persistence	Adjustment		0	0			0					0
Company	LDC	Consumer	lave on Energy Instant Discount Program	Silvewater Power Distribution Corporation		tt			Current year savings	129	109	109	150 85	67	0					0
	LDC	Consumer	lave on Energy Home Assistance Program	ssuewater Power Distribution Corporation Silvewater Power Distribution Corporation	sessential Residential	EE 23	2017 2017	2017 Results Persistence 2017 Results Persistence	Current year savings Current year savings	149 2	149 2	149	149	149	2 13	2				
Section Sect	LDC	Business	lave on Energy Retrofit Program	Silvewater Power Distribution Corporation	Commercial & Institutional	EE 23	2017	2017 Results Persistence	Current year savings	и	17	9			0					9
Compared Proceedings Compared Compar	LDC		lave on Energy Energy Manager Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	ommercial & Institutional Industrial	22	2017	2017 Results Pensistence	Current year savings	0					0					9
Company Comp	LDC	Consumer Consumer	Whole Home Pilot Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation		11	2017	2017 Results Persistence	Current year savings	12	0 12	12	11	11	11 1	0				0
Section Sect	LDC	Eusiness Consumer	Ontario Clean Water Agency PAP Conservation F lave on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	EE .		2017 Results Pensistence	Current year sayings	4	4	4								0
	LDC	Consumer	Save on Energy Instant Discount Program Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	22	2018		Current year savings							-				
Section Sect	LDC	Business Business	lave on Energy Retrofit Program	Eluewater Power Distribution Corporation Eluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	tt tt	2018 2018		Current year savings											
ISC Autom on a to Energy Statistic Program Control Con	LDC	Consumer	lave on Energy Existing Building Commissioning Instant Sevines Program	Silvewater Power Distribution Conporation	Commercial & Institutional	EE .	2018		Current year savings							-				
SC control of the Part of the	LDC			Silvewater Power Distribution Conporation	Commercial & Institutional Residential	2016 Adj 2017 Adi.	2018 2018		Adjustment Adjustment											
Constitution for an energy area constitution of the constitution o	LDC	Consumer	lave on Energy Heating and Cooling Program	Silvewater Power Distribution Corporation	Residential	2017 Adj.	2018													
	LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	2017 Adj.	2018		Adjustment							1				

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 formatting of the persistence report provided by the IESD. Please copy and paste the program information by initiative in 2. Please identify the source of the report wis the oppositual to Inc.Column I.

3. To facilitate the information of adjustments in your by a valisable in an prospective year's results report, it will be saider to sort of the savings by implementation year (Column H). This can be of 4. Please identify what the savings value represents (i.e., current year savings for the year or on adjustments to a price year's value of people in the Inc.Column I. Current year savings would be iden.

5. Please removally and or in the applicable way and adjustments (Column II. Stiff) and algorithms in 15 th of 4 or this work form.

NOTE: The Net Verified PasiA Cumand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab.4 and Tab.5. The tables I

Step: Portfolio		ram Results and Persistence into Futu Initiative	LDC	Sector	Conservation Resource Type	#2 (Implementation) Year	#2 Identify Source of Repor	at t Identify Status of Savings	#2 Net Verified Ann	aal Energy Sas	rings at the En	i-User Level (kWh)																						
									2	3	N.	3	AA	a	N.	N.	3	a.	N.	3	a.	2	2	a.	2	as .	N.	8	8	8	2 2	1 2	1 1		2 2
Tier 1		Appliance Exchange	Bluewater Power Distribution Corporation	Residential	tt.	20	011 2011 Results Persistence 011 2011 Results Persistence	Current year savings	3,826 288,762 189,856	1,826	3,826 288,762 189,856 121,767 748,470	1,957	200 (11)	-	- 0				0	05	0.		S		- 0	-	-						0. 0		
Tier 1 Tier 1	Consumer	Appliance Retirement Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Shawwater Power Distribution Corporation Shawwater Power Distribution Corporation Shawwater Power Distribution Corporation	Residential Residential Residential	EE	20	2011 Results Persistence	Current year savings	189,856 121,767	189,856	189,856	189,856 121,767	173,514 111,968	155,662 101,262			151,125 99,051		17,461 12,126	15,371 9,888 748,429	15,371 9,888	11,352 9,111	11,352 9.111	10,314 8,856	- 0					0	- 8				
Tier 1 Tier 1	Consumer Business	WAC Incentives Demand Response 3 (part of the Industrial pro	Elluewater Power Distribution Corporation of Elluewater Power Distribution Corporation	Residential Commercial & Institutional	DR DR	20	2011 Results Persistence 2011 2011 Results Persistence 2011 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	748,429	748,429	748,429	748,429	683,804	- 0							
Tier 1 Tier 1	Business	Direct Install Lighting Retrofit Demand Response 3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	22	20 20	2011 Results Persistence 211 2011 Results Persistence 211 2011 Results Persistence	Current year savings	15,695 238,084 325,703	237,601 325,703	237,601 325,703	205,599 325,703	205,005 325,703	204,888 325,703	30,465 325,703	30,465 325,703	30,465 210,011	30,465 210,011	25,964 210,011	25,964 210,011	37,217	37,217													
Tier 1 Tier 1	industrial industrial	Demand Response 3 Retrofit	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Industrial Industrial	DR EE	20	211 2011 Results Persistence 211 2011 Results Persistence 211 2011 Results Persistence	Current year savings Current year savings	98,938 156,003	154,003	156,003	156,003	156,003	156,003	156,003	156,003	156,003	156,003	156,003	156,003			9					9				0			
Tier 1 Tier 1	Pre-2011 P	rog Electricity Retrofit Incentive Program rog High Performance New Construction Direct Install Liebting	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	22	20	2011 Results Persistence	Current year savings	3,122,745 3,379	3,122,745 1,379 886,133	3,122,745 3,379 885,883	3,122,745				3,122,745 3,379 140,461		1,122,745 1,122,745 1,379 135,748	3,122,745 3,379 136,748	3,122,745	3,122,745	1,379	1,179	3,379	1,379	3,379	3,379	1,179	3,379	1,379	3,379 1	1,179 1	379 3,379		
Tier 1	Business Consumer	Retrofit Appliance Exchange	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	CSI Basidonial	EE .	20	2012 Results Persistence 212 2012 Results Persistence 212 2012 Results Persistence	Current year savings					1,414,204 5,117 158,727	1,414,204	1,323,944	1,319,985	1,319,985	1,299,288	1,245,903	1,136,532	1,136,532	193,957	193,957	193,957	39,567	39,567	19,567	29,567	19,567						
Tier 1 Tier 1	Consumer	Appliance Retirement Bi-Annual Retailer Event	Elluewater Power Distribution Corporation Elluewater Power Distribution Corporation	Residential Residential	22					5,205 160,470 173,021	5,205 160,470 173,021	5,205 160,470 173,021	123 021	94,922 155,535	126,472	86,267	86,088	85,088	43,726	32,450	31,442	31,442	29,247	29,247	28,847	8,094	8,094	8,094	8,094						
Tier 1 Tier 1	Consumer Consumer	Conservation Instant Coupon Booklet WVAC Incentives	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Residential	22	20	212 2012 Results Persistence 212 2012 Results Persistence 212 2012 Results Persistence 212 2012 Results Persistence	Current year savings Current year savings		9,033 351,058 28,761	9,033 351,058 28,761	9,033 351,058	9,033 351,058	8,897 351,058	8,897 351,058 28,761	4,190 351,058	4,167 351,058 28,761	4,167 351,058	4,167 351,058	677 351,058 12,332	545 351,058	545 351,058	468 351,058	468 351,058	451 351,058	351,058	351,058	307,437							
Tier 1	Home Assis Industrial Pre-2011 P	Demand Response 3	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential Industrial	DR DR	20	012 2012 Results Persistence 012 2012 Results Persistence	Current year savings Current year savines												12,332 825,446		12,332	12,332	1,532	1,266	1,266	1,266	1,266	1,266	1,256	0	0			
Tier 1 Tier 1	Business	Demand Response 3 (part of the Industrial pro	Sluewater Power Distribution Corporation of Sluewater Power Distribution Corporation	CSI CSI	DR DR	20	2012 Results Persistence 212 2012 Results Persistence	Current year savings		1,050 362 1,515										825,446; 0 362		0;	9	150	0	47	0;					0			
Non-Tier 1 Non-Tier 1	Industrial	Demand Response 3	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	industrial Serines	DR DR	20	2012 Results Persistence 212 2012 Results Persistence	Current year savings		1,515 2,211										0	0	0.00	150	0.0	0	0.0	- 4/								
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Susiness	Retrofit Direct Install Lighting	Ellurwater Power Distribution Corporation Ellurwater Power Distribution Corporation	CBI	EE	20	2012 Results Persistence 211 2012 Results Persistence 211 2012 Results Persistence	Adjustment Adjustment	118,887 25,700 -86,283 14,106 1,781	118,887 25,700	118,887 25,700	118,636 23,687	118,636 23,687	118,636 23,571	109,579	727 3.316	727 3,336 86,283 6,919 997	727 1.316	257 2.927	257 2.927					- 0										
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Consumer Consumer	NVAC Incentives Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	33	20	011 2012 Results Persistence 011 2012 Results Persistence	Adjustment Adjustment	-86,283 14,106	-86,283 14,106	-86,283 14,106	-86,283 14,106	-86,283 14,106	-86,283 12,818	-86,283 6,920	-86,283 6,919	-86,283 6,919	-86,283 1,526	-86,283 1,282	-86,283 1,178 116	-86,283 1,178	-86,283 977	-86,283 977	-86,283 976	-86,283 0	-86,283	-79,278								
Tier 1 - 2011 Adjustment LDC	Consumer Business Business	Conservation Instant Coupon Booklet 09-3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		DR.	20	011 2012 Results Persistence 013 2013 Results Persistence	Adjustment Current year savings	1,781	1,781 0 234,504	1,781 3,056	1,781	1,781	1,627	998	997	997	251	159 181,650																
LDC	Business	Retrofit Retrofit Small Business Lighting	Stuewater Power Distribution Corporation Stuewater Power Distribution Corporation Stuewater Power Distribution Corporation	Commercial & Institutional	12	20	2013 Results Persistence 212 2013 Results Persistence 212 2013 Results Persistence 213 2013 Results Persistence 213 2013 Results Persistence	Current year savings		24 206	118,887 25,700 -86,283 14,106 1,781 3,056 234,504 1,155,943 24,256 450 084	1,125,306 24,296	1,093,173	1,092,091	1,028,583	1,016,711	1,016,711	1,016,269	181,650 1,012,819 2,816	167,652 957,236 2,619	167,652 872,059 2,619	E68,395	511,141	361,438	761 361,418	304,152	36,016	28,128	28,128	28,128					
LDC LDC	Business Consumer	Small Business Lighting Annual Coupons	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Residential	11	20	2013 Results Persistence 213 2013 Results Persistence 213 2013 Results Persistence 213 2013 Results Persistence	Current year savings Current year savings		0	49,794	49,794	47,875	40,560	147,009 40,560	202,119 1,016,711 2,816 147,009 40,560	147,009 40,560	1,016,269 2,816 147,009 40,527	147,009 29,470	147,009 29,470	138,535 26,795	110,295 26,414	25,414	26,305	26,305	26,283	25,471	14,951	14,951	14,951	0	0			
LDC LDC	Consumer	Appliance Exchange Appliance Retirement BLAcoust Retailer Exerts	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation		22	20 20	013 2013 Results Persistence 013 2013 Results Persistence 013 2013 Results Persistence	Current year savings Current year savings																				9.							
LDC	Consumer Consumer	Home Assistance Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE EE	20	2013 Results Persistence	Current year savings		0 1,967	98,076 110,989 295,752 1,967 280,188	98,076 110,989 291,581 1,967 280,188	98,076 104,302 291,302 1,967 280,188	97,461 81,480 265,101 1,967 280,188	59,460 81,480 252,586 1,967 280,188	81,480 241,052	81,480 236,001 1,967 280,188	234,304	68,439 106,397	68,439 103,170 1,967 280,188	59,553 93,634 1,967 280,188	38,287 93,634	38,287 85,327	16,266 85,327	36,266 17,327	36,007 12,628	31,080 12,628	18,243 12,628	18,243 12,628	18,243 12,628	12,628	9			
EDC EDC	Consumer	10/AC	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential Residential	EE CE	20	012 2013 Results Persistence 013 2013 Results Persistence 013 2013 Results Persistence	Current year savings		1,997	280,188 29,469	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	290,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	236,896				0 0	0 0	
Non-LDC LDC	Industrial Consumer Consumer	08-3 Appliance Retirement	Eluewater Power Distribution Corporation Eluewater Power Distribution Corporation	Industrial Residential	DR EE	20	2013 Results Persistence	Current year savings			2,384 40	40	40	40	0 21			- 8					- 8					- 8							
LDC	Consumer Business	NVAC Direct Install Lighting	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Commercial	22	20	011 2013 Results Persistence 012 2013 Results Persistence 014 2014 Results Persistence	Adjustment Current year savings		54	54 242,415	54 703,764 242,415	54 682,709 242,415	54 620,101	54 448,199	54 448,199	54 448,199	54 448,199	54 448,057	54 448,057	54 448,057	54 442,892	54 121,850	54 0	54	54	54	50		0		0			
LDC	Business Business	Energy Audit High Performance New Construction	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial Commercial	EE CC	20	2014 2014 Results Persistence 2012 2014 Results Persistence 2013 2014 Results Persistence	Adjustment Adjustment		97.168	242,415 16,375 97,168	242,415 16,375 96,219	242,415	242,415 16,375	16,375	16,375	16,375	16,375	16,375	16,375 48,667	6,347	6,347	6,347	6,347	6,347	3.763	- 150	2.162	2.162	9					
LDC	Business	Retrofit	Eluewater Power Distribution Corporation	Commercial	11	20	212 2014 Results Persistence 213 2014 Results Persistence 214 2014 Results Persistence	Adjustment Current year swines			283,776	281,889 2.142,310	281,889	281,889	276,577	276,577 2.118,746	276,577 2.118.746	275,051	274,207 2.093,600	16,375 48,667 274,207 1,892,603	253,529 1,730,789	240,872 1.447,456	18,758 1,253,409	6,347 3,453 8,827 962,421	8,827 892,485	2,362 8,827 892,485	5,456 416,958	4,646 98,970	4,646 98,970	4,646 98,970	98.970	- 3			
LDC LDC	Consumer	Retrofit Appliance Exchange Appliance Retirement	Shawater Power Distribution Corporation Shawater Power Distribution Corporation Shawater Power Distribution Corporation		23	20	214 2014 Results Persistence 214 2014 Results Persistence 214 2014 Results Persistence	Current year savings Current year savings				2,142,310 22,166 313 7,258	22,166 313 7,258	22,166 313 7,258	22,166																				
LDC LDC	Consumer	Appliance Retirement Appliance Retirement	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	23	20	2014 2014 Results Persistence 214 2014 Results Persistence	Current year savings Current year savings				7,258 43,375	7,258; 43,375	7,258 43,375	7,258 43,375																				
LDC	Consumer	Bi-Annual Retailer Event	Elluewater Power Distribution Corporation Elluewater Power Distribution Corporation	Residential Residential	22	20	014 2014 Results Persistence 014 2014 Results Persistence	Current year savings Current year savings	0;	06	0:	49,827 794,005	49,827 688,791	49,827 633,959	49,827 631,959	49,827 631,959	633,959	633,959	633,685	631,685	589,362	572,972	484,510	484,510	477,572	477,572	476,897	387,686	387,686	387,686	387,686	06	0; 0	0: 0:	0
LDC		Conservation Instant Coupon Booklet Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		22	20	211 2014 Results Persistence 214 2014 Results Persistence	Adjustment Current year savings	01	2.008	2,008	192,635	179,447	173,094	173,094	173,094	173,094	173,094	172,777	172,777	100 148,470	137,640	136,023	100 136,023	135,260	135,260	135,109	60,137	53 60,137	60,137	60,137		01 01	01 01	
LDC		star Kome Assistance Program star Kome Assistance Program star Kome Assistance Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE EE	20	2014 Results Persistence 2012 2014 Results Persistence 2013 2014 Results Persistence 2014 2014 Results Persistence	Adjustment Current year savings		0	2,022	2,022 79,269	2,022	1,959 74,860	1,928	1,896 71,137	1,896	1,896	901 68,013	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	60,117 60,117 4,431 4	4,431			
LDC	Consumer	NVAC Incentives NVAC Incentives	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential Residential	DIR EE						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	Sharwater Power Distribution Corporation Sharwater Power Distribution Corporation Sharwater Power Distribution Corporation	Residential Residential	EE	20	014 2014 Results Persistence 012 2014 Results Persistence 013 2014 Results Persistence	Adjustment Adjustment		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		01	- 0	0	0: 0	0: 0:	0
LDC LDC	Consumer Industrial Cebar	Residential New Construction PSUI LDC Blinks	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential Industrial	22	20	214 2014 Results Persistence 214 2014 Results Persistence 214 2014 Results Persistence	Current year savings Current year savings	0;	05 02	0:	2,546 460,217 337,666	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	05		- 9	0: 0		0
LDC non-Tier 1	Other	Time-of-Use Savings Demand Response 3	Elluewater Power Distribution Corporation Elluewater Power Distribution Corporation	Other	DR DR	20	214 2014 Results Persistence	Current year savings																											
Tier 1 Tier 1	Business Industrial	Demand Response 3 Demand Response 3	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial Industrial	DR DR	20	014 2014 Results Persistence 014 2014 Results Persistence	Current year savings Current year savings	0																				B.280						
Tier 1 LDC	Other	Energy Managers Loblaw PAP Conservation Fund Pilot Program			EE .	20	717 2014 Results Persistence	Adjustment	9	8,280	8,280	8,280	8,280 770,101 62,028	8,280 770,101	8,280 770,101	8,280 770,101	8,280 770,101	770,101	8,280 770,101	8,280 770,101	8,280 770,101	8,280 770,101	8,280	8,280	8,280	8,280	8,280	8,280	8,280	9	0				
LDC LDC	Consumer	Equation (Couper Initiative) Couper Initiative Disagraphic Countries (Couper Initiative)	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	22	20	2015 Results Persistence 2015 2015 Results Persistence 2015 2015 Results Persistence	Current year savings	0	- 0	0		322,695; 596,157?	319,758	\$19,758; \$85,562															109,412	109,412 109 185,129 185	9,412	0. 0	0. 0.	0
LDC LDC	Consumer	INVAC Incentives Initiative Efficiency: Equipment Replacement Incentive I	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation in Bluewater Power Distribution Corporation	Residential Commercial & Institutional	22	20	015 2015 Results Persistence 015 2015 Results Persistence 015 2015 Results Persistence	Current year savings		0			387,380 5,333,302	387,380 5,333,302	387,380 5,298,190	387,380 5.298,190	387,380 5.298.190	387,380	387,380 5.252,067	387,380 5.252,067	387,380 5.087,206	387,380 4.874.162	387,380	387,380 3.476,202	387,380 817,957	387,380 705,979	387,380 705,979	387,380	387,380 136.197	387,380	185,129 185 369,404 136,197 136	6.197			
LDC LDC	Business Industrial Industrial	Oirect Install Lighting and Water Heating Initial			22								278,584 164,500	239,362 164 500	167,641 164,500	167,643	167,641	167,641	167,643				166,147	38,934								0			
LDC LDC	Other	Low Income Initiative	ije Bluewater Power Distribution Corporation on Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial Residential	22	20 20	2015 Results Persistence 2015 2015 Results Persistence 2015 2015 Results Persistence 2015 2015 Results Persistence	Current year savings Current year savings		0			22,293 45,402	22,293 41,348	22,293 40,659	22,293 39,969	22,293 19,900	22,293 39,900 53,119	22,293 19,900 53,119	22,293 39,300	20,201 32,870	20,201 32,484	32,275	12,275	32,044	32,044	4,776	4,570	4,570	4,570	4,570 A	4,570 2	0 0 141 0		
LDC	Consumer	Coupon Initiative Bi-Annual Retailer Event Initiative BIAC Incentives Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Residential	tt tt		2016 Results Persistence	Adjustment					53,894 6,166 3,351	53,119 6,094 3,351	53,119	53,119	53,119	53,119 6,094 3,351	53,119 6,094 3,351	22,293 39,300 53,097 6,079 3,351	164,500 20,201 32,870 53,097 6,079 3,351	53,097 6,079 3,351	32,275 51,777 5,156 3,351	51,719 5,113 3,351	51,719 5,113	51,600 4,956 3.351	51,600 4,956	51,506 4,938 3.35*	26,693 2,063 3,351	26,693 2,063	4,570 4 26,693 26 2,063 2 3,223	6,693 2,063			
LDC LDC	Susiness Susiness	NVAC Incentives Initiative Officiency: Equipment Replacement Incentive I Existing Building Commissioning Incentive Initia	Bluewater Power Distribution Corporation in Bluewater Power Distribution Corporation at Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	tt tt	20	2015 2016 Results Persistence 215 2016 Results Persistence 215 2016 Results Persistence	Adjustment					145,800 60,323	145,800 60,323	145,800 60,323 2,743,154					143,469 60,323	143,469 60,323 2,742,762	133,595	123,932	123,932							0:	0			
LDC LDC	Consumer	Save on Energy Coupon Program Save on Energy Heating & Cooling Program.	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	22 22	20	2015 2016 Results Persistence 2015 2016 Results Persistence 2015 2016 Results Persistence 2015 2016 Results Persistence 2015 2016 Results Persistence	Current year savings Current year savings					0		2,741,154 595,981	2,743,154 595,981	60,323 2,743,154 595,981	60,323 2,743,154 595,981	60,323 2,743,154 595,981	60,323 2,743,154 595,981	2,742,762 595,981	2,742,762 595,981	2,731,209 595,981	2,700,043 : 595,981	,698,526 595,981	,698,526 595,981	2,684,769 595,981	2,322,815 595,981	2,322,815 595,981	1,061,276 595,981	595,981 585	1,734			
EDC EDC	Consumer Business	Save on Energy Home Assistance Program Save on Energy Audit Funding Program	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Commercial & Institutional	žž ŽŽ	20 20	016 2016 Results Persistence 016 2016 Results Persistence	Current year savings Current year savings					9	13,474 13,143	13,474 13,143	13,474 13,143	13,474 13,143	13,474 13,141	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	595,981 581 11,847 11	1,847 11	847 O		
LDC	Business	Save on Energy Retrofit Program Save on Energy Small Business Lighting Engage	Bluewater Power Distribution Corporation on Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	EE EE	20	2016 Results Persistence 2016 2016 Results Persistence 2016 2016 Results Persistence 2016 2016 Results Persistence	Current year savings Current year savings		9				2,169,223 57,856	2,146,732 57,856 258 103,174	2,146,732 57,856	2,146,732 57,856	2,146,732 57,856	2,146,732 44,408	2,146,732 457	2,146,732	2,136,611	2,136,611	2,123,465	JB1,103	215,344	235,344	51,271	0	0	0	0			
LDC LDC	Business Business	Home Depot Home Appliance Market Up&t Co Efficiency: Equipment Replacement Incentive I Direct Install Lighting and Water Heating Initial	measurewater Power Distribution Corporation in Bluewater Power Distribution Corporation the Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	EE	20 20	016 2016 Results Persistence 015 2017 Results Persistence 015 2017 Results Persistence	Adjustment Adjustment		0			68,061 -122,373	57,856 258 68,061 -83,151 296,781	258 103,174 -11,432	258 103,889 154	258 103,889 154	258 103,889 154	258 152,343 154	258 152,343 154	258 317,003 154	258 165,779 154	258 201,478 154	258 103,405 5,732	258 86,495	258 10,293	258 10,293	162 10,293	162 10,293	162 10,293	162 10,293 10	0,293			
LDC LDC	Consumer	Save on Energy Coupon Program	Elizewater Power Distribution Corporation	Residential	EE EE	20			0	0	0			296,781 6,793	-11,432 296,781 6,793	296,781 6,793	296,781 6,793	296,781 6,793	296,781 6,793	296,781 6,793	296,756 6,793	296,756 6,793	297,186 6,793	297,164 6,793	297,641 6,793	297,641 6,793	296,870 6,793	257,166 6,793	257,166 6,793	105,875 6,793	6,793 6	6,697			
LDC	Business	Save on Energy Heating & Cooling Program Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	m Bluewater Power Distribution Corporation	Commercial & Institutional	22		016 2017 Results Persistence 016 2017 Results Persistence 016 2017 Results Persistence		0	0				6,793 2,592,647 9,636 835	6,793 2,615,138 9,636 835 3,302,399	6,793 2,845,850 9,636 835 2,649,493	6,793 2,845,850 9,636	6,793 2,845,850 9,636	6,793 2,799,381 9,622	2,799,381 9,579	6,793 2,799,381 9,579	6,793 2,795,897 9,579	6,793 2,795,897 8,397	6,793 2,775,506 8,316	,210,256 8,316	6,793 184,920 665	6,793 184,920	6,793 43,361							
LDC	Consumer	Save on Energy Energy Manager Program Save on Energy Coupon Program Save on Energy Instant Discount Program	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation Sluewater Dower Distribution Corporation	Industrial Residential Residential	22 22	20	2017 Results Persistence 2017 Results Persistence 2017 2017 Results Persistence 2017 2017 Results Persistence 2017 2017 Results Persistence	Adjustment Current year savings		9				835	3,302,399	835 2,649,493 1,922,215	2,840,850 9,636 835 2,649,493 1,972,715 513,769 65,722	9,636 835 2,649,493 1,972,715 513,769 65,722 130,667	9,622 835 2,649,493 1,972,715 513,769 65,722 130,667	9,579 835 2,649,493 1,972,715 513,769 65,722 130,667	835 2,649,493 1,922,715	835 2,649,468 1,972,672	835 2,649,468 1,977,677	835 2,643,701 1,972,677	835 594,722 936.762	,594,343 933 386	2,594,343	2,594,164	2,239,411	2,239,411	297,222		0 0 0 0 006 311 25,311		
LDC	Consumer Consumer	Save on Energy Heating & Cooling Program Save on Energy Home Assistance Program	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential Residential	tt tt	20	2017 Results Persistence	Current year savings							2,724,036 511,769 65,722 130,667	1,972,715 511,769 65,722 130,667	513,769 65,722	513,769 65,722	513,769 65,722	511,769 65,722	513,769 65,722	513,769 65,722	511,769 65,722	513,769 65,608	513,769 26,732	513,769 26,732	513,769 26,468	513,769 26,468	513,769 25,311	513,769 25,311	513,769 511 25,311 21	1,769 499 5,311 25	696 311 25,311		
LDC	Business	Save on Energy Audit Funding Program Save on Energy Retroft Program	Sluwwater Power Distribution Corporation Sluwwater Power Distribution Corporation	Commercial & Institutional	23	20	017 2017 Results Persistence 017 2017 Results Persistence	Current year sayings					- 0			130,067			130,667 3,431,569	130,667 3,349,094 29,406	130,667 3,349,094	130,667 3,349,094	130,667 3,299,116	112,855 3,299,116	198,304	,419,743	744,368	563,680	116,101	0	0	0	0 0		
LDC	Industrial	Save on Energy Energy Manager Program	Silvewater Power Distribution Corporation	Industrial	22	20	017 2017 Results Persistence	Current year savings		0					51,401 63,401 65,440 519,685 63,082 64,997	63,401 65,440	3,431,569 63,401 65,440	62,253												0					
LDC		Instant Savings Local Program Whole Home Pilot Program Ontario Clean Water Agency PAP Conservation	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation & Sluewater Power Distribution Corporation		EE EE	20	2017 Results Persistence 217 2017 Results Persistence 217 2017 Results Persistence	Current year savings Current year savings		9					519,685 63,082	519,685 63,082 64,997	519,685 63,082 64,997	519,685 63,082 64,997	519,685 62,522 64,997	519,685 60,848 64,997	519,685 60,848 64,997	519,685 60,848 64,997	519,685 60,848 64,997	519,685 60,848 64,997	60,848	60,616 64,997	60,636 64,997	60,636	60,636 64,997	60,299	60,299 60	0,092 58	911 12,712	44 44	
LDC LDC	Consumer	Save on Energy Heating and Cooling Program Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	11	20	018 018	Current year savings Current year savings							50,487	1,167,569		248,836 1.157,971	Smooth!	55,447			W. C			STORY.	union.		57,474						
LDC LDC	Consumer	Save on Energy Smart Thermostat Program Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	Silvewater Power Distribution Corporation Silvewater Power Distribution Corporation	Residential Commercial & Institutional	22	20 20	018 018	Current year savings Current year savings Current year savings																											
LDC	Business	Save on Energy Existing Building Commissionin	g Bluewater Power Distribution Corporation	Commercial & Institutional	EE EE	20	018 018	Current year savings								4,611,251 15,117 61,809		4,588,448 9,720 61,809																	
LDC LDC	Business Consumer	Instant Savings Program Save on Energy Retrofit Program Save on Energy Coupon Program	Slurwater Power Distribution Corporation Slurwater Power Distribution Corporation Slurwater Power Distribution Corporation	Commercial & Institutional Residential	2016 Adj 2017 Adi	20 20	218 218	Current year savings Adjustment Adjustment						10,978	11,074 4,057	354,596 12,050 1,255 36,976 7,411 1,468,159	12,050 3,255	854,596 12,050 1,255																	
LDC	Consumer	Save on Energy Coupon Program Save on Energy Heating and Cooling Program Save on Energy Smart Thermostat Program Save on Energy Retrofit Program	Sluewater Power Distribution Corporation Sluewater Power Distribution Corporation	Residential Commercial & Institutional	2017 Adj. 2017 Adj.	20	018	Adjustment Adjustment							36,976 7,411	36,976 7,411	36,976 7,411	35,976 7,411																	
LDC	fusiness	Save on Energy Retroft Program	Elluewater Power Distribution Corporation	Commercial & Institutional	2017 Adj.	20	018	Adjustment							1,389,819	1,468,159	1,468,159	1,468,159							I										



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	t revenue base	d 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		(
Mar 20xx				
Apr 20xx				
May 20xx				
June 20xx				
Jul 20xx				
Aug 20xx				
Sep 20xx				
Oct 20xx				
Nov 20xx				
Dec 20xx				
Total				(
Persistence in	20XX			
Persistence in	20XX			•
Persistence in	20XX			•
Persistence in	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

	2	2019 CDM Results	2019 CDM Plan %	é	-year CDM Results	6-year CDM Plan %	6-year Allocated %
Net Energy Savings (kWh) as at 2020		391,528	4%		34,632,162	55.5%	55.5%
Total Actual Spending (\$)	\$	1,020,189	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-effectiveness: Levelized Unit Electricity Cost (\$/kWh)		0.02			0.03		1

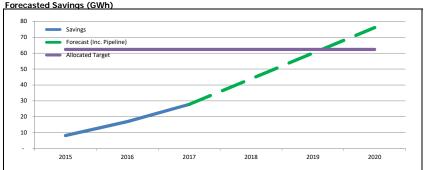
LDC Ranking in the Province out of 67

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

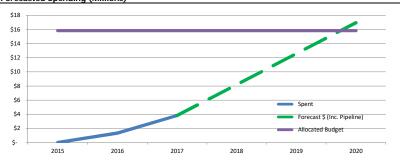
MTI Calculated Payout: 2015-17 kWh & MTI Rate: Paid MTI Amount:

26,332,502

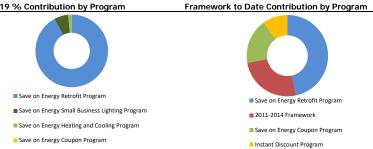
0.1 cents/kWh



Forecasted Spending (Millions)



2019 % Contribution by Program



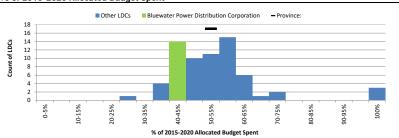
% of 2015-2020 Allocated Energy Savings Target Achieved



Persisting Energy Savings by Year



% of 2015-2020 Allocated Budget Spent



As of:	er Power Distribution Corporation	2017 00	Plan Forecast	6-year CDM	Pian Forec
	15-Apr-19	% kWh	% Budget Spent	% kWh	% Bud
	Program	Target	Spent	Target	Spen
	Save on Energy Coupon Program	0%	1%	70%	60%
	Save on Energy Heating and Cooling Program	4%	22%	96%	66%
Residential	Save on Energy Home Assistance Program			82%	94%
(Province-	Save on Energy Instant Discount Program				
Wide)	Save on Energy New Construction Program	0%	0%	0%	0%
	Save on Energy Smart Thermostat Program Save on Energy Whole Home Program	0%	0%	23%	10%
	Residential Programs Total	0%	15%	105%	76%
					_
	Save on Energy Audit Funding Program Save on Energy Retrofit Program	0% 8%	32% 71%	274% 67%	93%
	Save on Energy Retrofit Program - P4P	8%	/1%	6/%	867
	Save on Energy Retrofit Program Enabled Savings				
	Save on Energy Small Business Lighting Program	46%	77%	51%	759
	Save on Energy Business Refrigeration Program	0%	0%	0%	1%
Non-	Save on Energy Energy Performance Program				
esidential	Save on Energy Existing Building Commissioning Program	0%	3%	22%	409
Province-	Save on Energy High Performance New Construction Program	0%	258%	0%	689
Wide)	Save on Energy High Performance New Construction Program Enabled Savings				
	Save on Energy Process & Systems Upgrades Program	0%	6%	0%	139
	Save on Energy Process & Systems Upgrades Program - P4P				
	Save on Energy Process & Systems Upgrades Program Enabled Savings				
	Save on Energy Energy Manager Program	0%	53%	0%	539
	Save on Energy Monitoring & Targeting Program				
	Non-Residential Programs Total	4%	28%	36%	379
	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	0%	300%	45%	789
Local LDC	MURB DIL Local Program	0%	300%	45%	/83
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	0%	300%	45%	789
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra	0%	300%	45%	789
	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	0%	300%	45%	789
	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	0%	300%	45%	789
	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	0%	300%	45%	789
	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	0%	300%	45%	789
	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 Cuttivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program	0%	300%	45%	789
	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 Building Optimization Pilot Program Building Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Outlivator LDC Innovation Fund Pilot Program Data Centre Pilot	0%	300%	45%	789
	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	0%	300%	45%	789
	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 Cultivator LDC Innovation Fund Pilot Program Data Cantre Pilot Direct Install – Hydronic Pilot Program Direct Install – Hydronic Pilot Program	0%	300%	45%	789
	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 Bilding Optimization Pilot Program Bilding Optimization Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install – Hydroinc Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takeback Pilot	0%	300%	45%	789
IDC	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 Cuttivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot Direct Install – RTU Controls Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takaback Pilot Entwin Intelligent Air Pilot	0%	300%	45%	789
LDC nnovation	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 Cultivator LDC Innovation Fund Pilot Program Conservation Ottage Reduction Conservation Fund Program Data Centre Pilot Direct Install – Hydronic Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takeback Pilot ErtWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	0%	300%	45%	789
	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 Biock 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 – Hydroinc Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	0%	300%	45%	789
nnovation	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 Cultivator LDC Innovation Fund Pilot Program Conservation Ottage Reduction Conservation Fund Program Data Centre Pilot Direct Install – Hydronic Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takeback Pilot ErtWin Intelligent Air Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	0%	300%	45%	789
nnovation	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 Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program HotelMoted LDC Innovation Fund Pilot Program	0%	300%	45%	789
nnovation	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 Cultivator LDC Innovation Fund Pilot Program Data Centre Pilot Direct Install – Hydroinc Pilot Program Direct Install – Hydroinc Pilot Program Direct Install – Hydroinc Pilot Program Direct Install – RTU Controls Pilot Program Electronics Takeback Pilot Home Depot Home Appliance Market Upilit 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 Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program	0%	300%	45%	789
nnovation	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 Cultivator LDC Innovation Fund Pilot Program Conservation Ottage Reduction Conservation Fund Program Data Centre Pilot Direct Install – Hydronic Pilot Program Direct Install – Tul' Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot EnWin 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 Agency PIP Conservation Fund Pilot Program Performance Based Conservation Pilot Program	0%	300%	45%	789
nnovation	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 Voltage Reduction Conservation 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 Hotel Mylote LDC Innovation Fund Pilot Program Hotel Mylote LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Contario Clean Water Agency Pat Conservation Fund Pilot Program PAP for Class B Office Pilot Program Performance Based Conservation Pilot Program Performance Based Conservation Pilot Program Performance Based Conservation Pilot Program	0%	300%	45%	78%
nnovation	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 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 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 & Retrofit LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency PAP Conservation Fund Pilot Program Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Durctes Heat Pump LDC Innovation Fund Pilot Program	0%	300%	45%	78%
nnovation	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 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 – ATU Controls Pilot Program Electronics Takeback Pilot En/Win Intelligent Air Pilot En/Win 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 Agency PIP Conservation Fund Pilot Program PIP for Class B Office 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	0%	300%	45%	78%
nnovation	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 Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Hotel/Moted LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency Pal Conservation Fund Pilot Program Pal For Class B Office Pilot Program Performance Based Conservation Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Residential Ducties Heat Pump LDC Innovation Fund Pilot Program Toronto Hydro — Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Toronto Hydro — Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	0%	300%	45%	789
nnovation	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 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 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 Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Durctes Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Sciar Powered Attic Ventilation Pilot	0%	300%	45%	789
nnovation	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 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 – ATU Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot EnWin Intelligent Air Pilot EnWin Intelligent Air Pilot Lome 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 Agency P4P Conservation Fund Pilot Program P4P for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Ducters Heat Pilot Program Small & Medium Business Energy Management System 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 Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Truckload Event	0%	300%	45%	789
nnovation Pilots	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 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 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 Performance Based Conservation Pilot Program Residential Direct Install Pilot Program Residential Durctes Heat Pump LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Prograr Sciar Powered Attic Ventilation Pilot	0%	300%	45%	788
nnovation Pilots	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 Cultivator LDC Innovation Fund Pilot Program Conservation Outleage Reduction Conservation Fund Program Data Centre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback 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 Energy Assessment & Retrofit LDC Innovation Fund Pilot Program How Income Air Source Heat Pump Pilot Ontario Clean Water Agency P4P Conservation Fund Pilot Program Performance Based Conservation Pilot Program Residential Ductic 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	0%	300%	45%	789
nnovation Pilots	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 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 – ATU Controls Pilot Program Electronics Takeback Pilot EnWin Intelligent Air Pilot EnWin Intelligent Air Pilot EnWin Intelligent Air Pilot Lome 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 Agency P4P Conservation Fund Pilot Program P4P for Class B Office Pilot Program Residential Direct Install Pilot Program Residential Ducters Heat Pilot Program Small & Medium Business Energy Management System 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 Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Truckload Event	0%	300%	45%	789
nnovation Pilots	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 Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Cantre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback 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 Performance Based Conservation Pilot Program Residential Durect Install Pilot Program Residential Durect Install Pilot Program Residential Durect 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	0%	300%	45%	78
get Gap n-Approve assigned F	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 Cultivator LDC Innovation Fund Pilot Program Conservation Cultivator LDC Innovation Fund Pilot Program Data Cantre Pilot Direct Install - Hydronic Pilot Program Direct Install - Hydronic Pilot Program Direct Install - RTU Controls Pilot Program Electronics Takeback 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 Performance Based Conservation Pilot Program Residential Durect Install Pilot Program Residential Durect Install Pilot Program Residential Durect 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	0%	300%	102%	783
get Gap n-Approve assigned Fergy Savin	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 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 Einctronics Takeback Pilot ErriWin 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 Home Low Income Air Source Heat Pump Pilot Contario Clean Water Agency P4P Conservation Fund Pilot Program Performance Based Conservation Pilot Program Residential Durect Install Pilot Program Residential Durect Install Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program Content Pydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Content Pydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Program Program	0%	27%		785

LDC Progress Page 1

Bluewater Power I	Distribution Corporation	(Ir	ncr
As of:	15 Apr 19		

	As of:	15-Apr-19
		Program
		Save on Energy Coupon Program
		Save on Energy Heating and Cooling Program
		Save on Energy Home Assistance Program
	Residential (Province-	Save on Energy Instant Discount Program
	Wide)	Save on Energy New Construction Program
		Save on Energy Smart Thermostat Program
		Save on Energy Whole Home Program
		Residential Programs Total
		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
	Non-	Save on Energy Energy Performance Program
	Residential	Save on Energy Existing Building Commissioning Program
	(Province-	Save on Energy High Performance New Construction Program
	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 - 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
ı		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
	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 Progr.
		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
	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 Progr

Target Gap

Non-Approved Program Unassigned Program

Solar Powered Attic Ventilation Pilot Truckload Event

Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program

Energy Savings from 2011-2014 Framework

TOTAL Conservation First (CDM Plan Forecast)

TOTAL Conservation First (Target and Budget Allocation)

Count cremental)

YTD % Total	PTD % Total	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date kWh	Jan kWh	Feb kWh	Mar kWh	Apr kWh	May kWh	Jun kWh	Jul kWh	Aug kWh	Sep kWh	Oct kWh
0%	18%	KWII	3,039,935	3,306,456	KVVII	KWII	KWII	KWII	KWII	KVVII	KWII	KWII	KWII	KVVII	KVVII
2%	4%		602,774	550,745	248,836	6,300									
0%	0%		13,474	65,722	240,000	0,000									
0%	11%			2,724,036	1,167,569										
0%	0%														
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%	0%														
7%	0%		67,492	63,401	15,117			27,439							
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0%	0%		835	65,440											
0% 98%	0% 41%		4,854,318	4,897,787	4,688,177	53,096	304,360	31,052							
			4,854,318	4,897,787	4,688,177	53,096	304,360	31,052							
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100% 100% 8,197,665 8,510,759 12,199,922 6,503,649 59,396 304,360 31,052	0%	23%	8,197,665										
	100%	100%	8,197,665	8,510,759	12,199,922	6,503,649	59,396	304.360	31,052				

LDC Progress Page 2

Bluewat	er Power Distribution Corporation			A 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				6,346,391
	Save on Energy Heating and Cooling Program			6,300	1,408,655
Residential	Save on Energy Home Assistance Program				79,196
(Province-	Save on Energy Instant Discount Program Save on Energy New Construction Program				3,891,605
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		1		143,810
	Save on Energy Retrofit Program			361,068	14,383,446
	Save on Energy Retrofit Program - P4P			301,000	14,303,440
	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				
Residential	Save on Energy Existing Building Commissioning Program				61,809
(Province- Wide)	Save on Energy High Performance New Construction Program				
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 - P4P				
	Save on Energy Process & Systems Upgrades Program Enabled Savings				
	Save on Energy Energy Manager Program				66,275
	Save on Energy Monitoring & Targeting Program				
	Non-Residential Programs Total			388,507	14,828,789
	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				874,281
Local LDC Programs	MURB DIL Local Program				
riograms	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
			1		374,231
	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
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				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 Program		 		
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot				
	Solar Powered Attic Ventilation Pilot Truckload Event		 	1	
	LDC Innovation Pilots Total				65.255
	EDC HINOVALION PRIORS TOTAL				65,255
arget Gap					
on-Approve	ed Program				
nassigned F	Program				
					8.197.665
nergy Savin	gs from 2011-2014 Framework				
	gs from 2011-2014 Framework ervation First (CDM Plan Forecast)			394 807	35 806 802

By Month	
2019 Unverific Year to Date	r to Date
kWh	
	5,693,451
6,300	
	79,196 3,130,686
	3,130,686
	51,883
	63,082
6,300	
-,	
261.060	143,810
361,068	61,068 14,767,535
24,160	24,160 163,625
24,100	100,020
	61,809
	835
385,228	85,228 15,137,615
	874,281
	874,281
	258
	64,997
	65,255
	8,128,057
204 506	91,528 34,632,162
391,	91,

LDC Progress Page 3

Bluewate	er Power Distribution Corporation		A By Month		A By Month			Spending (Year to Date)		^ By Year	
As of:	15-Apr-19	2019	2019 Year to Date	2019	2019 Year to Date	2019	2019 Year to Date		Framework	Program to Date	Framework
	Program	Incentive Budget	Incentive Actual	Admin Budget	Admin Actual	Total Budget	Total Actual		Incentive Budget	Incentive Actual	Admin Budget
	Save on Energy Coupon Program	\$ 149,934	-	\$ 43,797	\$ 2,086	\$ 193,731	\$ 2,086		\$ 1,013,222	\$ 592,270	\$ 254,583
	Save on Energy Heating and Cooling Program Save on Energy Home Assistance Program	\$ 182,500	\$ 34,600	\$ 29,950	\$ 11,462	\$ 212,450	\$ 46,062		\$ 1,036,650 \$ 39,931	\$ 689,650 \$ 30,140	\$ 163,939 \$ 69,766
Residential	Save on Energy Instant Discount Program	-	\$ 14,516		\$ 608	-	\$ 15,124		\$ 39,931	\$ 332,438	\$ 69,766
(Province- Wide)	Save on Energy New Construction Program	\$ 500	-	\$ 5,525		\$ 6,025	-		\$ 1,500		\$ 16,500
wide,	Save on Energy Smart Thermostat Program	\$ 17,686	\$ 50	\$ 5,994	\$ 5	\$ 23,680	\$ 55		\$ 53,405	\$ 6,650	\$ 18,440
	Save on Energy Whole Home Program	-	-	-	-	-	-			-	-
	Residential Programs Total	\$ 350,620	\$ 49,166	\$ 85,266	\$ 14,161	\$ 435,886			\$ 2,144,708	\$ 1,651,148	\$ 523,229
	Save on Energy Audit Funding Program	\$ 2,160	-	\$ 7,125	\$ 2,988	\$ 9,285	\$ 2,988		\$ 6,480	\$ 6,710	\$ 53,102
	Save on Energy Retrofit Program	\$ 396,909	\$ 363,977	\$ 327,000	\$ 152,559	\$ 723,909	\$ 516,536		\$ 1,950,651	\$ 2,042,053	\$ 1,508,745
	Save on Energy Retrofit Program - P4P Save on Energy Retrofit Program Enabled Savings	-	-	-	-	-	-		-		-
	Save on Energy Small Business Lighting Program	\$ 10,652	\$ 15,788	\$ 46,750	\$ 28,592	\$ 57,402	\$ 44,380		\$ 64,115	\$ 43,172	\$ 274,355
	Save on Energy Business Refrigeration Program	\$ 41,106	- 10,700	\$ 16,000	- 20,072	\$ 57,106	-		\$ 124,644	- 10,172	\$ 51,244
Non-	Save on Energy Energy Performance Program	-	-	-	-	=	-			-	-
Residential	Save on Energy Existing Building Commissioning Program	\$ 11,500		\$ 6,585	\$ 533	\$ 18,085	\$ 533		\$ 73,000	\$ 35,780	\$ 21,344
(Province- Wide)	Save on Energy High Performance New Construction Program	\$ 45,025	\$ 117,870	\$ 3,300	\$ 7,000	\$ 48,325	\$ 124,870		\$ 176,150	\$ 117,870	\$ 19,602
	Save on Energy High Performance New Construction Program Enabled Savings		-							-	-
1	Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program - P4P	\$ 1,366,600	-	\$ 825,865	\$ 137,796	\$ 2,192,465	\$ 137,796		\$ 4,587,565	\$ 325,993	\$ 3,417,108
	Save on Energy Process & Systems Opgrades Program - P4P Save on Energy Process & Systems Upgrades Program Enabled Savings		-		-		-				-
	Save on Energy Energy Manager Program		-	\$ 165,750	\$ 87,074	\$ 165,750	\$ 87,074			- 1	\$ 629,727
1	Save on Energy Monitoring & Targeting Program			,	-	,700	-		-	-	, man , p , 40.5
	Non-Residential Programs Total	\$ 1,873,952	\$ 497,635	\$ 1,398,375	\$ 416,541	\$ 3,272,327	\$ 914,176		\$ 6,982,605	\$ 2,571,578	\$ 5,975,227
	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	\$ 6,750	-	\$ 7,500	\$ 42,686	\$ 14,250	\$ 42,686		\$ 101,745	\$ 50,667	\$ 111,173
Local LDC	MURB DIL Local Program	\$ 6,750		\$ 7,500	\$ 42,080	\$ 14,250	\$ 42,080		\$ 101,745	\$ 50,667	\$ 111,173
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	\$ 6,750		\$ 7,500	\$ 42,686	\$ 14,250	\$ 42,686		\$ 101,745	\$ 50,667	\$ 111,173
		\$ 6,750	-	\$ 7,500	\$ 42,000	\$ 14,250	3 42,000		\$ 101,745	\$ 50,667	\$ 111,173
	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	-	-	-	-	-	-		-	-	-
	Direct Install - RTU Controls Pilot Program Electronics Takeback Pilot	-	-	-	-	-	-		-		-
	EnWin Intelligent Air Pilot	-	-	-	-	-	-		-	-	-
LDC	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	-	-	-	-	-	-		-	-	-
1	Low Income Air Source Heat Pump Pilot	-	-	-	-	-	-		-	-	
1	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	-	-	-	-	-	-		-	-	-
1	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program		-	-	-		-				-
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra		-	-	-		-		-	-	-
1	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program		-	-	-	-	-		-	-	-
	Solar Powered Attic Ventilation Pilot		-	-	-	-	-			-	-
	Truckload Event			-		-	-				-
	LDC Innovation Pilots Total	-	-	-	•	-	-		-	-	-
Target Gap						\$ -					
Non-Approve		\$ -		\$ -	•	\$ -	-		\$ -	\$ -	\$ -
Unassigned F	-3-	\$ -		\$ -		\$ -	l		\$ -	ļ	\$ -
Energy Savin	gs from 2011-2014 Framework										
TOTAL Copes	rvation First (CDM Plan Forecast)	\$ 2,231,322	\$ 546,801	\$ 1,491,141	\$ 473,388	\$ 3,722,463	\$ 1,020,189		\$ 9,229,058	\$ 4,273,394	\$ 6.609.629
		e 2,231,322	9 546,801	J,491,141	4/3,388	3,122,463	¥ 1,020,189		4 4,224,058	4,213,394	5,009,629
TOTAL Conse	rvation First (Target and Budget Allocation)	l									

LDC Progress Page 4

Page	Bluewate	er Power Distribution Corporation	A By Year		A By Year	Spending (Program to Date)	Year to Date Cost Effectiveness (2017 Verified)	Cost Effectiveness (Year to Date)	Program to Date Cost Effectiveness (2015-2017 Verified)	Cost Effectiveness (Prorgram to
Comparison Com		· · · · · · · · · · · · · · · · · · ·					TRC PAC LUEC (\$/kWh)		TRC PAC LUEC (\$	
Company Comp			Admin Actual	Total Budget	Total Actual					
Decoration of the Company of the C		Save on Energy Coupon Program	\$ 169,291	\$ 1,267,805	\$ 761,561					
Section 1		Save on Energy Heating and Cooling Program	\$ 107,959	\$ 1,200,589	\$ 797,609					
Property	Decidential			\$ 109,697						
See The See Th			\$ 13,874	-	\$ 346,312					
Company of the received by t	Wide)		-		-					
Total Original Professor Total State T			\$ 665	\$ 71,845	\$ 7,315					
Company Comp			-	-						
See Troop See Tr			\$ 364,907	\$ 2,667,937	\$ 2,016,055					
See of Stage Martin Pages - 10°- **See of Stage Martin Pages - 10										
Let Due Describe the protection described from the control of the protection of the			\$ 929,978	\$ 3,459,397	\$ 2,972,031					
See the face of the direct supply Pages 1			-		-					
The control of the co			-	-	-					
See Control Co						-				
No. Company			\$ 2,099	\$ 175,888	\$ 2,099	-				
Sever Design of Anthonius to Controllation Program			-	-	-	-				
See all Deep 18th Anthronous Controllation Program Goods See 2										
See to Deep Printers & Spelling Stageach Program			\$ 15,027	a 195,752	a 132,897					
See to Engry Phone a Cybern Spenish Regions Regions Program			e (00.000	e 0.004.071	e 1010					
See to Enclose Prices to Supplies Suppose Propose Departs (Suppose 1) The sea of Enclose Prices Suppose Suppose Prices (Suppose Suppose Suppo			a 692,018	a 8,004,674	a 1,018,011					
See on Energy Energy Marry Program See on Energy Energy Marry Program See of Energy Energy Program			-	-						
Section of target (Noticental Appropriate (1999) 1999			e 225 210	\$ 620.727	\$ 225.210					
Model to Ministry Regin			335,219	024,/2/	g 335,219					
Conversion for the Case Market Notice Program Conversion for the Case Mark			\$ 2,234,506	\$ 12,957,833	\$ 4.806.085					
Conversion or the Coal for Manuscher Program			\$ 2,254,550	12,707,000	4,000,000					
Convention on the Color for all devices frequents			-		-					
Part Nation Contravariation Laid Program			-	-	-	-				
Sign Efficiency Agricultural Printings			-	-						
Local Local Cold Michael Court Program			•	-						
Mail Discourance of the Comment of the Comment of the Program Mail Discourance of the Comment of the Comment of the Program Mail Discourance of the Program Ma			e 115 205	e 212.010	e 14E 070					
Program	LocaLLDC		\$ 115,205	\$ 212,910	\$ 105,672					
RAPPisoder Control of the State										
## Titlbaer# If the Small and this bit size Business Local Program						-				
Social Revictor-Nativity (a) only Program										
Social Revictor-Nativity (a) only Program		Smart RT for Small and Mid-Size Business Local Program								
Contact Cont			-	-	-					
A Sauce Nature Plane - File Possestated Space - Nature (Controvation Fund Plane)		Swimming Pool Efficiency Program	-	- 1	-					
As Source Near Name First Procedure Water Institute Name See		Local LDC Programs Total	\$ 115,205	\$ 212,918	\$ 165,872					
As Source Near Name First Procedure Water Institute Name See		Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Progra		. 1	-	i				
Mode Harder Timer LD Honoution Fund PRI Program										
Conservation Cultivator LLC Innovation Fuel Plot Program			-	-	-					
Conservation Visitage Reduction Conservation Fund Program			-		-					
Data Conter Plot Direct Intall - Fight (Popram)		Conservation Cultivator LDC Innovation Fund Pilot Program								
Direct Install - Hydronic Pilot Program		Conservation Voltage Reduction Conservation Fund Program		-	-					
Direct Install - RTU Controls Pick Program			-	-						
Electronics Takeback Plots			-	-						
EWIN Intelligent Air Pilot Home Depot Home Appliance Market Upilit Conservation Fund Pilot Program			-	-	=					
December December Appliance Market Digith Conservation Fund Pilot Program			-	-	-					
Innovation Inn			-	-	-					
Hotel/Motel LDC Innovation Fund Pilot Program	LDC		-	-	-					
Low Income Air Source Heat Pump Pilot Conservation Fund Pilot Program			-	-	-					
Ontair Clean Water Agency PR Conservation Fund Pilot Program	riiota		-	-	-					
PAF for Class B Office Pilot Program			-	-	-					
Performance Based Conservation Pilot Program		Unitario Clean Water Agency P4P Conservation Fund Pilot Program	-	-	-					
Residential Ducties Heal 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 Progra			-	-	-					
Toronto Hydro - Entridge Joint Low-Income Program LDC Innovation Fund Pilot Program			-	-						
Solar Powered Attic Ventilation Pilot			-	-						
Truckload Event LDC Innovation Pilots Total			-	· ·	<u> </u>					
LDC Innovation Pilots Total										
S S S S S S S S S S				-	· ·				————	
S 3,849 S S 3,849 S S 3,849 S S S S S S S S S	Target Can			•						
S				-						
DIAL Conservation 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			\$ 3,849	\$ -	\$ 3,849					
OTAL Conservation 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	Unassigned P	rogram		\$ -						
OTAL Conservation 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	Energy Saving	gs from 2011-2014 Framework]							
OTAL Conservation First (Target and Budget Allocation) \$ 15,838,687			\$ 2,718,467	\$ 15,838,687	\$6,991,860.75		2.82 3.50 0.02		2.10 2.66 0.0	03
	TOTAL Conse	vation 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



Incentive Rate-setting Mechanism

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

Ontario Energy Board

Incentive Rate-setting Mechanism

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	φ \$/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



Incentive Rate-setting Mechanism

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 (2)	019) - 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 Med	chanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2020		\$/kW	0.3135
Rate Rider for Disposition of Deferral/Variance Accounts (2	019) - 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 (2	019) - 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 Conne	ction Service Rate	\$/kW	2.2673
MONTHLY RATES AND CHARGES - Regulator	ory Component		
Wholesale Market Service Rate (WMS) - not including CBR		\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B C	ustomers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)		\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applica	able)	\$	0.25



Incentive Rate-setting Mechanism

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	chanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2020		\$/kW	(0.0025)
Rate Rider for Disposition of Deferral/Variance Accounts (2	019) - effective until April 30, 2020		
Applicable only for Non-Wholesale Market Participants	- Approved on an Interim Basis	\$/kW	(1.4213)
Rate Rider for Disposition of Deferral/Variance Accounts (2	019) - effective until April 30, 2020		
- Approved on an Interim Basis		\$/kW	0.4827
Retail Transmission Rate - Network Service Rate - Interval	Metered	\$/kW	2.9586
Retail Transmission Rate - Line and Transformation Conne	ection Service Rate - Interval Metered	\$/kW	2.8423
MONTHLY RATES AND CHARGES - Regulate	ory Component		
Wholesale Market Service Rate (WMS) - not including CBF	2	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B C	Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applica	able)	\$	0.25



Incentive Rate-setting Mechanism

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

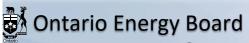
The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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



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

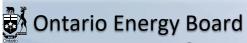
The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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.

0.000.001		
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

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.

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	\$	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

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

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

EB-2019-0021

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

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

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

FB-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		
MONTHET RATES AND STIARGES 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

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

5 AO

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

Sorvice Charge

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	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

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

		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.

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

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

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

EB-2019-0021

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:

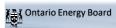
1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2018 of \$0.1117/kWh (IESO's Monthly Market Report for May 2018, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants 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 power can be morthly 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

							T . I					Total		
RATE CLASSES / CATEGORIES	Units	Sub-Total B C								С	: Total			
(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 Ol	EB-Approved	d				Proposed			Impact		
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)			_	(\$)	_	(\$)		_	(\$)	\$	Change	% Change
Monthly Service Charge	\$	32.21		\$	32.21	\$	32.60	1	\$	32.60	\$	0.39	1.219
Distribution Volumetric Rate	\$	-	750		-	\$	-	750	\$	-	\$	-	
Fixed Rate Riders	\$		750	\$	-	\$	-	1	\$	-	\$	(0.00)	50.000
Volumetric Rate Riders	\$	0.0008	750		0.60	\$	0.0004	750		0.30	\$	(0.30)	-50.009
Sub-Total A (excluding pass through)		0.0004		\$	32.81		0.0004		\$	32.90		0.09	0.27%
Line Losses on Cost of Power	\$	0.0824	32	\$	2.60	\$	0.0824	32	\$	2.60	\$	-	0.009
Total Deferral/Variance Account Rate	-S	0.0016	750	\$	(1.20)	-\$	0.0013	750	\$	(0.98)	\$	0.23	-18.759
Riders				Ľ	, ,					. ,			
CBR Class B Rate Riders	\$	-	750	\$	-	-\$	0.0001	750	\$	(80.0)	\$	(80.0)	
GA Rate Riders	\$		750	\$		\$		750	\$		\$	-	
Low Voltage Service Charge	\$	0.0002	750	\$	0.15	\$	0.0002	750	\$	0.15	\$	-	0.009
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.009
Additional Fixed Rate Riders	s	_	1	\$	_	s	_	1	\$		\$	_	
Additional Volumetric Rate Riders	*		750		_	Š		750	\$		\$	_	
Sub-Total B - Distribution (includes Sub-			, 00			Ť			-				
Total A)				\$	34.93				\$	35.17	\$	0.24	0.699
RTSR - Network	\$	0.0067	782	\$	5.24	\$	0.0071	782	\$	5.55	\$	0.31	5.979
RTSR - Connection and/or Line and	s	0.0064	782	\$	5.00	s	0.0068	782	\$	5.31	\$	0.31	6.25%
Transformation Connection	٠	0.0064	702	Ф	5.00	P	0.0008	102	9	5.51	9	0.31	0.237
Sub-Total C - Delivery (including Sub-				s	45.17				\$	46.03	s	0.87	1.929
Total B)				Þ	43.17				Ą	40.03	9	0.67	1.927
Wholesale Market Service Charge	e	0.0034	782	\$	2.66	s	0.0034	782	\$	2.66	\$	_	0.009
(WMSC)	•	0.0034	702	Ψ	2.00	*	0.0034	702	φ	2.00	Ψ	-	0.00
Rural and Remote Rate Protection	e	0.0005	782	œ	0.39		0.0005	782	\$	0.39	\$	_	0.00%
(RRRP)	•		702	l .				702			Ψ	-	
Standard Supply Service Charge	\$	0.25	1	\$	0.25		0.25	1	\$	0.25	\$	-	0.009
TOU - Off Peak	\$	0.0650	488	\$	31.69		0.0650	488	\$	31.69	\$	-	0.009
TOU - Mid Peak	\$	0.0940	128	\$	11.99		0.0940	128	\$	11.99	\$	-	0.009
TOU - On Peak	\$	0.1340	135	\$	18.09	\$	0.1340	135	\$	18.09	\$	-	0.009
Total Bill on TOU (before Taxes)					110.23				•	111.09	•	0.87	0.789
HST		13%		\$ \$	14.33		13%		\$	111.09	9	0.87	0.789
8% Rebate		13% 8%					13%		\$				0.78%
70tal Bill on TOU		8%		\$	(8.82) 115.74		8%		\$	(8.89) 116.65	4	(0.07) 0.91	0.789
Total Bill on TOU				Þ	115.74				Þ	116.65	9	0.91	0.789



| Customer Class: | GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION | RPP | Non-RPP: | Consumption | 2,000 kWh | Current Loss Factor | 1.0421 | Proposed/Approved Loss Factor | 1.0421 |

	Current O	EB-Approve	i		Proposed		Impact		
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 28.84	1	\$ 28.84	\$ 29.19	1	\$ 29.19		1.21%	
Distribution Volumetric Rate	\$ 0.0201	2000	\$ 40.20	\$ 0.0203	2000	\$ 40.60	\$ 0.40	1.00%	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		
Volumetric Rate Riders	\$ 0.0005	2000	\$ 1.00	\$ 0.0005	2000		\$ -	0.00%	
Sub-Total A (excluding pass through)			\$ 70.04			\$ 70.79	\$ 0.75	1.07%	
Line Losses on Cost of Power	\$ 0.0824	84	\$ 6.93	\$ 0.0824	84	\$ 6.93	\$ -	0.00%	
Total Deferral/Variance Account Rate	-\$ 0.0016	2,000	\$ (3,20)	-\$ 0.0012	2,000	\$ (2.40)	\$ 0.80	-25.00%	
Riders	0.0010	1	(,			, ,	1	20.0070	
CBR Class B Rate Riders	\$ -	2,000	\$ -	-\$ 0.0001	2,000	\$ (0.20)	\$ (0.20)		
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -		
Low Voltage Service Charge	\$ 0.0002	2,000	\$ 0.40	\$ 0.0002	2,000	\$ 0.40	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%	
Additional Fixed Rate Riders	s -	1	s -	s -	1	s -	\$ -		
Additional Volumetric Rate Riders	*	2.000	\$ -	š -	2.000	\$ -	\$ -		
Sub-Total B - Distribution (includes Sub-					, , , , , , , , , , , , , , , , , , , ,				
Total A)			\$ 74.74			\$ 76.09	•	1.81%	
RTSR - Network	\$ 0.0063	2,084	\$ 13.13	\$ 0.0067	2,084	\$ 13.96	\$ 0.83	6.35%	
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	2,084	\$ 11.88	\$ 0.0061	2,084	\$ 12.71	\$ 0.83	7.02%	
Sub-Total C - Delivery (including Sub-									
Total B)			\$ 99.75			\$ 102.77	\$ 3.02	3.02%	
Wholesale Market Service Charge	\$ 0.0034	2,084	\$ 7.09	\$ 0.0034	2.084	\$ 7.09	s -	0.00%	
(WMSC)		2,001	ų	0.000	2,001		*	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	2,084	\$ 1.04	\$ 0.0005	2,084	\$ 1.04	\$ -	0.00%	
(RRRP) Standard Supply Service Charge	\$ 0.25		\$ 0.25	\$ 0.25		\$ 0.25	¢ -	0.00%	
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.25 \$ 0.0650	1,300	\$ 0.25		0.00%	
TOU - Oil Peak	\$ 0.0650	340	\$ 31.96	\$ 0.0650	340	\$ 31.96		0.00%	
TOU - On Peak	\$ 0.0940	360	\$ 48.24	\$ 0.0940	360	\$ 48.24		0.00%	
100 - Oli Feak	1 3 0.1340	360	\$ 40.24	\$ 0.1340	300	\$ 40.24	Φ -	0.00%	
Total Bill on TOU (before Taxes)	I		\$ 272.83	l		\$ 275.85	\$ 3.02	1,11%	
HST	13%	1	\$ 35.47	13%		\$ 35.86		1.11%	
8% Rebate	8%		\$ (21.83)	8%		\$ (22.07)		1.1170	
Total Bill on TOU			\$ 286.47	070		\$ 289.64		1.11%	



Customer Class: GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION
RPP / Non-RPP: RPP
Consumption 42,000 kWh
Demand 120 kW

	Current	DEB-Approve	d		Proposed		Impact			
	Rate	Volume	Charge	Rate	Volume	Charge				
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change		
Monthly Service Charge	\$ 154.0		\$ 154.06			\$ 155.91	\$ 1.85	1.20%		
Distribution Volumetric Rate	\$ 4.477	120	\$ 537.24	\$ 4.5307	120	\$ 543.68	\$ 6.44	1.20%		
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -			
Volumetric Rate Riders	\$ 0.313	120		\$ 0.3935	120		\$ 9.60	25.52%		
Sub-Total A (excluding pass through)			\$ 728.92			\$ 746.81	\$ 17.89	2.45%		
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -			
Total Deferral/Variance Account Rate	-\$ 0.565	120	\$ (67.88)	-\$ 0.4076	120	\$ (48.91)	\$ 18.97	-27.95%		
Riders	0.505		Ψ (07.00)		_	, , ,	•	27.5570		
CBR Class B Rate Riders	\$ -	120	\$ -	-\$ 0.0418	120	\$ (5.02)	\$ (5.02)			
GA Rate Riders	\$ -	42,000	\$ -	\$ -	42,000	\$ -	\$ -			
Low Voltage Service Charge	\$ 0.074	120	\$ 8.98	\$ 0.0748	120	\$ 8.98	\$ -	0.00%		
Smart Meter Entity Charge (if applicable)	-	1	s -	\$ -	1	\$ -	s -			
Additional Fixed Rate Riders	\$ -		•			•				
Additional Volumetric Rate Riders	• -	120	\$ -	ş -	120	\$ -	\$ - \$ -			
		120	a -	3 -	120	· -	a -			
Sub-Total B - Distribution (includes Sub-Total A)			\$ 670.01			\$ 701.86	\$ 31.85	4.75%		
RTSR - Network	\$ 2.515	120	\$ 301.90	\$ 2.6694	120	\$ 320.33	\$ 18.43	6.11%		
RTSR - Connection and/or Line and	•		,							
Transformation Connection	\$ 2.267	120	\$ 272.08	\$ 2.4147	120	\$ 289.76	\$ 17.69	6.50%		
Sub-Total C - Delivery (including Sub-										
Total B)			\$ 1,243.98			\$ 1,311.95	\$ 67.97	5.46%		
Wholesale Market Service Charge	\$ 0.003	43,768	\$ 148.81	\$ 0.0034	43,768	\$ 148.81	s -	0.00%		
(WMSC)	0.003	43,700	Ψ 140.01	φ 0.0034	43,700	φ 140.01	Ψ -	0.0076		
Rural and Remote Rate Protection	\$ 0.000	43,768	\$ 21.88	\$ 0.0005	43,768	\$ 21.88	٠.	0.00%		
(RRRP)	,	-,			40,700	·	•			
Standard Supply Service Charge	\$ 0.2		\$ 0.25		1	\$ 0.25		0.00%		
TOU - Off Peak	\$ 0.065			\$ 0.0650	28,449	\$ 1,849.21	\$ -	0.00%		
TOU - Mid Peak	\$ 0.094		\$ 699.42		7,441	\$ 699.42		0.00%		
TOU - On Peak	\$ 0.134	7,878	\$ 1,055.69	\$ 0.1340	7,878	\$ 1,055.69	\$ -	0.00%		
Total Bill on TOU (hofers Tours)			\$ 5,019.24			\$ 5,087.21	\$ 67.97	1.35%		
Total Bill on TOU (before Taxes)	42	,		420/						
HST	13	70	\$ 652.50	13%		\$ 661.34		1.35%		
Total Bill on TOU			\$ 5,671.74			\$ 5,748.55	\$ 76.81	1.35%		



Total Bill on Average IESO Wholesale Market Price HST Total Bill on Average IESO Wholesale Market Price

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

GENERAL SERVICE 1,000 TO 4,999 KW SERVIC
Non-RPP (Other)
1,000,000 kW
2,100 kW
1,0421
1,0421 Customer Class: RPP / Non-RPP:

Consumption Demand Current Loss Factor Proposed/Approved Loss Factor

		Current Ol	EB-Approved	d			Proposed			Im	pact
		Rate	Volume	Charge		Rate	Volume	Charge			ĺ
		(\$)		(\$)		(\$)		(\$)	\$	Change	% Change
Monthly Service Charge	\$	3,386.44	1	\$ 3,386.	14 \$	3,427.08	1	\$ 3,427.08	\$	40.64	1.20%
Distribution Volumetric Rate	\$	1.8264	2100	\$ 3,835.	14 \$	1.8483	2100	\$ 3,881.43	\$	45.99	1.20%
Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$	-	İ
Volumetric Rate Riders	\$	0.0193	2100			0.0112	2100			(17.01)	-41.97%
Sub-Total A (excluding pass through)				\$ 7,262.	11			\$ 7,332.03	\$	69.62	0.96%
Line Losses on Cost of Power	\$	-	-	\$ -	\$	-	-	\$ -	\$	-	İ
Total Deferral/Variance Account Rate	٠.	0.7538	2.100	\$ (1,582.	28) -	0.5454	2.100	\$ (1,145.34	2	437.64	-27.65%
Riders	-	0.7550	,	, ,,,,	,0,		,		1		
CBR Class B Rate Riders	\$	-	2,100		-\$	0.0190	2,100) \$	(39.90)	I
GA Rate Riders	\$	-	1,000,000		\$	-	1,000,000		\$	-	İ
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	\$ -	\$	-	I
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$	-	I
Additional Volumetric Rate Riders			2,100	\$ -	\$	-	2,100	\$ -	\$	-	i .
Sub-Total B - Distribution (includes Sub-				\$ 5.851.	33			\$ 6,318.99	•	467.36	7.99%
Total A)				• -,							
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			_,	* -,			_,	* -,	,		
Sub-Total C - Delivery (including Sub-				\$ 16.682.	38			\$ 17.831.61	\$	1,149.23	6.89%
Total B)				•				, , , , , ,	Ļ.	,	
Wholesale Market Service Charge	\$	0.0034	1,042,100	\$ 3,543.	14 \$	0.0034	1,042,100	\$ 3,543.14	\$	-	0.00%
(WMSC)	l '				- 1 '		. , ,		1		1
Rural and Remote Rate Protection	\$	0.0005	1,042,100	\$ 521.	05 \$	0.0005	1,042,100	\$ 521.05	\$	-	0.00%
(RRRP)	I,	2.05		7	٠- ا -			*	L		
Standard Supply Service Charge	\$	0.25	1		25 \$	0.25	1	\$ 0.25	\$	-	0.00%

0.85% 0.85% 0.85%

1,149.23 149.40 1,298.63



| 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:
Consumption 714 kWh
Demand - kW

		Current Ol	EB-Approve	d				Proposed		Impact			
		Rate (\$)	Volume	(Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change
Monthly Service Charge	\$	12.96	1	\$	12.96	\$	13.12	1	\$	13.12	\$	0.16	1.23%
Distribution Volumetric Rate	\$	0.0352	714	\$	25.13	\$	0.0356	714	\$	25.42	\$	0.29	1.14%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$	0.0012	714	\$	(0.86)	-\$	0.0006	714	\$	(0.43)		0.43	-50.00%
Sub-Total A (excluding pass through)				\$	37.24				\$	38.11		0.87	2.35%
Line Losses on Cost of Power	\$	0.0824	30	\$	2.48	\$	0.0824	30	\$	2.48	\$	-	0.00%
Total Deferral/Variance Account Rate	.e	0.0016	714	s	(1.14)		0.0011	714	\$	(0.79)	•	0.36	-31.25%
Riders		0.0010			(1.14)						1		-51.2570
CBR Class B Rate Riders	\$	-	714	\$	-	-\$	0.0001	714	\$	(0.07)	\$	(0.07)	
GA Rate Riders	\$	-	714	\$	-	\$	-	714	\$	-	\$	-	
Low Voltage Service Charge	\$	0.0002	714	\$	0.14	\$	0.0002	714	\$	0.14	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders			714	\$	-	\$	-	714	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				s	38.71				\$	39.87	s	1.16	3.00%
Total A)									*		Τ.		
RTSR - Network	\$	0.0063	744	\$	4.69	\$	0.0067	744	\$	4.99	\$	0.30	6.35%
RTSR - Connection and/or Line and	s	0.0057	744	\$	4.24	s	0.0061	744	\$	4.54	\$	0.30	7.02%
Transformation Connection	· ·	0.000.		۳		Ψ.	0.000.		•	-1.01	Ψ.	0.00	7.0270
Sub-Total C - Delivery (including Sub- Total B)				\$	47.64				\$	49.40	\$	1.75	3.68%
Wholesale Market Service Charge											_		
(WMSC)	\$	0.0034	744	\$	2.53	\$	0.0034	744	\$	2.53	\$	-	0.00%
Rural and Remote Rate Protection		0.0005	744		0.07	_					_		0.000/
(RRRP)	\$	0.0005	744	\$	0.37	\$	0.0005	744	\$	0.37	\$	-	0.00%
Standard Supply Service Charge	\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
TOU - Off Peak	\$	0.0650	464	\$	30.17	\$	0.0650	464	\$	30.17	\$	-	0.00%
TOU - Mid Peak	\$	0.0940	121	\$	11.41	\$	0.0940	121	\$	11.41	\$	-	0.00%
TOU - On Peak	\$	0.1340	129	\$	17.22	\$	0.1340	129	\$	17.22	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	109.59				\$	111.35	\$	1.75	1.60%
HST		13%		\$	14.25		13%		\$	14.47	\$	0.23	1.60%
Total Bill on TOU				\$	123.84				\$	125.82	\$	1.98	1.60%

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

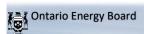
		Current O	EB-Approve	d	$\overline{}$			Proposed	1	Impact		
		Rate	Volume	Charge			Rate	Volume	Charge			
		(\$)		(\$)			(\$)		(\$)		\$ Change	% Change
Monthly Service Charge	\$	4.17	385		5.45	\$	4.22	385			19.25	1.20%
Distribution Volumetric Rate	\$	27.5377	1	\$ 2	7.54	\$	27.8682	1	\$ 27.87	\$	0.33	1.20%
Fixed Rate Riders	\$	-	385	\$	-	\$	-	385		\$	-	
Volumetric Rate Riders	-\$	0.1254	1		0.13)	-\$	0.0652	1	\$ (0.07		0.06	-48.01%
Sub-Total A (excluding pass through)				\$ 1,63					\$ 1,652.50		19.64	1.20%
Line Losses on Cost of Power	\$	0.0824	4	\$	0.36	\$	0.0824	4	\$ 0.36	\$	-	0.00%
Total Deferral/Variance Account Rate	-\$	0.5712	1	\$	0.57) -	-6	0.3899	1	\$ (0.39	2 (0.18	-31.74%
Riders	1*	0.0112		Ψ	7.01)	Ψ		•				31.7470
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	\$	0.06	\$	0.0590	1	\$ 0.06	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	s	_	1	\$		\$		1	\$ -	s	_	
	l.					Ť				ľ		
Additional Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$ -	\$	-	
Additional Volumetric Rate Riders			1	\$		\$	-	1	\$ -	\$	-	
Sub-Total B - Distribution (includes				\$ 1.63	2.71				\$ 1.652.49	s	19.78	1.21%
Sub-Total A)				, , , , ,		_			, , , , , , , , , , , , , , , , , , , ,			
RTSR - Network	\$	1.9069	1	\$	1.91	\$	2.0233	1	\$ 2.02	\$	0.12	6.10%
RTSR - Connection and/or Line and	s	1.7895	1	\$	1.79	\$	1.9058	1	\$ 1.91	\$	0.12	6.50%
Transformation Connection			·	*		*			*	Ť	****	
Sub-Total C - Delivery (including Sub-				\$ 1.63	5.40				\$ 1.656.42	: s	20.01	1.22%
Total B)				.,					* .,	*		
Wholesale Market Service Charge	s	0.0034	107	\$	0.36	\$	0.0034	107	\$ 0.36	\$	-	0.00%
(WMSC)	, ·			,					*	1		
Rural and Remote Rate Protection	\$	0.0005	107	\$	0.05	\$	0.0005	107	\$ 0.05	\$	-	0.00%
(RRRP)										. `		
Standard Supply Service Charge TOU - Off Peak	\$	0.25	1			\$	0.25	1	\$ 0.25		-	0.00%
	\$	0.0650	67			\$	0.0650	67	\$ 4.35		-	0.00%
TOU - Mid Peak	\$	0.0940	18				0.0940	18	\$ 1.65		-	0.00%
TOU - On Peak	\$	0.1340	19	\$	2.48	\$	0.1340	19	\$ 2.48	\$		0.00%
Total Bill on TOU (before Taxes)					5.55		400/		\$ 1,665.57		20.01	1.22%
HST		13%			3.92		13%		\$ 216.52		2.60	1.22%
Total Bill on TOU				\$ 1,85	1.48				\$ 1,882.09	\$	22.62	1.22%



Customer Class: STREET LIGHTING S
RPP / Non-RPP: Non-RPP (Other)
Consumption 303 kWh
Demand 1 kW
urrent Loss Factor 1.0421
rroved Loss Factor 1.0421

Current Loss Factor Proposed/Approved Loss Factor

		Current Of	B-Approve	i			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)		-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	-\$	0.5364	1	\$ (0.54	٠. د	0.4024	1	\$ (0.40)	\$ 0.13	-24.98%
Riders	T*	0.0004		ψ (0.0-	, ,			, ,	_ ·	24.5070
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)	¢		4	e			4	•	s -	
	a a	-		φ -	Ф	-		-		
Additional Fixed Rate Riders	\$	-	1	\$ -	\$	-	1	\$ -	\$ -	
Additional Volumetric Rate Riders			1	\$ -	\$	-	1	\$ -	\$ -	
Sub-Total B - Distribution (includes				\$ 2,113.63	.			\$ 2,138.27	\$ 24.64	1.17%
Sub-Total A)				\$ 2,113.03	·			\$ 2,130.2 <i>1</i>	\$ 24.04	
RTSR - Network	\$	1.8973	1	\$ 1.90	\$	2.0132	1	\$ 2.01	\$ 0.12	6.11%
RTSR - Connection and/or Line and	s	1.7530	1	\$ 1.75	\$	1.8669	1	\$ 1.87	\$ 0.11	6.50%
Transformation Connection	a .	1.7550	-	φ 1.7¢	9	1.0009	-	φ 1.0 <i>1</i>	φ 0.11	0.30%
Sub-Total C - Delivery (including Sub-				\$ 2,117.28				\$ 2,142.15	\$ 24.87	1.17%
Total B)				φ 2,117.20				φ 2,142.13	ş 24.01	1.17 /0
Wholesale Market Service Charge	\$	0.0034	316	\$ 1.07	\$	0.0034	316	\$ 1.07	s -	0.00%
(WMSC)	9	0.0034	310	Ψ 1.07	Ψ	0.0034	310	Ψ 1.07	Ψ -	0.0076
Rural and Remote Rate Protection		0.0005	316	\$ 0.16	s	0.0005	316	\$ 0.16	¢ -	0.00%
(RRRP)	a a	0.0003	310	Φ 0.16		0.0005	310	\$ 0.16		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	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		1.16%
Total Bill on Average IESO Wholesale Market Price				\$ 2,431.90)			\$ 2,460.00	\$ 28.10	1.16%
				,						111474



		Current Ol	EB-Approve	d				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)	œ.	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%