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November 6, 2020

Ms. Christine Long Registrar Ontario Energy Board P.O. Box 2319 2300 Yonge Street, 27th Floor Toronto, ON M4P 1E4

RE: EB-2020-0005 Bluewater Power Distribution Corporation 2021 IRM Rate Application

Dear Ms. Long

Bluewater Power Distribution Corporation is pleased to submit its Application for 2021 Rates under the 4th Generation Incentive Rate-setting plan under the Annual IR regime.

An electronic copy has been submitted to the Board through the RESS system.

The following Excel models will be submitted:

- 1. 2021 IRM Rate Generator Model
- 2. GA Analysis Workform
- 3. LRAMVA Workform
- 4. Bluewater's Proposed 2021 Tariffs
- 5. 2021 IRM Checklist

Sincerely,

Trigas

Leslie Dugas Director of Regulatory and Customer Service Bluewater Power Distribution Corporation Email: <u>Idugas@bluewaterpower.com</u> Phone: 519-337-8201 Ext 2255



2021 RATE APPLICATION EB 2020-0005

November 6, 2020

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1	ONTARIO ENERGY BOARD
2 3	IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O.1998, c.15 (Sched. B)
4 5 6	AND IN THE MATTER OF an Application by Bluewater Power Distribution Corporation for an Order or Orders pursuant to section 78 of the <i>Ontario Energy Board Act, 1998</i> for 2021 distribution rates and related matters.
7 8	2 Application
9	The Applicant, Bluewater Power Distribution Corporation ("Bluewater"), is a licensed electricity
10	distributor operating pursuant to license ED-2002-0517. Bluewater distributes electricity to
11	approximately 36,000 customers in the municipalities of the City of Sarnia, the Town of Petrolia, the
12	Village of Point Edward, the Village of Oil Springs, the Township of Warwick, and the Township of
13	Brooke-Alvinston in Southwestern Ontario.
14	
15	Bluewater hereby applies to the Ontario Energy Board (the "OEB") for an order or orders made
16	pursuant to Section 78 of the Ontario Energy Board Act, 1998, as amended, (the "OEB Act") approving
17	just and reasonable rates for the distribution of electricity based on a 2021 4 th Generation Incentive
18	Rate-setting ("2021 IRM") application, under the Annual IR Index methodology effective May 1, 2021.
19	
20	Specifically, Bluewater hereby applies for an order or orders granting distribution rates updated and
21	adjusted in accordance with Chapter 3 of the Filing Requirements for Electricity Distribution Rate
22	Applications updated May 14, 2020 ("Filing Requirements"), including the following:
23	
24	a) A Price Cap Adjustment in accordance with the parameters of the 4 th Generation Incentive
25	Regulation for Ontario's Distributors;
26	b) an adjustment to the retail transmission service rates as provided in Guideline (G-2008-0001)
27	on Retail Transmission Service Rates – October 22, 2008 (Revision 4.0 June 28, 2012);
28	c) The disposition of certain deferral and variance account principal balances as at December 31,
29	2019, as discussed in Section 4 of the Manager's Summary, along with the carrying charges

1		projected to April 30, 2021 in accordance with the Section 3.2.5 of the Filing Requirements to		
2		be recovered over an eight month period;		
3	d)	Approval of a rate rider to recover lost revenues attributable to the implementation of		
4		certain conservation and demand management ("CDM") programs in 2019 and the		
5		persistence of past programs from 2011, 2012, 2013, 2014, 2015, 2016, 2017 and 2018 into		
6		2019 and 2020. The amount proposed for recovery is \$677,348 principal and \$10,446 carrying		
7		charges for a total claim of \$687,794 to be recovered over an eight month period;		
8	e)	Approval to book an amount of \$30,452 related to tax sharing amount for the year ending		
9		December 31, 2019 to Account 1595 for future disposition. The amount presented in Sheet 8		
10		of the Rate Generator Model does not result in a rate rider greater than four decimal places		
11		for any rate class. As a result, consistent with the guidance of Section 3.2.7 of the Filing		
12		Guidelines, we request the amount be booked for future disposition.		
13				
14	This Ap	plication is supported by written evidence that may be amended from time to time, prior to		
15	the Boa	ard's final decision on this Application.		
16				
17	In the e	event that the OEB is unable to provide a Decision and Order in this Application for		
18	implementation by the Applicant as of May 1, 2021, Bluewater requests that the OEB issue an Interim			
19	Rate Order declaring the current Distribution Rates and Specific Service Charges as interim, until the			
20	decide	d implementation date of the approved 2021 distribution rates.		
21				
22	In the e	event that the effective date does not coincide with the OEB's decided implementation date for		
23	2021 d	istribution rates and charges, Bluewater requests permission to recover the incremental		
24	revenu	e from the effective date to the implementation date.		
25				
26	The Ap	plicant requests that, pursuant to Section 32.01 of the OEB's Rules of Practice and Procedure,		
27	this pro	oceeding be conducted by way of written hearing.		
28				
29				

1 The Applicant requests that a copy of all documents filed with the OEB in this proceeding be served on 2 the Applicant as follows: 3 **Bluewater Power Distribution Corporation** 4 P.O. Box 2140 5 855 Confederation Street 6 Sarnia, ON N7T 7L6 7 8 Attention: 9 Ms. Leslie Dugas 10 Director of Regulatory and Customer Service ldugas@bluewaterpower.com 11 12 Telephone: (519) 337-8201 ext. 2255 13 Fax: (519) 332-3878 14 15 DATED at Sarnia, Ontario, this 6th day of November, 2020. 16 17 18 19 **BLUEWATER POWER DISTRIBUTION CORPORATION** 20 L. Dugas 21 22 23 Leslie Dugas, Director of Regulatory and Customer Service 24

3 List of Attachments

- 1. Bluewater's 2020 Approved Tariffs (EB-2019-0021)
- 2. 2021 IRM Rate Generator Model
- 3. Global Adjustment Workform
- 4. LRAMVA Workform
- 5. IESO Participation & Cost Report dated April 2019
- 6. Bluewater's Proposed 2021 Tariffs
- 7. 2021 IRM Checklist

1 **4 Certification of Evidence** 2

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 2021 4 th Generation Incentive Rate-setting mechanism, Annual
5	IR Index 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 of. The filing is consistent with the requirements of Chapter 3 of the Filing
8	Requirements for Electricity Distribution Rate Applications revised on May 14, 2020.
9	
10	
11	
12	Mark Hutson
	mant Hat
13	
14	
15	VP Finance and Chief Financial Officer
16	
17	

1 2	5 M	anager's Summary
$\frac{2}{3}$	Bluewa	ter Power Distribution Corporation ("Bluewater") hereby submits its complete application for
4	the app	proval of distribution rates proposed to be effective May 1, 2021 under the $4^{ m th}$ Generation
5	Incenti	ve Rate-setting mechanism, Annual IR Index ("2021 IRM").
6		
7	For pur	poses of the 2021 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		May 14, 2020 ("Filing Requirements")
12	•	Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008, Revision
13		4.0, June 28, 2012 ("RSTR Guidelines")
14	•	CBR Accounting Guidelines, dated July 25, 2016
15	•	Guidance on the Disposition of Accounts 1588 and 1589, dated May 23, 2017
16	•	Accounting Procedures Handbook Update – Accounting Guidance related to Accounts 1588
17		Power, and 1589 RSVA Global Adjustment, dated February 21, 2019
18		
19 20	Listed I	pelow are the specific items to be addressed in the Manager's Summary:
20		
21	1.	Overview
22	2.	Annual Adjustment
23	3.	Retail Transmission Service Charges
24 25	4. 5.	Proposed Deferral and Variance Account Balance Disposition Lost Revenue Adjustment Mechanism Variance Account Disposition ("LRAMVA")
23 26	5. 6.	Tax Changes
20	0. 7.	Proposed Rates and Tariffs
28	7. 8.	Bill Impacts
20 29	0.	
30		

1 **5.1 Overview**

2

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, 2020 under case number EB-2019-0021. Bluewater 7 received a Decision and Rate Order on April 16, 2020 that approved all requested rate proposals. A 8 letter was issued by the OEB on April 17, 2020 giving distributors the option to postpone 9 implementation of the May 1, 2020 rates until November 1, 2020 in light of uncertainties surrounding 10 the COVID-19 pandemic. On April 23, 2020 Bluewater advised the OEB that the May 1, 2020 rates 11 would be deferred for implementation until November 1, 2020. 12 13 By letter dated September 4, 2020, Bluewater sought approval from the OEB to implement its rates 14 that were deferred from May 1, 2020 to be effective November 1, 2020. A subsequent letter dated 15 September 30, 2020 from Bluewater requested to recover the Group 1 Deferral and Variance account 16 ("DVA") rate riders over a six month period rather than a twelve month period to align with our rate 17 year. On October 8, 2020 the OEB issued a Final Rate order for rates and other charges effective May 18 1, 2020 and implemented November 1, 2020 approving the requested six month disposition for the 19 DVA accounts. 20 21 Bluewater will publish the Notice of Application and Hearing upon direction from the OEB. 22 23 This Application will affect all ratepayers in Bluewater's service territory. A detailed breakdown of the 24 bill impacts for all customers is contained in Table 9 at the end of the Manager's Summary. 25 26 The internet address for Bluewater Power Distribution Corporation is: www.bluewaterpower.com 27 28 Bluewater requests that this Application be processed by way of a written hearing. 29 30

1 <u>Billing Determinants</u>

- 2 The 2021 IRM Rate Generator Model ("Rate Generator Model") imports the billing determinants from
- 3 the most recent data provided in the RRR filing for 2019, dated April 30, 2020. Bluewater confirms the
- 4 data in the Rate Generator Model is correct, and an excerpt from Section 2.1.5 of the RRR filing is
- 5 presented in Table 1, below, with a comparison to the data included in Sheet 4 of the OEB's Rate
- 6 Generator Model, as presented in Table 2. The loss factor used in Sheet 10 of the Rate Generator
- 7 Model is the loss factor as approved in 2013.
- 8
- 9
- 10

Table 1 – Excerpt from RRR Filings – Section 2.1.5 Table 3b (2019 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

GENERIC RATE CLASS	METERED CONSUMPTION IN KWHS (W=O+Q)	METERED CONSUMPTION IN KWS (X=P+R)
Residential	251,122,547.00	0.00
General Service < 50 kW	101,723,566.00	0.00
General Service >= 50 kW	324,989,625.00	794,193.00
Large User	290,955,053.00	477,954.00
Sub Transmission Customers	0.00	0.00
Embedded Distributor(s)	0.00	0.00
Street Lighting Connections	3,457,006.00	9,621.00
Sentinel Lighting Connections	474,594.00	1,299.00
Unmetered Scattered Load Connecti	2,202,857.00	0.00
Total (Auto-Calculated)	974,925,248.00	1,283,067.00

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Rate Class	Unit	Total Metered kWh	Total Metered kW
	LAAd		(
RESIDENTIAL SERVICE CLASSIFICATION	kWh	251,122,547	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	101,723,566	0
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	193,322,395	528,420
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	131,667,230	265,773
LARGE USE SERVICE CLASSIFICATION	kW	290,955,053	477,954
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,202,857	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	474,594	1,299
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,457,006	9,621
	Total	974,925,248	1,283,067

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

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4 5.2 Annual Adjustment

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6 Based on the current price cap parameters, the Rate Generator Model reflects an adjustment of 1.4%

7 to base distribution rates. That calculation is based on an inflation factor of 2.0%, less a productivity

8 factor of 0.0%, and less a stretch factor of 0.6%.

9

10 Bluewater was assigned a stretch factor of 0.3% based on the PEG Report to the Ontario Energy

11 Board, dated August 31, 2020. However, Bluewater acknowledges that the OEB directed by letter

12 dated June 19, 2020 that the OEB will be applying the Annual IR Index method to Bluewater's 2021

13 IRM rate application. Bluewater also acknowledges that the price escalator may change as a result of

14 an updated inflation factor.

15

The customers in the Residential rate class transitioned to fully fixed rates for rates effective May 1,
2019 so no further transition is required.

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1 2	5.3 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 10-15 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 for 2021. Those updates will be incorporated into
12	this application prior to a final decision by the Board.
13 14	5.4 Proposed Deferral and Variance Account Disposition
15	This section of the application deals with the following topics:
16	
17	5.4.1 Group 1 Disposition
18	5.4.2 Wholesale Market Participants
19	5.4.3 Class A and B Customers and Global Adjustment
20	5.4.4 Commodity Accounts 1588 and 1589
21	5.4.5 Capacity Based Recovery ("CBR") Class B Disposition
22	5.4.6 Account 1595 Workform
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1 *5.4.1* Group 1 Disposition

2

3 Bluewater is proposing to dispose of audited balances as of December 31, 2019 on a final basis. 4 Provided in Table 3, below, is the detailed claim by account number. The balance in the Group 1 5 accounts (Accounts 1550, 1551, 1580, 1584, 1586, 1588, and 1589) is (\$1,339,927). This leads to a 6 threshold test value of (\$0.0014)/kWh, which exceeds the materiality threshold of +/-\$0.001/kWh, as 7 defined in the Filing Requirements. Bluewater is proposing to dispose of the balance over an eight 8 month period, commencing May 1, 2021 for all Group 1 accounts with the exception of Account 1580 9 - Sub-Account CBR Class B where a twelve month disposition is requested in accordance with the 10 guidelines on page 15. An eight month disposition period is sought given that Bluewater plans on 11 filing a Cost of Service application for rates effective January 1, 2022, thus an eight month disposition 12 period will align with the new calendar year rate period. 13 14 Bluewater has calculated carrying charges from January 1, 2021 to April 30, 2021 at the Board's 15 current prescribed interest rate of 0.57%. 16 17 Bluewater confirms that no adjustments have been made to any deferral or variance account balances 18 previously approved by the OEB on a final basis, and we confirm the balances as reported in the RRR 19 filings match those presented in the continuity schedule in this application with the exception of one 20 noted variance which is explained further below. We confirm the account balances as presented Tab 21 3 – Continuity Schedule of the rate generator model match the values in the audited financial 22 statements.

23

Bluewater is proposing disposition of Account 1568- LRAM variance account related to conservation
activities in this application. The variance between the level of conservation included in the 2013
rebasing application and the actual results for 2019, including persistence from 2011 to 2020
inclusive, is greater than Bluewater's materiality threshold; therefore, Bluewater requests disposition
of the amount of \$687,794. Further details supporting the claim are found in Section 5 of this
Application.

		ances		$2.1.7 \text{ RRR}^5$	
Account Descriptions	Account Number	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2019	Variance RRR vs. 2019 Balance (Principal + Interest)
Group 1 Accounts					
LV Variance Account	1550	214,371		211,145	(
Smart Metering Entity Charge Variance Account	1551	(5,333)		(45,370)	(
RSVA - Wholesale Market Service Charge ⁵	1580	(829,717)		(951,190)	(133,961
Variance WMS – Sub-account CBR Class A ⁵	1580	0		0	(
Variance WMS – Sub-account CBR Class B ⁵	1580	(136,015)		(133,961)	(
RSVA - Retail Transmission Network Charge	1584	257,573		253,627	(
RSVA - Retail Transmission Connection Charge	1586	75,483		74,376	(
RSVA - Power ⁴	1588	(891,341)		(877,921)	(
RSVA - Global Adjustment ⁴	1589	(24,948)		(24,459)	(
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	No	0	(
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	No	0	(
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	No	32,308	32,308
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	No	39,022	(
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	No	31,536	(
Disposition and Recovery/Refund of Regulatory Balances (2019) ³					
Refer to the Filing Requirements for disposition eligibility.	1595	0	No	(631,171)	(
RSVA - Global Adjustment	1589	(24,948)		(24,459)	(
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,314,979)		(1,863,638)	32,308
Total Group 1 Balance		(1,339,927)		(1,888,097)	32,308
LRAM Variance Account (only input amounts if applying for disposition of this account	1568	687,794		0	(680,850
Total including Account 1568		(652,133)		(1,888,097)	(648,542

Table 3 – Deferral and Variance Account Claim by Account

2 3

1

4 Variances between the 2.1.7 RRR and the balances as of Dec 31, 2019

5	٠	<u>RSVA – Wholesale Market Service Charge (Row 23 of Tab 3)</u> : The variance of (\$133,961)
6		equates to the value in the WMS – Sub-account CBR Class B (Row 25), as reported in 2.1.7
7		RRR. The value presented under the column "As of Dec 31, 2019" for RSVA – Wholesale
8		Market Service Charge of (\$951,190) includes the amount of (\$133,961) pertaining to WMS –
9		Sub-account CBR Class B (Row 25). Therefore, there is no variance on an aggregate level.
10	٠	Disposition of Account 1595 (2016) (Row 33 of Tab 3): The amount of \$32,308 shown under
11		the column "2.1.7 As of December 31, 2019" should be zero. This amount was fully settled
12		and should not have been reported in the RRR filing of April 30, 2020. We have not proposed
13		to file a revision request for the RRR balance given the immaterial dollar value of the
14		adjustment.
15	٠	LRAM Variance Account (Row 43): The variance of (\$680,850) pertains to the LRAMVA amount

1 amount is not booked to the variance account until the value is calculated and finalized; as a

- 2 result, no amount was included in RRR 2.1.7 for 2019.
- 3
- 4 Table 4 summarizes the amount of the disposition and the calculation of the rate riders by rate
- 5 category for the Group 1 Deferral/Variance Accounts. Bluewater proposes to dispose these amounts

6 over an eight month period commencing May 1, 2021.

7

8

Table 4 – Deferral and Variance Account Balances for Proposed Disposition

Rate Class	Unit	Allocation of Group 1 Account Balances to All Classes	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable)	Deferral/Varia nce Account Rate Rider	Deferral/Variance Account Rate Rider for Non- WMP
RESIDENTIAL SERVICE CLASSIFICATION	kWh	(369,065)	,	(0.0022)	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	(148,057)		(0.0022)	0.0000
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	108,552	(380,579)	0.3081	(1.0966)
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	(190,978)		(1.0779)	0.0000
LARGE USE SERVICE CLASSIFICATION	kW	163,373	(353,313)	0.5127	(1.8197)
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	(3,195)		(0.0022)	0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	(688)		(0.7949)	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	kW	(5,014)		(0.7818)	0.0000

⁹ 10

11 *5.4.2* Wholesale Market Participants

12

13 Bluewater has two wholesale market participants ("WMP"), one in the General Service > 50 kW rate

14 class and one in the Large Use rate class. WMPs do not contribute to the variances in Accounts 1580,

15 1588, or 1589; therefore, the WMP customers should not be party to the disposition of these

16 accounts.

17

18 Consequently, and in accordance with Section 3.2.5.1 of the Filing Requirements, Bluewater agrees

19 with the calculations presented in the Rate Generator Model in determining the deferral and variance

20 account balances to be allocated to WMPs and non-WMPs.

- 1 5.4.3 Class A and B Customers and Global Adjustment 2 3 The OEB has noted in the Filing Requirements that Class A customers pay Global Adjustment on an 4 'actual' basis; therefore, no variance accumulates in Account 1589 related to Class A customers once 5 they become Class A customers. Thus, these Class A customers, in addition to WMPs, should not be 6 party to the disposition in Account 1589. Table 5, below, indicates the number of Class A customers 7 and the year they became Class A. At the end of 2019 Bluewater had 14 Class A customers, and no 8 customers transitioned in to or out of Class A during 2019, which is the disposition period for the 9 deferral and variance accounts in this Application. Therefore there are no customer specific 10 adjustments required for either Global Adjustment or CBR disposition. 11
- 12
- 13

Table 5 – 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

14 15

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

17 ("Intermediate") rate class, the Large Use rate class and all customers within the Street Lighting rate

18 class pay Global Adjustment ("GA") based on either the peak demand factor ("PDF") for Class A

1	customers or the <u>Actual GA rate</u> for Class B customers in the above noted rate classes therefore no
2	variance in Account 1589 should be attributed to them. These classes of customers are billed in our
3	billing system on a calendar month basis; therefore, they are able to be charged the actual GA rate (if
4	they are not Class A) because the GA rate as produced by the IESO is a calendar month rate. In 2019
5	Bluewater had 11 Intermediate customers: 10 were Class A and were charge GA based on their PDF
6	factor, and 1 was Class B charged the Actual GA rate. Bluewater has 4 customers in its Large Use rate
7	class: 1 is a WMP and 3 are Class A, charged GA based on their PDF factor.
8	
9	Customers in the other rate classes not noted above are billed based on the <u>1st Estimate GA Rate</u> ,
10	because they are not all billed on a calendar month basis within the same rate class. This includes non-
11	RPP customers in the Residential, GS<50, GEN>50, and a small number of customers in the Sentinel
12	and Unmetered Scattered Load rate classes. Variances related to the difference between the 1^{st}
13	Estimate GA rate and the Actual GA rate are held in Account 1589 for disposition to the non-RPP Class
14	B customers.
15	
16	The total amount requested for disposition for Account 1589 – RSVA Global Adjustment is (\$24,948).
17	
18	Modifications were made to Sheet "6.1 GA" (with support from OEB staff) to remove the kWh related
19	to the customers in Intermediate, Large Use and Streetlighting rate classes that did not contribute to
20	the balance in Account 1589, leaving the remaining rate class kWh in order to calculate the GA rate
21	rider of (\$0.0002) per kWh as detailed in Table 6 below. Bluewater proposes to return this amount to
22	customers over an eight month period commencing May 1, 2021.
23	
24	
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Table 6 – GA Rate Rider (from Sheet 6.1 of 2021 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)
		kWh			
	RESIDENTIAL SERVICE CLASSIFICATION	7,317,353	4.5%		(\$0.0002)
	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	17,912,667	11.0%		(\$0.0002)
	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	137,250,195	84.3%	(\$21,027) \$0	(\$0.0002) \$0.0000
	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION LARGE USE SERVICE CLASSIFICATION	0	0.0%	\$0 \$0	
	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	329,071	0.2%		(\$0.0002)
	SENTINEL LIGHTING SERVICE CLASSIFICATION	32,098	0.0%	(\$5)	(\$0.0002)
-	STREET LIGHTING SERVICE CLASSIFICATION	0	0.0%		\$0.0000
3		162,841,384	100.0%	(\$24,947)	
4 5					
6 7 8	<i>5.4.4</i> Commodity Accounts 1588 and The OEB released guidance on February 21, 2		nce related to	Accounts	
		-			
9	1588 Power, and 1589 Global Adjustment."	The Accounting Guidance was eff	ective January	1, 2019	
10	and was to be implemented by August 31, 20	19.			
11					
12	In Bluewater's most recent 2020 IRM Decisio	n (EB-2019-0021), the OEB grante	ed final dispos	ition of	
13	Balances as of December 31, 2018 and appro	ved on a final basis the Decembe	r 31, 2017 bal	ances that	
14	were previously disposed on an interim basis	in Bluewater's 2019 IRM proceed	ding (EB-2018	-0019).	
15					
16	Bluewater confirms that it is in full compliance	e with the Accounting Guidance	and the proce	sses were	
17	implemented effective January 1, 2019.				
18	· , ,				
19	Bluewater is requesting final disposition for t	he balance in Account 1588 RSVA	– Power in tł	ne amount	
20	of (\$891,341), and for the balance in Account	t 1589 – Global Adjustment in the	amount of (\$	24,948).	
21	Bluewater has completed the GA Analysis Wo	orkform to support the claim for a	disposition for	Account	
22	1589 and notes the variance is less than 1%.				

1	The GA Analysis Workform now includes a tab "Principal Adjustments". Bluewater did not have any
2	principal adjustments included in the last approved balance as of December 31, 2018 for both Account
3	1588 or Account 1589 and therefore has not included any data in this tab.
4	
5	Bluewater has two rate classes that have customers that are billed on the Actual GA rate (General
6	Service 1000-4999 kW and Street Lighting). The remaining Class B customers are billed based on the
7	1 st Estimate GA. The GA Workform has been modified (with support from OEB Staff) to add columns to
8	segregate the kWh related to the customers charged the Actual GA rate from the remaining Class B
9	customers who are charged based on the 1 st Estimate GA rate.
10	
11	Bluewater has completed the GA Workform for 2019 data and has been able to identify reconciling
12	items such that the variances fall below the materiality threshold of 1%.
13	
14 15	5.4.5 Capacity Based Demand Response (CBR) Class B Disposition
16	Bluewater has recorded Capacity Based Recovery ("CBR") costs and revenues separately for Class A
17	and Class B customers in the respective Account 1580 subaccounts. CBR Class A is disposed of based
18	on the customers PDF factor and therefore there is no variance in Account 1580 – Sub Account CBR
19	Class A.
20	Bluewater is proposing to dispose of "Variance WMS - Sub-Account CBR – Class B" through this
21	Application. The total amount requested for disposition including carrying charges is (\$136,015).
22	Although Bluewater is proposing an eight month disposition period for the Group 1 Accounts, the
23	Accounting Guidelines on page 20 indicates "The balance in Account 1580, Sub-Account CBR B must be
24	disposed over the default period of one year." Accordingly, Bluewater is requesting a one year
25	disposition period for the balance in this account. The proposed rate riders are presented in Table 7
26	below. Bluewater would support the disposition of Account 1580 – Sub-Account CBR Class B over an
27	eight month period as well if the OEB would support that variation from the Filing Requirements,
28	however the IRM rate generator model would require modification.
29	
30	

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Table 7 – CBR Class B Disposition

Rate Class	Unit	Metered Consump Class B Custor Consumption LESS and Transition	ners (Total S WMP, Class A	% of total kWh	Class B \$ allocated to Current Class B Customers	
		kWh	kW			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	251,122,547	0	46.1%	(\$62,719)	(\$0.0002)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	101,723,566	0	18.7%	(\$25,406)	(\$0.0002)
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	183,950,487	509,705	33.8%	(\$45,943)	(\$0.0901)
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	1,660,281	10,588	0.3%	(\$415)	(\$0.0392)
LARGE USE SERVICE CLASSIFICATION	kW	0	0	0.0%	\$0	\$0.0000
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,202,857	0	0.4%	(\$550)	(\$0.0002)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	474,594	1,299	0.1%	(\$119)	(\$0.0916)
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,457,006	9,621	0.6%	(\$863)	(\$0.0897)
	Total	544,591,341	531,213	100.0%	(\$136,015)	

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6 5.4.6 Account 1595 Workform

8 Bluewater is not requesting disposition of any balances in Account 1595 in this application. The

9 earliest vintage year with a balance of \$32,308 relates to sub-account 1595 (2017). The residual

10 balances of the 2017 rate riders become eligible to be disposed of on a final basis once the balances as

11 of December 31, 2020 have been audited, therefore sub-account 1595 (2017) would be eligible for

12 disposition in the 2022 rate year.

13

14 Since Bluewater is not eligible to seek disposition of any residual balances, the Account 1595

- 15 Workform is not required to be completed.
- 16
- 17
- 18
- 19
- 20
- 0.1
- 21
- 22

1 2

5.5 Lost Revenue Adjustment Mechanism

Bluewater is proposing recovery for lost revenue associated with the implementation of Conservation
 and Demand Management ("CDM") programs. The OEB has established Account 1568 LRAMVA to
 capture the difference between OEB-approved CDM forecast and the actual results at the customer
 rate class level.

7

8 On March 20, 2019, the Minister of Energy, Northern Development and Mines ("MEDM") issued 9 directives to the OEB and the IESO with the effect of concluding the Conservation First Framework 10 ("CFF") but allowing applications in progress to be completed. Bluewater has processed applications 11 for projects to be completed in 2019 as well as 2020. Furthermore, on July 22, 2020 the MEDM directed 12 the IESO to extend the timelines for completion of certain projects under the CFF until June 30, 2021. 13 Bluewater expects to have projects come into service related to the CFF extension into 2021. 14 Bluewater last made an LRAMVA claim in its 2020 IRM application (EB-2019-0021) for programs up to, 15 and including 2018, and was approved for recovery of \$359,628. Recovery of these amounts will 16 commence November 1, 2020 for a six month period ending April 30, 2021. 17

In this application, Bluewater is proposing to recover lost revenue for the year 2019 and persistence of
programs into 2020 in the amount of \$687,794, including carrying charges to the end of April 2021.
Bluewater is proposing an eight month recovery period commencing May 1, 2021 to December 31,
2021. The excel model of the LRAMVA Workform is attached.

22

To smooth rates and mitigate future rate impacts anticipated with Bluewater's 2022 Cost of Service ("COS") application, Bluewater proposes to recover the <u>persistence of programs up to and including</u> <u>2020</u> in this application, however, Bluewater intends to dispose of the savings related to the <u>actual 2020</u> <u>projects as part of its 2022 COS proceeding or later</u>. Although this approach of proposing to claim for persistence into 2020 without the incremental 2020 projects is not standard, we feel that this is appropriate in order to mitigate future bill impacts. That is proposed this year because we foresee significant project results related to large projects in 2020 and into 2021; therefore, by disposing of the

1	persistence in 2020 in this application we feel that will help mitigate the LRAMVA claim in the future
2	thereby helping to isolate customers from larger rate swings.
3	
4	Bluewater's CDM activities consist of programs initiated by the Independent Electricity System Operator
5	(IESO). In this application Bluewater is claiming a LRAMVA amount pertaining to full lost revenues in
6	2019 and lost revenues associated with persistence of earlier programs in 2019 and 2020. Therefore,
7	Bluewater is entitled to 2019 persistence of IESO CDM program activities from 2011 to 2019 for its lost
8	revenue in 2019, and persistence of activities from 2011 to 2019 for its lost revenue in 2020.
9	
10	In 2019, Bluewater achieved 11,865,926 kWh in excess of the 2013 target for Residential customers,
11	2,995,460 kWh above target for GS < 50 kW customers, and 35,877 kWh below target for the USL class.
12	Demand savings were 57,113 kW above the target for the GS 50 – 999 kW class, 5,597 kW above the
13	forecast for the GS > 1,000 kW class, 3 kW below target for the Sentinel Light class, 44kW below target
14	for the Street Light class, and 1,754 kW above target for the Large Use class.
15	
16	Persistence of programs from 2011 to 2019 into 2020 is nearly identical to persistence of those
17	programs in 2019. The relative savings are slightly lower as a result of the loss in persistence from 2019
18	to 2020.
19	
20	In 2020, Bluewater will have achieved 11,640,543 kWh in excess of the 2013 target for Residential
21	customers, 2,986,116 kWh above target for GS < 50 kW customers, and 35,877 kWh below target for
22	the USL class. Demand savings were 57,229 kW above the target for the GS 50 – 999 kW class, 5,601
23	kW above the forecast for the GS > 1,000 kW class, 3 kW below target for the Sentinel Light class, 44kW
24	below target for the Street Light class, and 1,751 kW above target for the Large Use class.
25	
26	Consumption and demand figures above are relative to the targets established in Bluewater's 2013 Cost
27	of Service Application EB-2012-0107. The LRAMVA thresholds are provided on page 25 of the
28	Settlement Agreement of that proceeding, which has been copied below in Table 8 for reference.
29	

Table 8 – Targets established in 2013 Cost of Service Application

	Weather Normalized 2013F (Elenchus)		LRAMVA Allocation (kWh)
	Α		В
Residential (kWh)	259,773,254	26%	4,162,607
GS<50 (kWh)	99,956,659	10%	1,601,705
GS>50 (kW)	225,433,209	22%	3,612,342
Intermediate	159,155,521	16%	2,550,308
Large Users	251,579,433	25%	4,031,309
USL (kWh)	2,238,935	0%	35,877
Sentinel Lights (kW)	627,674	0%	10,058
Street Lights (kW)	9,137,954	1%	146,427
Total Customer (kWh)	1,007,902,639	100%	16,150,632
original CDM		-	

Settlement Table #7 – LRAMVA Allocation

	Weather Normalized 2013F (Elenchus)		LRAMVA Allocation (kW)
	Α		в
Residential (kWh)		0%	-
GS<50 (kWh)		0%	-
GS>50 (kW)	622,378	45%	1,126
Intermediate	335,318	24%	607
Large Users	398,793	29%	722
USL (kWh)		0%	-
Sentinel Lights (kW)	1,452	0%	3
Street Lights (kW)	24,551	2%	44
Total Customer (kWh)	1,382,492	100%	2,502

2

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3 Bluewater confirms that the most recent input assumptions have been used in making this claim.

Bluewater's persisting results are based on the 2011-2014 Final Results Report, Final 2015 Annual
Verified Results Report, Final 2016 Annual Verified Results Report, the Final 2017 Annual Verified
Results Report, and the 2018 Participation and Cost Report (April 2019 version), all provided by the
IESO.

8

9 Section 3.2.6.1 of the Chapter 3 Filing Requirements allow for detailed project level savings files as 10 supporting documentation when assessing applications for lost revenue where final verified results 11 from the IESO are not available. In 2019, Bluewater's customers completed 76 projects under the 12 Retrofit program and completed 4 projects under the Process and Systems Upgrades ("PSUI") program. 13 The details supporting the Gross kWh and kW are presented on Tab 3.a of the LRAMVA workform for

both the Retrofit and PSUI programs. Since each project is known, the rate class can be specifically assigned in order to allocate the total savings for each year to the applicable rate class. The Save on Energy Heating and Cooling Program is a consumer program so the savings provided in the April 2019 Participation & Cost Report for this program have been allocated to the Residential class. In years prior to 2019, the allocation to rate classes as originally submitted by Bluewater and subsequently approved by the OEB have not changed.

7

8 Savings from the 2019 Retrofit and PSUI programs are based on the cumulative savings of completed 9 projects that were approved before April 2019, adjusted by applicable realization rates and net-to-gross 10 ratios. The data related to each project under each of the Retrofit and PSUI are detailed in Tab 3.a of 11 the LRAMVA workform along with the adjustments to the gross results to determine the net results. 12 The 2017 Realization Rates and Net-to-Gross ratios from the IESO's 2017 Industrial Programs Evaluation 13 report have been applied to the gross savings. Persistence values from the References Tables in the 14 April 2019 Participation & Cost Report are applied to savings in future years from 2019 projects. The 15 April 2019 Participation & Cost Report is provided at Attachment 5.

16

17 Net incremental peak demand savings (kW) for 2018 are not provided in the 2018 Participation and 18 Cost Report (dated April 2019). For the Coupon Program, Retrofit Program, Heating and Cooling 19 Program, Small Business Lighting Program, and Existing Building Commission Program, the average kW 20 to kWh ratio of the program's historic savings are applied to the 2018 net incremental energy savings 21 to approximate 2018 net incremental demand savings. The same ratios are applied to 2019 savings from 22 the April 2019 Participation and Cost Report. The Instant Discount Program and Smart Thermostat 23 Program did not have historical savings, however all savings are allocated to the consumption-billed 24 Residential class so demand savings figures are not required.

25

Carrying charges totaling \$10,446 have been calculated to the end of April 2021 with the OEB's
 Approved Deferral and Variance Accounts prescribed interest rates. The rates in 2021 Q1 and 2021 Q2
 are not yet available so the 2020 Q4 rate of 0.57% is used in those periods.

Bluewater has not made any adjustments to previously claimed LRAMVA amounts. Bluewater has made adjustments to the LRAMVA workform to include persistence of 2011-2019 programs to 2020. For Bluewater's next LRAMVA claim, all persistence figures to 2020 will be cleared from the LRAMVA workform to ensure lost revenues in 2020 includes only incremental 2020 programs without persistence.

- 6
- 7

Table 9 - LRAMVA Claim Summary – Principal
--

Rate Class			2020 Persistence	Total
Residential	Actual	\$30,454	\$0	\$22,545
hesidentia	Forecast	(\$7,909)	\$0	<i>\\\\\\\\\\\\\</i>
GS < 50 kW	Actual	\$91,943	\$92,674	\$120,229
	Forecast	(\$32,034)	(\$32,354)	<i>¥120,223</i>
GS 50 – 999 kW	Actual	\$259,705	\$261,997	\$511,625
	Forecast	(\$5,021)	(\$5,055)	<i>Ş</i> 511,025
GS > 1,000 kW	Actual	\$11,287	\$11,370	\$20,440
03 × 1,000 kW	Forecast	(\$1,104)	(\$1,112)	<i>720,</i> 440
Sentinel	Actual	\$0	\$0	(\$165)
	Forecast	(\$82)	(\$83)	(\$105)
Street Lighting	Actual	\$0	\$0	(\$1,771)
Street Lighting	Forecast	(\$883)	(\$889)	(71,771)
USL	Actual	\$0	\$0	(\$2,526)
USL	Forecast	(\$1,259)	(\$1,266)	(72,320)
Large Use	Actual	\$4,908	\$4,935	\$6,970
Large Use	Forecast	(\$1,431)	(\$1,441)	<i>40,310</i>
Total	Actual	\$398,297	\$370,975	\$677,348
	Forecast	(\$49,724)	(\$42,201)	40, 1, 04

- 1 Bluewater is proposing to dispose of these amounts over an eight month period through rate riders
- 2 effective May 1, 2021 to December 31, 2021. The following table outlines the proposed disposition.
- 3 LRAMVA Claim Summary Total and Proposed Rate Rider
- 4
- 5

6

<u> Table 10 – Proposed LRAMVA Rate Rider</u>

Rate Class	Billing Unit	Principal	Carrying Charges	Total LRAMVA	Billing Determinants (per Sheet 4 of IRM model)	Proposed Rate Rider (\$)
Residential	kWh	\$22,545	\$579	\$23,125	251,122,547	0.0001
GS < 50 kW	kWh	\$120,229	\$1,813	\$122,041	101,723,566	0.0018
GS 50 - 999 kW	kW	\$511,625	\$7,708	\$519,333	528,420	1.4742
GS > 1,000 kW	kW	\$20,440	\$308	\$20,748	265,773	0.1171
Sentinel Lighting	kW	(\$165)	(\$2)	(\$168)	1,299	(0.1940)
Street Lighting	kW	(\$1,771)	(\$27)	(\$1,798)	9,621	(0.2803)
USL	kWh	(\$2,526)	(\$38)	(\$2,564)	2,202,857	(0.0017)
Large Use	kW	\$6,970	\$105	\$7,076	477,954	0.0222
Total		\$677,348	\$10,446	\$687,794		

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1 5.6 Tax Changes

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

5

2

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.

9

10 The difference between the tax rate embedded in base distribution rates and the current tax rate

11 leads to an incremental tax liability of \$60,905 per year. When shared 50/50, the amount to be

12 recovered from rate payers is \$30,452.

13

14 The Decisions related to the past 5 rate applications (2016 IRM EB 2015-0053, 2017 IRM EB-2016-

15 0057, 2018 IRM EB 2017-0027, 2019 IRM EB 2018-0019, and 2020 IRM EB-2019-0021) have required

16 the approved amount booked to Account 1595 for future disposition given that the annual amount

17 does not lead to a specific rate rider greater than 4 decimal places for all rate classes.

18 The similar situation arises for the amount proposed for the 2021 IRM Application. Bluewater requests

19 that the OEB allow Bluewater to book the current shared tax savings amount of \$30,452 to Account

 $20\,$ $\,$ 1595 for future disposition. The amount booked will correspond to the year of the rate decision $\,$

21 relating to account 1595.

22 5.7 Proposed Rates and Tariffs

23

24 The rates proposed in this application are found at Attachment 6 - Proposed Rates.

25 An excel version of the proposed rates is included with this application. We note two changes that

- 26 manually performed on the excel version of the proposed tariffs:
- 27

28

29

The Effective date was changed to reflect "May 1, 2021" from "May 1, 2020"

- The sunset dates for each of the rates riders was changed from "December 30, 2021" to "December 31, 2021"
- 30
- 31

5.8 Bill Impacts 1

2

3 The bill impacts from the proposed rates are summarized in Table 11. Detailed bill impacts by rate

- 4 class are found at Tab 20 of the 2021 IRM Rate Generator model.
- 5

<u> Table 11 – Proposec</u>	Monthly Bill Impacts

6	<u>Table 11 – Proposed</u>	d Monthly	y B	ill Im	pacts										
	RATE CLASSES / CATEGORIES		Sub-Total										Total		
	RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units		1	4		B	;		C	;		Total	Bill	
	(eg. Residential 100, Residential Retailer)			\$	%		\$	%		\$	%		\$	%	
	RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$	(0.61)	-1.8%	\$	(0.31)	-0.9%	\$	(0.63)	-1.3%	\$	(0.51)	-0.4%	
	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$	1.52	2.1%	\$	1.92	2.4%	\$	1.09	1.0%	\$	0.88	0.3%	
	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - RPP	kW	\$	39.70	8.2%	\$	40.91	9.4%	\$	32.03	4.3%	\$	26.01	0.9%	
	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	177.76	2.4%	\$	202.33	3.8%	\$	(134.93)	-0.8%	\$	(152.47)	-0.1%	
	LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	126.80	0.3%	\$	86.80	0.2%	\$(1,733.20)	-1.8%	\$(1	L,958.52)	-0.2%	
	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$	(0.47)	-1.2%	\$	(0.47)	-1.1%	\$	(0.77)	-1.5%	\$	(0.62)	-0.5%	
	SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$	(3.99)	-0.2%	\$	(4.02)	-0.2%	\$	(4.13)	-0.2%	\$	(3.36)	-0.2%	
	STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	(0.16)	0.0%	\$	(0.14)	0.0%	\$	(0.26)	0.0%	\$	(0.29)	0.0%	
	RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$	(0.61)	-1.8%	\$	3.74	11.4%	\$	3.42	7.8%	\$	3.87	2.3%	
7	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$	39.70	8.2%	\$	148.91	46.1%	\$	140.03	22.1%	\$	158.24	3.9%	

7 8

All of which is respectfully submitted. 9

Attachment 1

Bluewater Power's 2020 Approved Tariffs

(EB-2019-0021)

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) 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

Service Charge	\$	32.76
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	0.55
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	(0.0056)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2020) - effective until April 30, 2021	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0026)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

MONTHLY RATES AND CHARGES - Regulatory Component

EB-2019-0021

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

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES

Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

Service Charge	\$	29.33
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	0.49
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0204
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	(0.0056)
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$/kWh	0.0003
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2020) - effective until April 30, 2021	\$/kWh	0.0010
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0024)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

MONTHLY RATES AND CHARGES - Regulatory Component

EB-2019-0021

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

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	156.68
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	2.63
Distribution Volumetric Rate	\$/kW	4.5531
Low Voltage Service Rate	\$/kW	0.0748
- effective from November 1, 2020 and effective until April 30, 2021 Distribution Volumetric Rate	÷.	4.5531

Issued - April 16, 2020 Updated - October 8, 2020

(0.0056)

0.0819

0.7870

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors EB-2019-0021 Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers \$/kWh Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021 \$/kW Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021 \$/kW Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021

Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0244)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.2092
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kW	(0.0836)
Retail Transmission Rate - Network Service Rate	\$/kW	2.7340
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4459

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

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,444.01
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	57.57
Distribution Volumetric Rate	\$/kW	1.8574
Low Voltage Service Rate	\$/kW	0.0820

Issued - April 16, 2020 Updated - October 8, 2020

EB-2019-0021

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

Applicable only for Class B Customers	\$/kW	(0.0380)
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0316
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2020) - effective until April 30, 2021	\$/kW	0.0224
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(1.0908)
Retail Transmission Rate - Network Service Rate	\$/kW	2.9038
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6813

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

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) 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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$	26,950.23
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation	
- effective from November 1, 2020 and effective until April 30, 2021 \$	450.50
Distribution Volumetric Rate \$/kW	2.0239
Low Voltage Service Rate \$/kW	0.0938

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

		EB-2019-0021
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation - effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.0331
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	\$/kW	(0.0026)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.6392)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.3362
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2152
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.0662

MONTHLY RATES AND CHARGES - Regulatory Component

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

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	13.18
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	0.22
Distribution Volumetric Rate	\$/kWh	0.0358
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	(0.0056)
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2020) - effective until April 30, 2021	\$/kWh	(0.0012)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

MONTHLY RATES AND CHARGES - Regulatory Component

EB-2019-0021

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

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0021

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.24
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	0.07
Distribution Volumetric Rate	\$/kW	28.0058
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	(0.0056)
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.4684
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2020) - effective until April 30, 2021	\$/kW	(0.1304)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.7798)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until April 30, 2021		
Applicable only for Class B Customers	\$/kW	(0.0798)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0723
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9305

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

MONTHLY RATES AND CHARGES - Regulatory Component

EB-2019-0021

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

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.63
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$	0.04
Distribution Volumetric Rate	\$/kW	20.4831
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	(0.0830)
Rate Rider for Recovery of COVID-19 Forgone Revenue from Postponing Rate Implementation		
- effective from November 1, 2020 and effective until April 30, 2021	\$/kW	0.3430
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)		
(2020) - effective until April 30, 2021	\$/kW	(0.1784)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	(0.8048)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0619
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8911

Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

MONTHLY RATES AND CHARGES - Regulatory Component

EB-2019-0021

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

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2019-0021

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	\$	4.55
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)

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020 (unless indicated otherwise) This schedule supersedes and replaces all previously

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EB-2019-0021

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
Account history	\$	15.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Other Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	44.50

Bluewater Power Distribution Corporation TARIFF OF RATES AND CHARGES Effective May 1, 2020 Amended to Reflect the Implementation Date of November 1, 2020

(unless indicated otherwise)

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

EB-2019-0021

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	\$	102.00
Monthly fixed charge, per retailer	\$	40.80
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)	\$	4.08
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)	\$	2.04

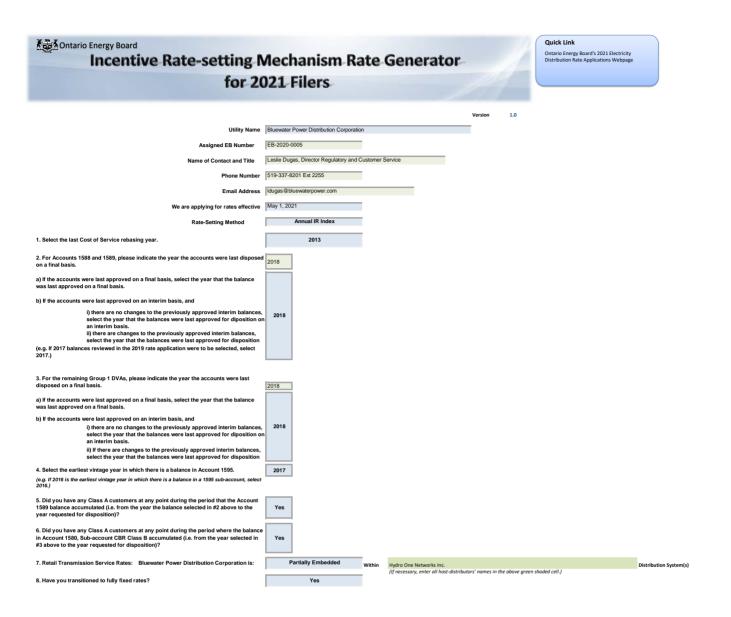
LOSS FACTORS

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	1.0170
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0316
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0069

Attachment 2

2021 IRM Rate Generator Model



Legend

Pale green cells represent input cells.

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

Please 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	Account Number	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
Group 1 Accounts						
LV Variance Account	1550	0				0
Smart Metering Entity Charge Variance Account	1551	0				0
RSVA - Wholesale Market Service Charge⁵	1580	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	0				0
RSVA - Retail Transmission Network Charge	1584	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0
RSVA - Power ⁴	1588	0				0
RSVA - Global Adjustment ⁴	1589	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						
Refer to the Filing Requirements for disposition eligibility.	1595	0				0
RSVA - Global Adjustment	1589	0	C	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0
Total Group 1 Balance		0	0	0 0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		0	C	0	0	0

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.

		-				
Account Descriptions	Account Number	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts						
LV Variance Account	1550	0				0
Smart Metering Entity Charge Variance Account	1551	0				0
RSVA - Wholesale Market Service Charge⁵	1580	0				0
Variance WMS – Sub-account CBR Class A⁵	1580	0				0
Variance WMS – Sub-account CBR Class B⁵	1580	0				0
RSVA - Retail Transmission Network Charge	1584	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0
RSVA - Power ⁴	1588	0				0
RSVA - Global Adjustment ⁴	1589	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						
Refer to the Filing Requirements for disposition eligibility.	1595	0				0
	1589		0	0	0	0
RSVA - Global Adjustment Total Group 1 Balance excluding Account 1589 - Global Adjustment	1263	0	-	0	0	0
Total Group 1 Balance excluding Account 1569 - Global Adjustment		0		0	0	0
		0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		0	0	0	0	0

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
Group 1 Accounts						
LV Variance Account	1550	0			295,532	295,532
Smart Metering Entity Charge Variance Account	1551	0			(44,983)	(44,983)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(2,627,709)	(2,627,709)
Variance WMS – Sub-account CBR Class A ⁵	1580	0			0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	0			(43,988)	(43,988)
RSVA - Retail Transmission Network Charge	1584	0			170,034	170,034
RSVA - Retail Transmission Connection Charge	1586	0			426,739	426,739
RSVA - Power ⁴	1588	0			(543,488)	(543,488)
RSVA - Global Adjustment ⁴	1589	0			(1,036,962)	(1,036,962)
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0			15,295	15,295
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0			86,219	86,219
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0			91,180	91,180
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0			30,493	30,493
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						
Refer to the Filing Requirements for disposition eligibility.	1595	0			0	0
RSVA - Global Adjustment	1589	0	0	C	(1,036,962)	(1,036,962)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	(2,144,676)	(2,144,676)
Total Group 1 Balance		0	0	0	(3,181,638)	(3,181,638)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0
Total including Account 1568		0	0	0	(3,181,638)	(3,181,638)

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.

Account Descriptions	Account Number	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	Opening Principal Amounts as of Jan 1, 2019
Group 1 Accounts							
LV Variance Account	1550	0			6,275	6,275	295,532
Smart Metering Entity Charge Variance Account	1551	0			(777)	(777)	(44,983)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(78,723)	(78,723)	(2,627,709)
Variance WMS – Sub-account CBR Class A⁵	1580	0			0	0	0
Variance WMS – Sub-account CBR Class B⁵	1580	0			842	842	(43,988)
RSVA - Retail Transmission Network Charge	1584	0			4,423	4,423	170,034
RSVA - Retail Transmission Connection Charge	1586	0			9,980	9,980	426,739
RSVA - Power ⁴	1588	0			(20,182)	(20,182)	(543,488)
RSVA - Global Adjustment ⁴	1589	0			3,036	3,036	(1,036,962)
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0			0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0			(51,343)	(51,343)	15,295
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0			112,840	112,840	86,219
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0			(60,444)	(60,444)	91,180
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	358		0	358	30,493
Disposition and Recovery/Refund of Regulatory Balances (2019) ³							
Refer to the Filing Requirements for disposition eligibility.	1595	0			0	0	0
RSVA - Global Adjustment	1589	0	-		3,036	3,036	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	358		(77,109)	(76,751)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total Group 1 Balance		0	358	0	(74,073)	(73,715)	(3,181,638)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0
Total including Account 1568		0	358	0	(74,073)	(73,715)	(3,181,638)

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.

					2019	
Account Descriptions	Account Number	Transactions Debit/ (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ during 2019	Closing Principal Balance as of Dec 31, 2019	Opening Interest Amounts as of Jan 1, 2019
Group 1 Accounts						
LV Variance Account	1550	91,211	180,599		206,144	6,275
Smart Metering Entity Charge Variance Account	1551	(3,771)	(4,887)		(43,867)	(777)
RSVA - Wholesale Market Service Charge ⁵	1580	(416,529)	(2,246,252)		(797,986)	(78,723)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0		0	0
Variance WMS – Sub-account CBR Class B⁵	1580	(68,533)	18,707		(131,228)	842
RSVA - Retail Transmission Network Charge	1584	246,935	164,857		252,112	4,423
RSVA - Retail Transmission Connection Charge	1586	(86,001)	269,978		70,760	9,980
RSVA - Power ⁴	1588	(48,316)	265,701		(857,505)	(20,182)
RSVA - Global Adjustment ⁴	1589	453,249	(552,484)		(31,229)	3,036
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595		0		0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595		15,295		0	(51,343)
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595		86,219		0	112,840
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	(592)			90,588	(60,444)
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595				30,493	358
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						
Refer to the Filing Requirements for disposition eligibility.	1595	(602,533)			(602,533)	0
RSVA - Global Adjustment	1589	453,249	(552,484)	0	(31,229)	3,036
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(888,129)	(1,249,783)	0	(1,783,022)	(76,751)
Total Group 1 Balance		(434,880)	(1,802,267)	0	(1,814,251)	(73,715)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	677,348	0		677,348	0
Total including Account 1568		242,468	(1,802,267)	0	(1,136,903)	(73,715)

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
Account Number	Interest Jan 1 to Dec 31, 2019	OEB-Approved Disposition during 2019	Interest Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019	Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB
1550	5,308	6,582		5,001		
1551	(1,029)	(303)		(1,503)	(40,096)	
1580	(31,871)	(91,351)		(19,243)		
1580		0		0		
1580	(1,886)	1,689		(2,733)		
1584	3,846	6,754		,		
1586	3,996	10,360		3,616		
1588	(6,880)	(6,646)		(20,416)		
1589	(1,047)	(4,781)		6,770		
1595		0		0		
1595		(50,947)	396	0		
1595		112,315	(525)	0		
1595	8,878	0		(51,566)		
1595	685	0		1,043		
1595	(28,638)	0		(28,638)		
1589	(1,047)	(4,781)	0	6,770	0	0
	(47,591)	(11,547)	(129)	(112,924)	(40,096)	0
	(48,638)	(16,328)	(129)	(106,154)	(40,096)	0
1568	3,502			3,502		
	(45 136)	(16.328)	(120)	(102 652)	(40,096)	0
	1550 1551 1580 1580 1580 1584 1586 1588 1589 1595 1595 1595 1595 1595 1595	Account Number Dec 31, 2019 1550 5,308 1551 (1,029) 1580 (31,871) 1580 (31,871) 1580 (31,871) 1580 (31,871) 1580 (31,871) 1580 (31,871) 1580 (31,871) 1580 (1,886) 1584 3,846 1585 (6,880) 1589 (1,047) 1595 8,878 1595 685 1595 (28,638) 1589 (1,047) (47,591) (48,638)	Account Number Interest Jan 1 to Dec 31, 2019 Disposition during 2019 1550 5,308 6,582 1551 (1,029) (303) 1580 (31,871) (91,351) 1580 (1,886) 1,689 1580 (1,886) 1,689 1584 3,846 6,754 1586 3,996 10,360 1588 (6,880) (6,646) 1589 (1,047) (4,781) 1595 8,878 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1595 (28,638) 0 1589 (1,047) (4,781) (47,591) (11,547)	Account Number Interest Jan 1 to Dec 31, 2019 Disposition during 2019 Adjustments ¹ during 2019 1550 5,308 6,582	Account NumberInterest Jan 1 to Dec 31, 2019Disposition during 2019Adjustments1 during 2019Amounts as of Dec 31, 201915505,3086,5825,0011551 $(1,029)$ (303) $(1,503)$ 1551 $(1,029)$ (303) $(1,503)$ 1580 $(31,871)$ $(91,351)$ $(19,243)$ 1580 $(1,886)$ $1,689$ $(2,733)$ 1580 $(1,886)$ $1,689$ $(2,733)$ 1584 $3,846$ $6,754$ $1,515$ 1586 $3,996$ $10,360$ $3,616$ 1588 $(6,880)$ $(6,646)$ $(20,416)$ 1589 $(1,047)$ $(4,781)$ $6,770$ 1595 0 0 0 1595 $8,878$ 0 $(51,566)$ 1595 $(28,638)$ 0 $(28,638)$ 1589 $(1,047)$ $(4,781)$ 0 $(47,591)$ $(11,547)$ (129) $(112,924)$ $(48,638)$ $(16,328)$ (129) $(106,154)$ 1568 $3,502$ $3,502$ $3,502$	Account Number Interest Jan 1 to Dec 31, 2019 OEB-Approved Disposition during 2019 Interest Adjustments' during 2019 Closing Interest Amounts as of Dec 31, 2019 Disposition during 2020- instructed by OEB 1550 5,308 6,582

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.

		020		Projected Interest on Dec-31			
Account Descriptions	Account Number	Closing Principal Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Closing Interest Balances as of Dec 31, 2019 Adjusted for Disposition during 2020	Projected Interest from Jan 1, 2020 to Dec 31, 2020 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Projected Interest from Jan 1, 2021 to Apr 30, 2021 on Dec 31, 2019 balance adjusted for disposition during 2020 ²		
Group 1 Accounts							
LV Variance Account	1550	206,144	5,001	2,834	392		
Smart Metering Entity Charge Variance Account	1551	(3,771)	(1,503)	(52)	(7)		
RSVA - Wholesale Market Service Charge ⁵	1580	(797,986)	(19,243)	(10,972)	(1,516)		
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	0		
Variance WMS – Sub-account CBR Class B⁵	1580	(131,228)	(2,733)	(1,804)	(249)		
RSVA - Retail Transmission Network Charge	1584	252,112	1,515	3,467	479		
RSVA - Retail Transmission Connection Charge	1586	70,760	3,616	973	134		
RSVA - Power ⁴	1588	(857,505)	(20,416)	(11,791)	(1,629)		
RSVA - Global Adjustment ⁴	1589	(31,229)	6,770	(429)	(59)		
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	0	0	0		
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	0	0		
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	0	0		
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	90,588	(51,566)	1,246	172		
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	30,493	1,043	419	58		
Disposition and Recovery/Refund of Regulatory Balances (2019) ³							
Refer to the Filing Requirements for disposition eligibility.	1595	(602,533)	(28,638)	(8,285)	(1,145)		
RSVA - Global Adjustment	1589	(31,229)	6,770	(429)	(59)		
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,742,926)	(112,924)	(23,965)	(3,312)		
Total Group 1 Balance		(1,774,155)	(106,154)	(24,395)	(3,371)		
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	677,348	3,502	0	6,944		
Total including Account 1568		(1,096,807)	(102,652)	(24,395)	3,573		

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.

		-2019 Bala	nces		$2.1.7 \text{ RRR}^5$	
Account Descriptions	Account Number	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2019	Variance RRR vs. 2019 Balance (Principal + Interest)
Group 1 Accounts						
LV Variance Account	1550	8,227	214,371		211,145	0
Smart Metering Entity Charge Variance Account	1551	(1,562)	(5,333)		(45,370)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(31,731)	(829,717)		(951,190)	(133,961)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0		0	0
Variance WMS – Sub-account CBR Class B⁵	1580	(4,787)	(136,015)		(133,961)	0
RSVA - Retail Transmission Network Charge	1584	5,461	257,573		253,627	0
RSVA - Retail Transmission Connection Charge	1586	4,723	75,483		74,376	0
RSVA - Power ⁴	1588	(33,836)	(891,341)		(877,921)	0
RSVA - Global Adjustment ⁴	1589	6,281	(24,948)		(24,459)	0
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	No	32,308	32,308
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	(50,148)	0	No	39,022	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	1,520	0	No	31,536	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						
Refer to the Filing Requirements for disposition eligibility.	1595	(38,068)	0	No	(631,171)	0
RSVA - Global Adjustment	1589	6,281	(24,948)		(24,459)	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(140,201)	(1,314,979)		(1,863,638)	32,308
Total Group 1 Balance		(133,920)	(1,339,927)		(1,888,097)	32,308
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	10,446	687,794		0	(680,850)
Total including Account 1568		(123,474)	(652,133)		(1,888,097)	(648,542)

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Yes

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

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non RPP Customers (excluding WMP)	Wholesale Market	Metered <mark>kW</mark> for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption <i>(if applicable)</i>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	251,122,547	0	7,317,353	0	0	0	251,122,547	0	23,125	32,878
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	101,723,566	0	17,912,667	0	0	0	101,723,566	0	122,041	3,483
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	193,322,395	528,420	142,457,318	385,322	4,164,785	7,838	189,157,610	520,582	519,333	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	131,667,230	265,773	131,667,230	265,773	0	0	131,667,230	265,773	20,748	
LARGE USE SERVICE CLASSIFICATION	kW	290,955,053	477,954	175,606,018	291,233	115,349,032	186,721	175,606,021	291,233	7,076	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,202,857	0	329,071	0	0	0	2,202,857	0	-2,564	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	474,594	1,299	32,098	88	0	0	474,594	1,299	-168	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,457,006	9,621	3,457,006	9,621	0	0	3,457,006	9,621	-1,798	
	Total	974,925,248	1,283,067	478,778,761	952,037	119,513,817	194,559	855,411,431	1,088,508	687,794	36,361
<u>Threshold Test</u> Total Claim (including Account 1568)		(\$652,133)									

Total Claim (Including Account 1568)	(\$652,133)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$1,339,927)
Threshold Test (Total claim per kWh) ²	(\$0.0014)
Currently, the threshold test has been met and the default is that Group 1	
account balances will be disposed. If you are requesting not to dispose of the Group 1 account balances, please select NO and provide detailed	YES

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

² The Threshold Test does not include the amount in 1568.

reasons in the manager's summary.

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

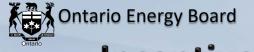
No input required. This workshseet allocates the deferral/variance account balances (Group 1 and Account 1568) to the appropriate classes as per EDDVAR dated July 31, 2009.

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	25.8%	90.4%	29.4%	55,218	(4,822)	(243,580)	66,346	19,443	(261,670)	23,125
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	10.4%	9.6%	11.9%	22,367	(511)	(98,668)	26,875	7,876	(105,996)	122,041
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	19.8%	0.0%	22.1%	42,509	0	(183,476)	51,075	14,968	(197,103)	519,333
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	13.5%	0.0%	15.4%	28,952	0	(127,712)	34,786	10,194	(137,198)	20,748
LARGE USE SERVICE CLASSIFICATION	29.8%	0.0%	20.5%	63,977	0	(170,331)	76,870	22,527	(182,982)	7,076
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.3%	484	0	(2,137)	582	171	(2,295)	(2,564)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.1%	104	0	(460)	125	37	(495)	(168)
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	760	0	(3,353)	913	268	(3,602)	(1,798)
Total	100.0%	100.0%	100.0%	214,371	(5,333)	(829,717)	257,573	75,483	(891,341)	687,793

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

allocated based on
Total less WMP



Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

1a	The year Account 1589 GA was last disposed	2018]
1b	The year Account 1580 CBR Class B was last disposed	2018	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 1589 GA balance accumulated (i.e. from the year after the balance was last disposed per #1a above to the current year requested for disposition)?	No	(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)
2b	Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed per #1b above to the current year requested for disposition)?		(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)

Enter the number of rate classes in which there were customers who were Class A for the full year during the period the Account 1589 GA or Account 1580 CBR B balance accumulated (i.e. from the year after the



Account 1580 CBR B balance accumulated (i.e. from the year after the balance was last disposed per #1a/1b above to the current year requested for disposition). In the table, enter the total Class A consumption for full year Class A

customers in each rate class for each year (including transition customers identified in table 3a above if they were a full year Class A customer for a particular year).

Rate Classes with Class A Customers - Billing Determinants by Rate Class

	Rate Class		2019
Rate Class 1	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	5,207,123
		kW	10,877
Rate Class 2	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	130,006,949
		kW	255,185
Rate Class 3	LARGE USE SERVICE CLASSIFICATION	kWh	175,606,018
		kW	291,233

3b

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, 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, Filing Requirements, section 3.2.5.2)

9 8.	Default Rate Rider Recovery Period (in months)	12
	Proposed Rate Rider Recovery Period (in months)	8

Rate Rider Recovery to be used below

			Total Metered 2019 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2019 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)		Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	7,317,353	0	0	7,317,353	4.5%	(\$1,121)	(\$0.0002)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	17,912,667	0	0	17,912,667	11.0%	(\$2,744)	(\$0.0002)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	142,457,318	5,207,123	0	137,250,195	84.3%	(\$21,027)	(\$0.0002)	kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	131,667,230	130,006,949	0	0	0.0%	\$0	\$0.0000	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	175,606,018	175,606,018	0	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	329,071	0	0	329,071	0.2%	(\$50)	(\$0.0002)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	32,098	0	0	32,098	0.0%	(\$5)	(\$0.0002)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	3,457,006	0	0	0	0.0%	\$0	\$0.0000	kWh
	Total	478,778,761	310,820,090	0	162,841,384	100.0%	(\$24,947)		

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Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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.

2018

The year Account 1580 CBR Class B was last disposed

		Total Metered 2019 Co Minus WMI		Total Metered 2019 Consum Year Class A Custo		Total Metered 2019 Consur Custome		Metered Consumption for Cu Customers (Total Consumption L A and Transition Customers'	ESS WMP, Class	% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	251,122,547	0	0	0	0	c	251,122,547	0	46.1%	(\$62,719)	(\$0.0002)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	101,723,566	0	Ö	0	0	C	101,723,566	0	18.7%	(\$25,406)	(\$0.0002)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	189,157,610	520,582	5,207,123	10,877	0	C	183,950,487	509,705	33.8%	(\$45,943)	(\$0.0901)	kW
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	131,667,230	265,773	130,006,949	255,185	0	(1,660,281	10,588	0.3%	(\$415)	(\$0.0392)	kW
LARGE USE SERVICE CLASSIFICATION	kW	175,606,021	291,233	175,606,018	291,233	0	C) 3	0	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,202,857	0	Ö	0	0	C	2,202,857	0	0.4%	(\$550)	(\$0.0002)	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	474,594	1,299	Ö	0	0	C	474,594	1,299	0.1%	(\$119)	(\$0.0916)	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,457,006	9,621	0	0	0	(3,457,006	9,621	0.6%	(\$863)	(\$0.0897)	kW
	Total	855,411,431	1,088,508	310,820,090	557,295	0	C	544,591,341	531,213	100.0%	(\$136,015)		

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Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Input required at cells C13 and C14. This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

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

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

Allocation of Group 1 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 Reconcilation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	251,122,547	0	251,122,547	0	(369,065)		(0.0022)	0.0000	0.0001	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	101,723,566	0	101,723,566	0	(148,057)		(0.0022)	0.0000	0.0018	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	193,322,395	528,420	189,157,610	520,582	108,552	(380,579)	0.3081	(1.0966)	1.4742	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	131,667,230	265,773	131,667,230	265,773	(190,978)		(1.0779)	0.0000	0.1171	
LARGE USE SERVICE CLASSIFICATION	kW	290,955,053	477,954	175,606,021	291,233	163,373	(353,313)	0.5127	(1.8197)	0.0222	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,202,857	0	2,202,857	0	(3,195)		(0.0022)	0.0000	(0.0017)	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	474,594	1,299	474,594	1,299	(688)		(0.7949)	0.0000	(0.1940)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,457,006	9,621	3,457,006	9,621	(5,014)		(0.7818)	0.0000	(0.2803)	
											(1,546,350.58)

Deferral/Variance

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.

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2013	2021
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		3.2%
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	24.4%	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.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh	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)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider		
RESIDENTIAL SERVICE CLASSIFICATION	kWh	251,122,547		16,353	0.00	\$/customer	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	101,723,566		4,265	0.0000	kWh	If the allocated tax sharing amount does not produce a rate rider in one
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kW	193,322,395	528,420	4,755	0.0000	kW	or more rate class (except for the Standby rate class), a distributor is
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	131,667,230	265,773	1,455	0.0000	kW	required to transfer the entire OEB-approved tax sharing amount into
LARGE USE SERVICE CLASSIFICATION	kW	290,955,053	477,954	2,312	0.0000	kW	Account 1595 for disposition at a later date (see Filing Requirements,
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	2,202,857		157	0.0000	kWh	Appendix B)
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	474,594	1,299	82	0.0000	kW	reportance)
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,457,006	9,621	1,073	0.0000	kW	
Total		974,925,248	1,283,067	\$30,452			

Contario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	251,122,547	0	1.0421	261,694,806
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0069	251,122,547	0	1.0421	261,694,806
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	101,723,566	0	1.0421	106,006,128
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	101,723,566	0	1.0421	106,006,128
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7340	193,322,395	528,420		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4459	193,322,395	528,420		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9038	131,667,230	265,773		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6813	131,667,230	265,773		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2152	290,955,053	477,954		F
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.0662	290,955,053	477,954		F
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	2,202,857	0	1.0421	2,295,597
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	2,202,857	0	1.0421	2,295,597
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0723	474,594	1,299		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9305	474,594	1,299		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0619	3,457,006	9,621		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8911	3,457,006	9,621		

For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers. For this line item, please ensure that the consumption and demand values have been adjusted to account for non-interval/interval customers.

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Uniform Transmission Rates	Unit	Ja	2019 n to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.71	\$ 3.83	\$ 3.92	\$ 3.92
Line Connection Service Rate	kW	\$	0.94	\$ 0.96	\$ 0.97	\$ 0.97
Transformation Connection Service Rate	kW	\$	2.25	\$ 2.30	\$ 2.33	\$ 2.33
Hydro One Sub-Transmission Rates	Unit	Ja	2019 n to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.2915	\$ 3.3980	\$ 3.3980
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7877	\$ 0.8045	\$ 0.8045
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.9755	\$ 2.0194	\$ 2.0194
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.7632	\$ 2.8239	\$ 2.8239
If needed, add extra host here. (I)	Unit	Ja	2019 an to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Rate Description Network Service Rate	kW		Rate	Rate	Rate	Rate
	kW kW		Rate	Rate	Rate	Rate
Network Service Rate			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	Rate -	\$ Rate 	\$ Rate -	\$ Rate -
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate	kW KW		Rate - 2019 an to Jun	\$ Rate - 2019 Jul to Dec	\$ Rate - 2020	\$ Rate - 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate	kW kW kW		- 2019	\$ - 2019	\$	\$
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate	kW kW kW		2019 an to Jun	\$ 2019 Jul to Dec	\$ - 2020	\$ - 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate	KW KW KW		2019 an to Jun	\$ 2019 Jul to Dec	\$ - 2020	\$ - 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate	KW KW Unit		2019 an to Jun	\$ 2019 Jul to Dec	\$ - 2020	\$ - 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate Line Connection Service Rate	KW KW Unit KW KW		2019 an to Jun	\$ 2019 Jul to Dec	\$ - 2020	\$ - 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate Line Connection Service Rate Transformation Connection Service Rate	KW KW Unit KW KW	یل \$	2019 an to Jun	2019 Jul to Dec	\$ - 2020	\$ - 2021

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

										_	
IESO Month	Units Billed	Network Rate	Amount	Lin Units Billed	ne Connecti Rate	ion Amount	Transfo Units Billed	rmation Co Rate	Amount	То	tal Connection Amount
Month	Olitis billed	Rate	Amount	Chits billed	Rate	Anoun	Childs billed	Rate	Amount		Amount
January	129,818	\$3.71	\$ 481,625	141,781	\$0.94	\$ 133,274	141,781	\$2.25	\$ 319,007	\$	452,281
February	127,755	\$3.71	\$ 473,971	129,936	\$0.94	\$ 122,140	129,936	\$2.25	\$ 292,356	\$	414,496
March	127,023	\$3.71	\$ 471,255	130,993	\$0.94	\$ 123,133	130,993	\$2.25	\$ 294,734	\$	417,868
April May	118,910 103,332	\$3.71 \$3.71	\$ 441,156 \$ 383,362	129,771 112,829	\$0.94 \$0.94	\$ 121,985 \$ 106,059	129,771 112,829	\$2.25 \$2.25	\$ 291,985 \$ 253,865	s s	413,969 359,925
June	130,396	\$3.80	\$ 495,505	142,363	\$0.94	\$ 135,245	142,363	\$2.29	\$ 326,011	ŝ	461,256
July	137,750	\$3.83	\$ 527,583	160,481	\$0.96	\$ 154,062	160,481	\$2.30	\$ 369,106	Š	523,168
August	139,345	\$3.83	\$ 533,691	150,301	\$0.96	\$ 144,289	150,301	\$2.30	\$ 345,692	\$	489,981
September	115,674	\$3.83	\$ 443,031	138,173	\$0.96	\$ 132,646	138,173	\$2.30	\$ 317,798	\$	450,444
October	112,051	\$3.83	\$ 429,155	121,600	\$0.96	\$ 116,736	121,600	\$2.30	\$ 279,680	\$	396,416
November December	124,635 123,763	\$3.83 \$3.83	\$ 477,352 \$ 474,012	124,635 127,779	\$0.96 \$0.96	\$ 119,650 \$ 122,668	124,635 127,779	\$2.30 \$2.30	\$ 286,661 \$ 293,892	\$ \$	406,310 416,560
Total	1,490,452 \$		\$ 5,631,699	1,610,642	\$ 0.95	\$ 1,531,886	1,610,642	\$ 2.28	\$ 3,670,787	\$	5,202,674
Hydro One		Network		Li	ne Connect	ion	Transfo	rmation Co	onnection	То	tal Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	12,949	\$3,1942	\$ 41,363	12.949	\$0.7710	\$ 9,984	12.949	\$1,7493	\$ 22,653	\$	32.637
February	10,775	\$3.1942	\$ 34,417	10,775	\$0.7710	\$ 8,307	10,775	\$1.7493	\$ 18,848	Ś	27,156
March	10,163	\$3.1942	\$ 32,464	10,369	\$0.7710	\$ 7,995	10,369	\$1.7493	\$ 18,139	\$	26,134
April	9,953	\$3.1942	\$ 31,793	9,953	\$0.7710	\$ 7,674	9,953	\$1.7493	\$ 17,411	\$	25,085
May	9,168	\$3.1942	\$ 29,283	9,168	\$0.7710	\$ 7,068	9,168	\$1.7493	\$ 16,037	\$	23,105
June	12,056	\$3.1942	\$ 38,510	12,056	\$0.7710	\$ 9,295	12,056	\$1.7493	\$ 21,090	\$	30,386
July	14,061	\$3.2915	\$ 46,283	14,061	\$0.7877	\$ 11.076	14,061	\$1.9755	\$ 27,778	\$	38,855
August	14,039	\$3.2915	\$ 46,210	14,039	\$0.7877	\$ 11,059	14,039	\$1.9755	\$ 27,734	\$	38,793
September	12,825	\$3.2915	\$ 42,213	12,825	\$0.7877	\$ 10,102	12,825	\$1.9755	\$ 25,336	\$	35,438
October	11,108	\$3.2915	\$ 36,562	11,108	\$0.7877	\$ 8,750	11,108	\$1.9755	\$ 21,944	\$	30,693
November December	10,751 11,224	\$3.2915 \$3.2915	\$ 35,388 \$ 36,945	10,751 11,250	\$0.7877 \$0.7877	\$ 8,469 \$ 8,862	10,751 11,250	\$1.9755 \$1.9755	\$ 21,239 \$ 22,225	\$ \$	29,708 31,087
Total	139,074 \$	3.2460	\$ 451,431	139,306	\$ 0.7799	\$ 108,641	139,306	\$ 1.8695	\$ 260,435	\$	369,076
Add Extra Host Here (I) (if needed)		Network		Lit	ne Connect	ion	Transfo	rmation Co	onnection	То	tal Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	5	ъ -			\$ -			s -		\$	
February		÷ -			\$ -			\$ -		ŝ	
March	5	s -			\$ -			\$ -		\$	
April	5				\$ -			\$ -		\$	
May	3				\$ -			\$ -		\$	
June	5				\$ -			\$ -		\$	
July					ş -			ş -		\$	
August September					\$ - \$ -			\$ - \$ -		\$ \$	
October					s -			s -		ŝ	
November					s -			s -		ŝ	
December					\$ -			\$ -		ŝ	-
Total	- \$		ş .		\$-	\$ -		ş -	\$ -	\$	· ·
Add Extra Host Here (II) (if needed)		Network		LI	ne Connecti	ion	Iransto	rmation Co	onnection	То	tal Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
	Cinto Dincu							mute			
January	5				\$ -			\$ -		\$	-
February		6 -			\$ -			\$ - \$ -		\$:
February March		6 - 6 -			\$ - \$ -			\$ - \$ - \$ -		\$ \$	-
February March April		6 - 6 -			\$- \$- \$-			\$ - \$ - \$ - \$ -		\$ \$ \$	
February March April May		6 - 6 - 6 -			\$- \$- \$- \$-			\$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$	•
February March April May June		6 - 6 - 6 -			\$- \$- \$- \$- \$- \$-			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$	•
February March April May June July		6 - 6 - 6 - 6 -			\$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$	-
February March April May June July August		5 - 5 - 5 - 5 - 5 - 5 -			\$- \$- \$- \$- \$- \$-			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		~ ~ ~ ~ ~ ~ ~ ~	
February March April May June July August September		5 - 5 - 5 - 5 - 5 - 5 - 5 -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ \$ \$ \$ \$ \$ \$ \$	-
February March April May June July August September October		6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		* * * * * * * * *	-
February March April May June July August September		6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -			\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -			\$ - \$ - \$ - \$ - \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$	
February March April May June July August September October November			\$-		S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S -	\$ -		S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S -	\$-	* * * * * * * * *	
February March April May June July August September October November December			\$ ·		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	•	Transfo	S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S - S -	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
February March April May June Julv Aucust Sottember October November December Total Total	- 9	\$ - 5	\$.		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	•		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - mnection Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
February March April May June July Aunust September October November December Total Total Month	- s	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - Rate -	ion Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
February March April May June July August Sotember October November December Total Total Total Month January	units Billed 142,767 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 522,988	Units Billed 154,730	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	ion Amount \$ 143,258	Units Billed 154,730	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918
February March April May June July August September October October October October Total Total Total Month January February	Units Billed 142,767 § 1336,530 §	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 522,988 \$ 508,388	Units Billed 154,730 140,711	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	ion Amount \$ 143,258 \$ 130,447	Units Billed 154,730 140,711	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651
February March April May June July August Soltember October November December Total Total Total Month January February March	- \$ Units Billed 142,767 \$ 138,530 \$ 137,716 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 522,988 \$ 508,388 \$ 503,719	Units Billed 154,730 140,711 141,362	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	ion Amount \$ 143,258 \$ 130,447 \$ 131,128	Units Billed 154,730 140,711 141,362	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002
February March April May June July Aucust September October October October December Total Total Month January February March April	Units Billed 142.767 § 133.630 § 123.863 §	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 522,988 \$ 508,388 \$ 503,719 \$ 472,949	Units Billed 154,730 140,711 141,362 139,724	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	ion Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659	Units Billed 154,730 140,711 141,362 139,724	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055
February March April May June July August September October November December Total Total Month January February April March April March	Units Billed 142.767 \$ 133.530 137.166 \$ 137.168 \$ 112.863 \$	S - S - S - S - S - S - S - S -	Amount \$ 522,988 \$ 508,388 \$ 503,719 \$ 472,949 \$ 412,645	Units Billed 154,730 140,711 141,362 139,724 121,997	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 0.9271 \$ 0.9274 \$ 0.9276 \$ 0.9270	Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 113,128	Units Billed 154,730 140,711 141,362 139,724 121,997	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030
February March April May June July Aucust September October October November December Total Total Month January February March April May June	Units Billed 142.767 § 138.530 § 128.863 § 112.800 § 142.462 §	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 522,988 \$ 508,388 \$ 503,719 \$ 472,949 \$ 412,645 \$ 534,015	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 113,128 \$ 144,540	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642
February March April May June July August September October November December Total Total January February Harch April March April June June July	Units Billed 142.767 \$ 138.580 \$ 137.168 \$ 128.663 \$ 112.560 \$ 142.462 \$ 142.462 \$	 - - - - - - - - Network Rate 3.6632 - -	Amount \$ 522,988 \$ 508,388 \$ 503,719 \$ 472,949 \$ 412,645 \$ 534,015 \$ 573,866	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542	\$ - \$ 0.9259 \$ 0.9259 \$ 0.9259 \$ 0.9259 \$ 0.9273 \$ 0.9360 \$ 0.9461	Ion Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 113,128 \$ 144,540 \$ 165,138	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023
February March April May June July Aucust September October October December Total Total Total January February February March April May June July July	Units Billed 142.767 138.530 137.166 128.863 142.462 142.462 151.811 153.384	 	Amount \$ 522,988 \$ 508,388 \$ 503,719 \$ 472,949 \$ 472,949 \$ 412,645 \$ 534,015 \$ 573,866 \$ 579,901	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419	\$ - \$ 0.9259 \$ 0.92273 \$ 0.9280 \$ 0.93461 \$ 0.9461 \$ 0.9461	S 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 113,128 \$ 144,540 \$ 145,138 \$ 155,348	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885 \$ 373,427	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642
February March April May June July August September October November December Total Total January February Harch April March April June June July	Units Billed 142.767 \$ 138.580 \$ 137.168 \$ 128.663 \$ 112.560 \$ 142.462 \$ 142.462 \$	5 5 5 6 5 6 5 6 5 6 5 6 5 7 5	Amount \$ 522,988 \$ 508,388 \$ 503,719 \$ 472,949 \$ 412,645 \$ 534,015 \$ 573,866 \$ 573,866 \$ 573,866 \$ 573,901	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340	\$ - \$ 0.9259 \$ 0.92273 \$ 0.9280 \$ 0.93461 \$ 0.9461 \$ 0.9461	Ion Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 113,128 \$ 144,540 \$ 165,138	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023 528,774 485,882
February March April May June July August September October November December Total Total ICItal Month January February March April March April June July June July August September	Units Billed 142,767 \$ 135,500 112,863 112,863 112,863 112,863 112,863 112,864 112,844 128,449 128,449 128,453 112,844 128,459	\$ - \$ 3.6602 \$ 3.6602 \$ 3.6602 \$ 3.6602 \$ 3.7607 \$ 3.7807 \$ 3.7814 \$ 3.7814 \$ 3.7814	Amount \$ 522,988 \$ 500,388 \$ 500,719 \$ 472,949 \$ 412,645 \$ 534,015 \$ 573,866 \$ 579,901 \$ 485,245 \$ 465,717 \$ 512,740	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708 135,386	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 0.9259 \$ 0.9226 \$ 0.9273 \$ 0.9461 \$ 0.9453 \$ 0.9454 \$ 0.9456	Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 144,540 \$ 144,543 \$ 145,538 \$ 155,348 \$ 125,465 \$ 125,485 \$ 128,118	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708 132,386	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885 \$ 373,825 \$ 373,825 \$ 343,133 \$ 301,624 \$ 307,900	\$\$\$\$\$\$\$\$\$\$ \$ 1 1 1 1 1 1 1 1	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023 562,074 485,882 427,109 436,018
February March April May June July Auoust September October November December Total Total Total January February February February March April May June July June July August September October	Units Billed 142.767 138.630 137.166 128.863 142.462 151.811 15.384 151.344 153.344 153.344 153.344 153.344	\$ - \$ 3.6602 \$ 3.6602 \$ 3.6602 \$ 3.6602 \$ 3.7607 \$ 3.7807 \$ 3.7814 \$ 3.7814 \$ 3.7814	Amount \$ 522,988 \$ 500,388 \$ 500,719 \$ 472,949 \$ 412,645 \$ 534,015 \$ 573,866 \$ 579,901 \$ 485,245 \$ 465,717 \$ 512,740	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 0.9259 \$ 0.9271 \$ 0.9271 \$ 0.92260 \$ 0.92260 \$ 0.92261 \$ 0.92261 \$ 0.92454 \$ 0.94454 \$ 0.9454	S Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 126,659 \$ 126,659 \$ 126,138 \$ 145,138 \$ 155,348 \$ 155,348 \$ 125,466	Units Billed 154,730 140,711 141,362 133,724 121,997 154,419 174,542 164,340 150,998 132,708	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885 \$ 373,427 \$ 343,133 \$ 301,624	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023 528,774 485,882 427,109
February March April May June July Auoust Soptember October November Total Total Month January February March Agay March January March January March June June June June June Soptember October November	Units Billed 142,767 \$ 133,165 122,600 112,2600 151,841 153,844 122,459 123,586 122,359 123,586 133,586 134,887 134,887	5 5	Amount \$ 522,988 \$ 500,378 \$ 500,379 \$ 472,949 \$ 412,645 \$ 514,015 \$ 573,806 \$ 573,901 \$ 485,245 \$ 465,717 \$ 512,740 \$ 512,740 \$ 510,957	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,2708 135,386 139,029	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 0.9259 \$ 0.9271 \$ 0.9271 \$ 0.9280 \$ 0.9273 \$ 0.9260 \$ 0.9271 \$ 0.9270 \$ 0.9280 \$ 0.9453 \$ 0.9443 \$ 0.9461	Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 120,659 \$ 126,659 \$ 126,659 \$ 125,346 \$ 125,346 \$ 122,486 \$ 125,486 \$ 125,486 \$ 125,486 \$ 128,118 \$ 131,530	Units Billed 154 730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708 132,386 135,386 139,029	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885 \$ 373,427 \$ 343,133 \$ 301,624 \$ 307,900 \$ 316,117	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023 528,774 485,882 427,109 436,018 447,647
February March April May June July Auoust September October November December Total Total January February Month January February March April March Auril May June July August September October November	Units Billed 142,767 \$ 135,500 112,863 112,863 112,863 112,863 112,863 112,864 112,844 128,449 128,449 128,453 112,844 128,459	5 5	Amount \$ 522,988 \$ 500,378 \$ 500,379 \$ 472,949 \$ 412,645 \$ 514,015 \$ 573,806 \$ 573,901 \$ 485,245 \$ 465,717 \$ 512,740 \$ 512,740 \$ 510,957	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708 135,386	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 0.9259 \$ 0.9226 \$ 0.9273 \$ 0.9461 \$ 0.9453 \$ 0.9454 \$ 0.9456	Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 129,659 \$ 144,540 \$ 144,543 \$ 145,538 \$ 155,348 \$ 125,465 \$ 125,485 \$ 128,118	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708 132,386	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885 \$ 373,825 \$ 373,825 \$ 343,133 \$ 301,624 \$ 307,900	\$\$\$\$\$\$\$\$\$\$ \$ 1 1 1 1 1 1 1 1	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023 528,774 485,882 427,109 436,018
February March April May June July Auoust Soptember October November Total Total Month January February March Agay March January March January March June June June June June Soptember October November	Units Billed 142,767 \$ 133,165 122,600 112,2600 151,841 153,844 122,459 123,586 122,359 123,586 133,586 134,887 134,887	5 5	Amount \$ 522,988 \$ 500,378 \$ 500,379 \$ 472,949 \$ 412,645 \$ 514,015 \$ 573,806 \$ 573,901 \$ 485,245 \$ 465,717 \$ 512,740 \$ 512,740 \$ 510,957	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,2708 135,386 139,029	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 0.9259 \$ 0.9271 \$ 0.9271 \$ 0.9280 \$ 0.9273 \$ 0.9260 \$ 0.9271 \$ 0.9270 \$ 0.9280 \$ 0.9453 \$ 0.9443 \$ 0.9461	Amount \$ 143,258 \$ 130,447 \$ 131,128 \$ 120,659 \$ 126,659 \$ 126,659 \$ 125,346 \$ 125,346 \$ 122,486 \$ 125,486 \$ 125,486 \$ 125,486 \$ 128,118 \$ 131,530	Units Billed 154 730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708 132,386 135,386 139,029	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 341,660 \$ 311,204 \$ 312,873 \$ 309,396 \$ 269,902 \$ 347,101 \$ 396,885 \$ 373,427 \$ 343,133 \$ 301,624 \$ 307,900 \$ 316,117 \$ 3,931,222	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 484,918 441,651 444,002 439,055 383,030 491,642 562,023 528,774 485,882 427,109 436,018 447,647

Total including deduction for Low Voltage Switchgear Credit \$ 5,571,750

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates are applied against historical 2019 transmission units.

Total Connection	l i	nection	I Conr	rmation C	Transfor		Connection	Line			Network			IESO
Amount	ount	Amo	•	Rate	nits Billed	mount	Rate	its Billed	Amount	,	Rate		Units Billed	Month
\$ 467,877	330,350	\$ 33	300 \$	\$ 2.3300	141,781	137,528	0.9700 \$	141,781 \$	508,887	\$	3.9200	\$	129,818	January
\$ 428,789	302,751		300	\$ 2.3300	129,936	126,038	0.9700 \$	129,936 \$	500,800	\$	3.9200	\$	127,755	February
\$ 432,277	305,214			\$ 2.3300	130,993	127,063	0.9700 \$ 0.9700 \$	130,993 \$ 129,771 \$	497,930	\$ \$	3.9200	\$	127,023	March
\$ 428,244 \$ 372,336	302,366 262,892	\$ 30 \$ 26	800 3	\$ 2.3300 \$ 2.3300	129,771 112,829	125,878 109,444	0.9700 \$ 0.9700 \$	129,771 \$ 112,829 \$	466,127 405,061	э \$	3.9200 3.9200	\$ \$	118,910 103,332	April May
\$ 372,330	202,892 331,706	\$ 20 \$ 33	200 1	\$ 2.3300	142,363	138,092	0.9700 \$	142,363 \$	405,061 511,152	э \$	3.9200	э S	130,396	June
\$ 529,587	373,921	\$ 37	800 9	\$ 2.3300	160,481	155,667	0.9700 \$	160,481 \$	539,980	ŝ	3.9200	ŝ	137,750	July
\$ 495,993	350,201			\$ 2.3300	150,301	145,792	0.9700 \$	150,301 \$	546,232			š	139,345	August
\$ 455,971	321,943		300	\$ 2.3300	138,173	134,028	0.9700 \$	138,173 \$	453,442	\$	3.9200	ŝ	115,674	September
\$ 401,280	283,328	\$ 28	800 \$	\$ 2.3300	121,600	117,952	0.9700 \$	121.600 \$	439,240	\$	3.9200	\$	112,051	October
\$ 411,296	290,400	\$ 29		\$ 2.3300	124,635	120,896	0.9700 \$	124,635 \$	488,569	\$	3.9200	\$	124,635	November
\$ 421,671	297,725	\$ 29	300 \$	\$ 2.3300	127,779	123,946	0.9700 \$	127,779 \$	485,151	\$	3.9200	\$	123,763	December
\$ 5,315,119	752,796	\$ 2.76	22	\$ 2.33	1,610,642	1,562,323	0.97 \$	1,610,642 \$	5,842,572	\$	3.92	\$	1,490,452	Total
				v 2.00	.10.010.=	1,302,323	Connection		3,042,372	Ŷ	Network		1,490,402	
Total Connection														Hydro One
Amount		Amo		Rate	nits Billed	mount	Rate	its Billed	Amount		Rate		Units Billed	Month
\$ 36,568	26,150			\$ 2.0194	12,949	10,418	0.8045 \$	12,949 \$	44,002			\$	12,949	January
\$ 30,427	21,759			\$ 2.0194	10,775	8,668			36,613			\$	10,775	February
\$ 29,282	20,940			\$ 2.0194	10,369	8,342	0.8045 \$	10,369 \$	34,535	\$		\$	10,163	March
\$ 28,107	20,100			\$ 2.0194	9,953	8.007	0.8045 \$ 0.8045 \$	9,953 \$	33,821	\$ \$	3.3980	\$	9,953	April
\$ 25,889	18,513			\$ 2.0194	9,168	7,375		9,168 \$	31,152			\$	9,168	May
\$ 34,046	24,347			\$ 2.0194	12,056	9,699	0.8045 \$	12,056 \$	40,967	\$		\$	12,056	June
\$ 39,708	28,396			\$ 2.0194	14,061	11,312	0.8045 \$	14,061 \$	47,781	\$		\$	14,061	July
\$ 39.645 \$ 36.216	28,351 25,899			\$ 2.0194	14,039 12,825	11,295 10,318	0.8045 \$ 0.8045 \$	14,039 \$	47,705 43,579	\$ \$	3.3980 3.3980	\$ \$	14,039 12,825	August
														September
\$ 31,367 \$ 30,361	22,431			\$ 2.0194	11,108	8,936 8,649	0.8045 \$ 0.8045 \$	11,108 \$	37,745	\$		\$	11,108	October
	21,711			\$ 2.0194	10,751			10,751 \$	36,533	\$		\$	10,751	November
\$ 31,770	22,719	\$ 2	94 3	\$ 2.0194	11,250	9,051	0.8045 \$	11,250 \$	38,140	\$	3.3980	\$	11,224	December
\$ 393,386	281,314	\$ 28	.02 3	\$ 2.02	139,306	112,072	0.80 \$	139,306 \$	472,573	\$	3.40	\$	139,074	Total
Total Connection		nection	I Conr	rmation C	Transfo		Connection	Line			Network			Add Extra Host Here (I)
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\$ -	-	\$		ş -	-	-	- \$	- \$	-	\$	-	\$		May
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Total Connection				rmation C			Connection				Network			Add Extra Host Here (II)
Amount	ount	Amo		Rate	nits Billed	mount	Rate	its Billed	Amount		Rate		Units Billed	Month
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Total Connection				rmation C										Total
Amount		Amo	-	Rate	nits Billed	mount	Rate	its Billed	Amount		Rate		Units Billed	Month
\$ 504,445	356,500			\$ 2.3040	154,730	147,945	0.9561 \$	154,730 \$	552,889			\$	142,767	January
\$ 459,210 \$ 461,559	324,509 326,154			\$ 2.3062	140,711 141,362	134,706 135,405	0.9573 \$	140,711 \$	537,412 532,465	\$ \$	3.8794 3.8813	\$ \$	138,530 137,186	February March
\$ 456,35	326,154 322,466			\$ 2.3072	141,362	135,405	0.9579 \$	141,362 \$	532,465 499,948	s S		s s	137,186	April
\$ 456,351 \$ 398,224	322,466 281.405			\$ 2.3079	139,724	133,885	0.9582 \$	139,724 \$ 121,997 \$	499,948 436.213			s s	128,863	April May
\$ 398,224 \$ 503,844	281,405 356.052			\$ 2.3067	121,997 154,419	116,820	0.9576 \$		436,213 552,120			\$ \$	112,500	June
\$ 503,844					174 542					\$ \$	3.0/30			
\$ 535.63														
\$ 535,636														
\$ 432,64														
\$ 432,64		¢ 30 ¢ ≎'	14U 3	\$ 2,3040						¢ ¢	3.8795	è è		
\$ 453,441	320,444			\$ 2.3053		132,997	0.9566 \$	139,029 \$	523,291			э \$	135,386	December
\$ 5,708,505	034,110	\$ 4,03	.31	\$ 2.31	1,749,948	1,674,394	0.96 \$	1,749,948 \$	6,315,145	\$	3.88	\$	1,629,526	Total
					/oltage Swite					_		_		
		\$ 37 \$ 34 \$ 30 \$ 31 \$ 32)35)36)40)53)49)49 .31	\$ 2.31	174,542 164,340 150,998 132,708 135,386 139,029 1,749,948		0.9567 \$ 0.9559 \$ 0.9559 \$ 0.9561 \$ 0.9569 \$ 0.9566 \$	164,340 \$ 150,998 \$ 132,708 \$ 135,386 \$ 139,029 \$		\$ \$ \$ \$ \$	3.8722 3.8679 3.8729 3.8785 3.8766	·		

5,708,505

Total including deduction for Low Voltage Switchgear Credit

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates are applied against historical 2019 transmission units.

IESO		Network		Lir	ine Connectior	h	Transfo	rmation Con	nection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	129,818	\$ 3.9200	\$ 508,887	141,781	\$ 0.9700 \$	\$ 137,528	141,781	\$ 2.3300	\$ 330,350	\$	467,877
February	127,755	\$ 3.9200	\$ 500,800	129,936	\$ 0.9700 \$	\$ 126,038	129,936	\$ 2.3300	\$ 302,751	\$	428,789
March	127,023	\$ 3.9200	\$ 497,930	130,993	\$ 0.9700 \$	\$ 127,063	130,993	\$ 2.3300	\$ 305,214	\$	432,277
April	118,910		\$ 466,127	129,771	\$ 0.9700 \$		129,771	\$ 2.3300	\$ 302,366	\$	428,244
May	103,332	\$ 3.9200 \$ 3.9200	\$ 405,061	112,829	\$ 0.9700 \$	\$ 109,444	112,829	\$ 2.3300	\$ 262,892	\$	372,336
June	130,396	\$ 3.9200	\$ 511,152	142,363	\$ 0.9700 \$		142,363	\$ 2.3300	\$ 331,706	\$	469,798
July	137,750	\$ 3.9200	\$ 539,980	160,481	\$ 0.9700 \$		160,481	\$ 2.3300	\$ 373,921	\$	529,587
August	139,345	\$ 3.9200		150,301	\$ 0.9700 \$		150,301	\$ 2.3300	\$ 350,201	\$	495,993
September	115.674	\$ 3.9200 \$ 3.9200	\$ 453,442	138,173	\$ 0.9700 \$ \$ 0.9700 \$	\$ 134,028	138,173	\$ 2.3300	\$ 321,943	\$	455,971
October November	112,051 124.635			121,600 124,635			121,600 124,635	\$ 2.3300 \$ 2.3300	\$ 283,328 \$ 290,400	\$	401,280 411,296
December	124,635	\$ 3.9200 \$ 3.9200		124,635	\$ 0.9700 \$ \$ 0.9700 \$		124,635	\$ 2.3300	\$ 290,400 \$ 297,725	\$ \$	421,671
December	123,703	φ 3.9200 -	9 400,101	121,119	\$ 0.9700 4	p 123,940	121,119	φ 2.3300	φ 291,125	φ	421,071
Total	1,490,452	\$ 3.92	\$ 5,842,572	1,610,642	\$ 0.97 \$	\$ 1,562,323	1,610,642	\$ 2.33	\$ 3,752,796	\$	5,315,119
Hydro One		Network		Lie	ine Connectior	n	Transfo	rmation Con	nection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	12.949	\$ 3.3980	\$ 44,002	12,949	\$ 0.8045 \$	\$ 10,418	12,949	\$ 2.0194	\$ 26,150	\$	36.568
February	10,775	\$ 3.3980	\$ 36,613	10,775	\$ 0.8045 \$	\$ 8,668	10,775	\$ 2.0194	\$ 21,759	\$	30,427
March	10,163	\$ 3.3980	\$ 34,535	10,369	\$ 0.8045 \$	\$ 8,342	10,369	\$ 2.0194	\$ 20,940	ŝ	29,282
April	9,953	\$ 3.3980	\$ 33,821	9,953	\$ 0.8045	\$ 8,007	9,953	\$ 2.0194	\$ 20,100	\$	28,107
May	9,168	\$ 3.3980	\$ 31,152	9,168	\$ 0.8045 \$		9,168	\$ 2.0194	\$ 18,513	ŝ	25,889
June	12,056	\$ 3.3980		12,056	\$ 0.8045 \$		12,056	\$ 2.0194	\$ 24,347	ŝ	34,046
July	14,061	\$ 3.3980	\$ 47,781	14,061	\$ 0.8045 \$		14,061	\$ 2.0194	\$ 28,396	\$	39,708
August	14,039	\$ 3.3980	\$ 47,705	14,039	\$ 0.8045 \$	\$ 11,295	14,039	\$ 2.0194	\$ 28,351	ŝ	39,645
September	12,825	\$ 3.3980	\$ 43,579	12,825	\$ 0.8045 \$	\$ 10,318	12,825	\$ 2.0194	\$ 25,899	\$	36,216
October	11,108	\$ 3.3980	\$ 37,745	11,108	\$ 0.8045 \$	\$ 8,936	11,108	\$ 2.0194	\$ 22,431	\$	31,367
November	10,751	\$ 3.3980 \$	\$ 36,533	10,751	\$ 0.8045 \$	\$ 8,649	10,751	\$ 2.0194	\$ 21,711	\$	30,361
December	11,224	\$ 3.3980	\$ 38,140	11,250	\$ 0.8045 \$	\$ 9,051	11,250	\$ 2.0194	\$ 22,719	\$	31,770
Total	139,074	\$ 3.40	\$ 472,573	139,306	\$ 0.80 \$	\$ 112,072	139,306	\$ 2.02	\$ 281,314	\$	393,386
Add Extra Host Here (I)		Network		Lir	ine Connectior	n	Transfo	rmation Con	nection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
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May	-	\$ - : \$ - :		-	\$ - \$		-	\$ -	\$ -	\$	-
June	-	\$ - !		-	\$ - \$			s -	\$ -	\$	-
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Total		Ŧ .	\$-	-	\$-9	Ŧ	-	\$-	\$-	\$	-
Add Extra Host Here (II)		Network		Lir	ine Connectior	'n	Transfo	rmation Con	nection	Tota	I Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Unite Dillard	Rate			Amount
January							Units Billed	Nate	Amount		
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February		\$ - :	\$-	-	\$ - \$ \$ - \$	\$- \$-	-	\$- \$-	\$- \$-	\$ \$:
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March April May June July August September October November December Total Total Month January February March April May	142.767 138,530 137,186 128,863 112,500	\$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lints Billed 154,730 140,711 141,322 139,724 121,927	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504.445 459,216 461,559 456,351 398,224
March April May June July August September October November December Total Total January February March April May Janu January	142,767 138,530 137,186 128,863 112,500 142,452	\$ - 1 \$ - 1 \$ - 1 \$ - 1 \$ - 1 \$ - 1 \$ - 2 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lints Billed 154,730 140,711 141,362 139,724 121,997 154,419	\$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504,445 459,216 461,559 456,351 388,224 503,844
March April May June July August September October November December Total Total Month January February March April May June July	142,767 138,530 137,186 128,863 112,500 142,452 151,811	\$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ - . \$ 3.87 . \$ 3.88 . \$ 3.88 . \$ 3.88 . \$ 3.88 . \$ 3.88 . \$ 3.88 .	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lints Billed 154,730 140,711 141,322 139,724 121,927 154,419 174,4419	\$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504,445 459,216 461,559 456,351 398,224 503,844 569,295
March April May June July August September October November December Total Total Month January February March April May June June July August	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384	\$ - 1 \$ - 1 \$ - 1 \$ - 1 \$ - 5 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,349	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504,445 459,216 461,559 456,351 398,224 503,844 569,295 535,638
March April May June July August September October November December Total Total March April March April May July July August September	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384 128,499	\$ - 1 \$ - 8 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lints Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,034	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504,445 459,216 461,559 456,351 388,224 503,844 569,295 535,638 492,187
March April May June July August September October November December Total Total January February March April May June July August September	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384 128,499 123,159	\$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$\$\$\$\$\$\$\$\$\$ \$ TO 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504.445 459,216 461,559 456,351 398,224 503,844 569,295 535,638 492,187 432,647
March April May June July August September October November December Total Total Total Month January February March April May July July September October November	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384 128,499 123,159 135,386	\$ - 1 \$ - 8 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 154,730 140,711 141,362 139,724 121,397 154,419 174,542 164,340 150,098 135,386	\$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	Amount 504.445 459.216 461.559 456.351 398.224 503.844 509.295 535.638 492.187 432.647 432.647
March April May June July August September October November December Total Total January February March April May June June July August September	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384 128,499 123,159	\$ - 1 \$ - 8 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lints Billed 154,730 140,711 141,362 139,724 121,997 154,419 174,542 164,340 150,998 132,708	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$ 0.96 \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$\$\$\$\$\$\$\$\$\$ \$ TO 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504.445 459,216 461,559 456,351 398,224 503,844 569,295 535,638 492,187 432,647
March April May June July August September October November December Total Total Month January February March April May June July August September October November	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384 128,499 123,159 135,386 134,987	\$ - 1 \$ - 8 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Linits Billed 154,730 140,711 141,362 139,724 121,197 154,419 174,542 164,340 150,098 135,386 135,386 139,029	\$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 504.445 459,216 461,559 456,351 398,224 503,844 569,295 535,638 492,187 432,647 431,656 453,441
March April May June July August September October November Total Total Month January February March April May July July August September October November December	142,767 138,530 137,186 128,863 112,500 142,452 151,811 153,384 128,499 123,159 135,386 134,987	\$ - 1 \$ - 8 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 154,730 140,711 141,362 139,724 121,397 154,419 174,542 164,340 150,098 135,386	\$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2.30 \$ 2.30 \$ 2.30 \$ 2.30 \$ 2.30 \$ 2.30 \$ 2.30 \$ 2.31	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	**************************************	Amount 504.445 459.216 461.559 456.351 398.224 503.844 509.295 535.638 492.187 432.647 432.647

Total including deduction for Low Voltage Switchgear Credit \$ 5,708,505

Contario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073	261,694,806	0	1,910,372	29.7%	1,878,433	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	106,006,128	0	720,842	11.2%	708,790	0.0067
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7340		528,420	1,444,700	22.5%	1,420,546	2.6883
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9038		265,773	771,752	12.0%	758,849	2.8553
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.2152		477,954	1,536,718	23.9%	1,511,025	3.1614
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068	2,295,597	0	15,610	0.2%	15,349	0.0067
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0723		1,299	2,692	0.0%	2,647	2.0377
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0619		9,621	19,838	0.3%	19,506	2.0274
The purpose of this table is to re-align the current R	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	0.0069	261,694,806	0	1,805,694	30.3%	1,730,190	0.0066
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	106,006,128	0	646,637	10.9%	619,599	0.0058
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2,4459		528,420	1,292,462	21.7%	1.238.419	2.3436
General Service 1.000 To 4.999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6813		265,773	712,617	12.0%	682,819	2.5692
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	3.0662		477,954	1,465,503	24.6%	1,404,223	2.9380
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	2,295,597	Ó	14,003	0.2%	13,418	0.0058
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9305		1,299	2,508	0.0%	2,403	1.8498
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8911		9,621	18,194	0.3%	17,433	1.8120
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	0.0072	261,694,806	0	1,878,433	29.7%	1,878,433	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	106,006,128	0	708,790	11.2%	708,790	0.0067
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6883		528,420	1,420,546	22.5%	1,420,546	2.6883
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8553		265,773	758,849	12.0%	758,849	2.8553
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1614		477,954	1,511,025	23.9%	1,511,025	3.1614
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	2,295,597	0	15,349	0.2%	15,349	0.0067
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0377		1,299	2,647	0.0%	2,647	2.0377
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0274		9,621	19,506	0.3%	19,506	2.0274
The purpose of this table is to update the re-aligned	RTS Connection Rates to recover future wholesale connection costs.							_	_

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	261,694,806	0	1,730,190	30.3%	1,730,190	0.0066
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	106,006,128	0	619,599	10.9%	619,599	0.0058
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3436		528,420	1,238,419	21.7%	1,238,419	2.3436
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5692		265,773	682,819	12.0%	682,819	2.5692
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9380		477,954	1,404,223	24.6%	1,404,223	2.9380
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	2,295,597	0	13,418	0.2%	13,418	0.0058
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8498		1,299	2,403	0.0%	2,403	1.8498
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8120		9,621	17,433	0.3%	17,433	1.8120

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator has been set at the 2020 value and will be updated by OEB staff at a later date.



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	32.76				1.40%	33.22	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	29.33		0.0204		1.40%	29.74	0.0207
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	156.68		4.5531		1.40%	158.87	4.6168
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	3444.01		1.8574		1.40%	3,492.23	1.8834
LARGE USE SERVICE CLASSIFICATION	26950.23		2.0239		1.40%	27,327.53	2.0522
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	13.18		0.0358		1.40%	13.36	0.0363
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.24		28.0058		1.40%	4.30	28.3979
STREET LIGHTING SERVICE CLASSIFICATION	2.63		20.4831		1.40%	2.67	20.7699
microFIT SERVICE CLASSIFICATION	4.55					4.55	

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate for 2021 Filers

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

application			
Regulatory Charges			
Effective Date of Regulatory Charges		January 1, 2020	January 1, 2021
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		June 1, 2020
Off-Peak	\$/kWh	0.1280
Mid-Peak	\$/kWh	0.1280
On-Peak	\$/kWh	0.1280

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

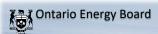
Wireline Pole Attachment Charge	Unit	Current charge	Inflation factor *	Proposed charge ** / ***
Specific charge for access to the power poles - per pole/year	\$	44.50	2.00%	45.39

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	\$	102.00	2.00%	104.04
Monthly fixed charge, per retailer	\$	40.80	2.00%	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.02	2.00%	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61	2.00%	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)	2.00%	(0.62)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	\$	0.51	2.00%	0.52
Processing fee, per request, applied to the requesting party	\$	1.02	2.00%	1.04
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)	\$	4.08	2.00%	4.16
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)	\$	2.04	2.00%	2.08

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

 $\ast\ast$ applicable only to LDCs in which the province-wide pole attachment charge applies

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



Incentive Rate-setting Mechanism Rate Generator

for 2021 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Red 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 2020 of \$0.1368/kWh (IESO's Monthly Market Report for May 2020) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.

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

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION		RPP	1.0421	1.0421	750		CONSUMPTION	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		RPP	1.0421	1.0421	2,000		CONSUMPTION	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION		RPP	1.0421	1.0421	20,000	60	DEMAND	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0421	1.0421	1,000,000	2,100	DEMAND	
LARGE USE SERVICE CLASSIFICATION		Non-RPP (Other)	1.0421	1.0421	5,900,000	10,000	EMAND - INTERVA	L
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	1.0421	1.0421	714		CONSUMPTION	1
SENTINEL LIGHTING SERVICE CLASSIFICATION		RPP	1.0421	1.0421	103	1	DEMAND	385
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	1.0421	1.0421	303	1	DEMAND	808
RESIDENTIAL SERVICE CLASSIFICATION		Non-RPP (Retailer)	1.0421	1.0421	750		CONSUMPTION	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION		Non-RPP (Other)	1.0421	1.0421	20,000	60	DEMAND	
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				
Add additional scenarios if required			1.0421	1.0421				

ab	

		Total										
Units		Α				В		(C		Total Bill	
		\$	%		\$	%		\$	%		\$	%
kWh	\$	(0.61)	-1.8%	\$	(0.31)	-0.9%	\$	(0.63)	-1.3%	\$	(0.51)	-0.4%
kWh	\$	1.52	2.1%	\$	1.92	2.4%	\$	1.09	1.0%	\$	0.88	0.3%
kW	\$	39.70	8.2%	\$	40.91	9.4%	\$	32.03	4.3%	\$	26.01	0.9%
kW	\$	177.76	2.4%	\$	202.33	3.8%	\$	(134.93)	-0.8%	\$	(152.47)	-0.1%
kW	\$	126.80	0.3%	\$	86.80	0.2%	\$	(1,733.20)	-1.8%	\$	(1,958.52)	-0.2%
kWh	\$	(0.47)	-1.2%	\$	(0.47)	-1.1%	\$	(0.77)	-1.5%	\$	(0.62)	-0.5%
kW	\$	(3.99)	-0.2%	\$	(4.02)	-0.2%	\$	(4.13)	-0.2%	\$	(3.36)	-0.2%
kW	\$	(0.16)	0.0%	\$	(0.14)	0.0%	\$	(0.26)	0.0%	\$	(0.29)	0.0%
kWh	\$	(0.61)	-1.8%	\$	3.74	11.4%	\$	3.42	7.8%	\$	3.87	2.3%
kW	\$	39.70	8.2%	\$	148.91	46.1%	\$	140.03	22.1%	\$	158.24	3.9%
	1											
	1											
	1			1								
	kWh kWh kW kW kWh kWh kWh kWh	kWh \$ kWh \$ kW \$ kW \$ kW \$ kW \$ kWh \$ kW \$ kWh \$ kWh \$	kWh \$ (0.61) kWh \$ 1.52 kW \$ 39.70 kW \$ 177.76 kW \$ 126.80 kWh \$ (0.47) kW \$ (0.47) kW \$ (0.47) kW \$ (0.47) kW \$ (0.16) kWh \$ (0.16)	\$ % kWh \$ (0.61) -1.8% kWh \$ 1.52 2.1% kW \$ 1.52 2.1% kW \$ 1.52 2.1% kW \$ 1.77.76 2.4% kW \$ 126.80 0.3% kWh \$ (0.47) -1.2% kW \$ (0.47) -0.2% kW \$ (0.16) 0.0% kWh \$ (0.61) -1.8%	\$ % kWh \$ (0.61) -1.8% \$ kWh \$ 1.52 2.1% \$ kW \$ 39.70 8.2% \$ kW \$ 177.76 2.4% \$ kW \$ 126.80 0.3% \$ kWh \$ (0.47) -1.2% \$ kW \$ (0.39) -0.2% \$ kW \$ (0.16) 0.0% \$ kWh \$ (0.61) -1.8% \$	A \$ kWh \$ (0.61) -1.8% \$ (0.31) kWh \$ (0.61) -1.8% \$ (0.31) kWh \$ 1.52 2.1% \$ 1.92 kW \$ 39.70 8.2% \$ 40.91 kW \$ 177.76 2.4% \$ 202.33 kW \$ 126.80 0.3% \$ 86.80 kWh \$ (0.47) -1.2% \$ (0.47) kW \$ (0.50) -0.2% \$ (4.02) kW \$ (0.16) 0.0% \$ (0.14) kWh \$ (0.61) -1.8% \$ 3.74	\$ % \$ % kWh \$ (0.61) -1.8% \$ (0.31) -0.9% kWh \$ 1.52 2.1% \$ 1.92 2.4% kW \$ 1.52 2.1% \$ 1.92 2.4% kW \$ 1.52 2.1% \$ 1.92 2.4% kW \$ 177.76 2.4% \$ 202.33 3.8% kW \$ 126.80 0.3% \$ 86.80 0.2% kWh \$ (0.47) -1.2% \$ (0.47) -1.1% kW \$ (0.47) -0.2% \$ (4.02) -0.2% kW \$ (0.16) 0.0% \$ (0.14) 0.0% kWh \$ (0.61) -1.8% \$ 3.74 11.4%	A B \$ % \$ % kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ kWh \$ 1.52 2.1% \$ 1.92 2.4% \$ kW \$ 39.70 8.2% \$ 40.91 9.4% \$ kW \$ 177.76 2.4% \$ 202.33 3.8% \$ kW \$ 126.80 0.3% \$ 86.80 0.2% \$ kWh \$ (0.47) -1.2% \$ (0.47) -1.1% \$ kWh \$ (0.16) 0.2% \$ (4.02) -0.2% \$ kWh \$ (0.61) -1.8% \$ 3.74 11.4% \$	A B \$ % \$ % \$ kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) kWh \$ 1.52 2.1% \$ 1.92 2.4% \$ 1.09 kW \$ 39.70 8.2% \$ 40.91 9.4% \$ 32.03 kW \$ 177.76 2.4% \$ 202.33 3.8% \$ (134.93) kW \$ 126.80 0.3% \$ 86.80 0.2% \$ (1,733.20) kWh \$ (0.47) -1.2% \$ (0.47) -1.1% \$ (0.77) kW \$ (0.16) 0.0% \$ (0.26) -0.2% \$ (4.13) kWh \$ (0.16) 0.0% \$ (0.26) -0.2% <	A B C \$ % \$ % \$ % kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% kWh \$ 1.52 2.1% \$ 1.92 2.4% \$ 1.09 1.0% kW \$ 39.70 8.2% \$ 40.91 9.4% \$ 32.03 4.3% kW \$ 177.76 2.4% \$ 202.33 3.8% \$ (134.93) -0.8% kW \$ 126.80 0.3% \$ 86.80 0.2% \$ (1,733.20) -1.8% kWh \$ (0.47) -1.2% \$ (0.47) -1.1% \$ (0.26) 0.2% kW \$ (0.16) 0.0% \$ (0.14) 0.0% \$ <	A B C M kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% \$ kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% \$ kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% \$ kWh \$ 1.52 2.1% \$ 1.92 2.4% \$ (0.63) -1.3% \$ kW \$ 39.70 8.2% \$ 40.91 9.4% \$ 32.03 4.3% \$ kW \$ 177.76 2.4% \$ 202.33 3.8% \$ (134.93) -0.8% \$ kW \$ 126.80 0.3% \$ 86.80 0.2% \$ (1,733.20) -1.8% \$ kWh \$ (0.47) -1.2% \$ (0.47) -1.1% \$ (0.77) -1.5% \$ kW \$ (3.99) -0.2% \$ (4.02) -0.2% \$ (4.13) -0.2% \$ kW \$ (0.16) 0.0% \$ (0.14)	A B C Total Bill \$ % \$ % \$ Total Bill kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% \$ (0.51) kWh \$ (0.61) -1.8% \$ (0.31) -0.9% \$ (0.63) -1.3% \$ (0.51) kWh \$ 1.52 2.1% \$ 1.92 2.4% \$ 1.09 1.0% \$ 0.88 kW \$ 39.70 8.2% \$ 40.91 9.4% \$ 32.03 4.3% \$ 26.01 kW \$ 177.76 2.4% \$ 202.33 3.8% \$ (134.93) -0.8% \$ (152.47) kW \$ 126.80 0.3% \$ 86.80 0.2% \$ (173.20) -1.8% \$ (1,958.52) kWh \$ (0.47) -1.2% \$ (

RPP / Non-RPP:	RPP																										
Consumption	750	kWh																									
Demand	-	kW																									
Current Loss Factor	1.0421																										
Proposed/Approved Loss Factor	1.0421																										
-																											
				EB-Approved	d			-	Proposed				Im	pact													
			Rate	Volume		Charge		Rate	Volume			\$ Change		¢ Ohanana		A O 1											
Monthly Service Charge		¢	(\$) 32.76	1	\$	(\$) 32.76	•	(\$) 33.22	4	\$	(\$) 33.22		e 0.46	% Change 1.40%													
Distribution Volumetric Rate		¢ ¢	32.70	750		32.70	э S	33.22	-		33.22	э с \$.40	1.40%													
Fixed Rate Riders		¢ ¢	0.55		s S	0.55	ŝ		1 1	¢ ¢			- .55)	-100.00%													
Volumetric Rate Riders		ŝ	0.0008	750		0.60	ŝ	0.0001	750	¢	0.08		.53)	-87.50%													
Sub-Total A (excluding pass through)		Ψ	0.0000	100	Ś	33.91	Ŷ	0.0001	100	Š	33.30		.61)	-1.81%													
Line Losses on Cost of Power		\$	0.1280	32	\$	4.04	\$	0.1280	32	\$	4.04		- 1	0.00%													
Total Deferral/Variance Account Rate		¢	0.0026	750	¢	(1.95)	¢	0.0022	750	¢	(1.65)	¢	.30	-15.38%													
Riders		- \$.30														
CBR Class B Rate Riders		-\$	0.0002	750		(0.15)	-\$	0.0002		\$	(0.15)		-	0.00%													
GA Rate Riders		\$	-	750		-	\$	-	750	\$		\$	-														
Low Voltage Service Charge		\$	0.0002	750	\$	0.15	\$	0.0002	750	\$	0.15	\$	-	0.00%													
Smart Meter Entity Charge (if applicable)		\$	0.57	1	\$	0.57	\$	0.57	1	\$	0.57	\$	-	0.00%													
Additional Fixed Rate Riders		\$	-	1	\$		\$	-	1	\$		\$	-														
Additional Volumetric Rate Riders		\$	-	750	\$	-	\$	-	750	\$	-	\$	-														
Sub-Total B - Distribution (includes Sub-					\$	36.57				¢	36.26	¢ ((.31)	-0.86%													
Total A)					•					φ																	
RTSR - Network		\$	0.0073	782	\$	5.71	\$	0.0072	782	\$	5.63	\$ (0	.08)	-1.37%													
RTSR - Connection and/or Line and		\$	0.0069	782	\$	5.39	\$	0.0066	782	\$	5.16	\$ (0	.23)	-4.35%													
Transformation Connection		· .			· .				-	•		. (.	- /		In the manager's summary, discuss the reason												
Sub-Total C - Delivery (including Sub- Total B)					\$	47.67				\$	47.04	\$ (0	.63)	-1.32%													
Wholesale Market Service Charge		\$	0.0034	782	\$	2.66	\$	0.0034	782	\$	2.66	\$	-	0.00%													
(WMSC)		•			Ľ	2.00	Ť			Ť	2.00			2.5070													
Rural and Remote Rate Protection (RRRP)		\$	0.0005	782	\$	0.39	\$	0.0005	782	\$	0.39	\$	-	0.00%													
(RRRP) Standard Supply Service Charge		¢	0.25	1	s	0.25	\$	0.25	4	¢	0.25	\$	_	0.00%													
TOU - Off Peak		\$	0.25	480		61.44		0.25	480	\$	61.44		-	0.00%													
TOU - Mid Peak		\$	0.1280	135		17.28		0.1280	135	š	17.28	\$	-	0.00%													
TOU - On Peak		\$	0.1280	135		17.28		0.1280	135	\$	17.28		-	0.00%													
Total Bill on TOU (before Taxes)					\$	146.97				\$	146.34		.63)	-0.43%													
HST			13%		\$	19.11		13%		\$	19.02	\$ (0	.08)	-0.43%													
Ontario Electricity Rebate			31.8%		\$	(46.74)		31.8%		\$	(46.54)		.20														
Total Bill on TOU					\$	119.34				\$	118.83	\$ (0	.51)	-0.43%													

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION

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

2,000 kWh Consumption - kW <u>1.0421</u> 1.0421 Demand

Current Loss Factor Proposed/Approved Loss Factor

		Current O	d				Proposed]			
		Rate	Volume		Charge		Rate	Volume		Charge		A O 1		
Manthly Canving Channel	6	(\$) 29.33	4	\$	(\$) 29.33	•	(\$) 29.74	4	\$	(\$) 29.74		\$ Change 0.41	% Change 1.40%	
Monthly Service Charge Distribution Volumetric Rate	\$	29.33	2000		40.80		0.0207	2000			э \$	0.41	1.40%	
Fixed Rate Riders	P	0.0204	2000	ф С	40.80	э S	0.0207	2000	ф ф	41.40	ф Ф	(0.49)	-100.00%	
Volumetric Rate Riders	3		1	þ.		\$	-	1	\$	-	\$			
	\$	0.0013	2000	\$ \$	2.60 73.22	2	0.0018	2000	2	<u>3.60</u> 74.74	\$	1.00 1.52	<u>38.46%</u> 2.08%	
Sub-Total A (excluding pass through) Line Losses on Cost of Power	\$	0.1280	84	ə S	10.78		0.1280	84	Դ Տ	10.78		1.52	0.00%	
Total Deferral/Variance Account Rate	Þ	0.1200	04	φ	10.76	Þ	0.1200	04	Φ	10.70	Φ	-	0.00%	
	-\$	0.0024	2,000	\$	(4.80)	-\$	0.0022	2,000	\$	(4.40)	\$	0.40	-8.33%	
Riders		0.0002	0.000	¢	(0, 40)	~	0.0000	0.000	\$	(0.40)	¢		0.00%	
CBR Class B Rate Riders	->	0.0002	2,000		(0.40)	->	0.0002	2,000	\$	(0.40)	\$	-	0.00%	
GA Rate Riders	3	-	2,000	\$	-	\$	-	2,000	\$	-	\$	-	0.000/	
Low Voltage Service Charge	Þ	0.0002	2,000	Э	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	\$	-	1	\$		s	-	1	\$	-	\$	-		
Additional Volumetric Rate Riders	Ś	-	2,000	\$		ŝ	-	2,000	ŝ	-	\$			
Sub-Total B - Distribution (includes Sub-				\$	79.77				\$	81.69	¢	1.92	2.41%	
Total A)				•	-				•			-		
RTSR - Network	\$	0.0068	2,084	\$	14.17	\$	0.0067	2,084	\$	13.96	\$	(0.21)	-1.47%	
RTSR - Connection and/or Line and	\$	0.0061	2,084	\$	12.71	s	0.0058	2,084	\$	12.09	\$	(0.63)	-4.92%	
Transformation Connection	Ψ	0.0001	2,004	φ	12.71	Ŷ	0.0050	2,004	Ð	12.03	Ψ	(0.03)	-4.3270	In the mana
Sub-Total C - Delivery (including Sub-				\$	106.65				\$	107.74	\$	1.09	1.02%	
Total B)				Ŧ					•		•			
Wholesale Market Service Charge	\$	0.0034	2,084	\$	7.09	\$	0.0034	2,084	\$	7.09	\$	-	0.00%	
(WMSC) Rural and Remote Rate Protection														
	\$	0.0005	2,084	\$	1.04	\$	0.0005	2,084	\$	1.04	\$	-	0.00%	
(RRRP)		0.05			0.05		0.05		*	0.05			0.000/	
Standard Supply Service Charge	\$	0.25	1 000	\$	0.25		0.25 0.1280	1	¢	0.25	\$	-	0.00%	
TOU - Off Peak	\$	0.1280 0.1280	1,280	\$	163.84 46.08		0.1280	1,280 360	¢	163.84 46.08	\$	-	0.00%	
TOU - Mid Peak	3		360	¢					\$		\$	-		
TOU - On Peak	\$	0.1280	360	\$	46.08	\$	0.1280	360	\$	46.08	\$	-	0.00%	
Total Bill on TOU (before Taxes)				ŝ	371.03	1			\$	372.12	\$	1.09	0.29%	
HST		13%		ŝ	48.23		13%		\$	48.38		0.14	0.29%	
Ontario Electricity Rebate		31.8%		\$	(117.99)	1	31.8%		\$	(118.33)		(0.35)	0.2370	
Total Bill on TOU		51.0 %		\$	301.28		51.5%		\$	302.16		0.88	0.29%	
				ų.	301.20				Ψ	302.10	ψ.	0.00	0.2378	1
														I

ager's summary, discuss the reasor

Customer Class:			0 TO 999 KW SERVICE C							1				
RPP / Non-RPP:		VICE 5	0 10 333 KW SERVICE C	LASSIFICAT						1				
Consumption	20,000	L/M/b												
	60													
Demand		ĸw												
Current Loss Factor Proposed/Approved Loss Factor	1.0421 1.0421													
Proposed/Approved Loss Factor	1.0421	1												
			Current O	EB-Approve	d				Proposed	ł			mpact	7
			Rate	Volume		Charge		Rate	Volume		Charge			
			(\$)			(\$)		(\$)			(\$)	\$ Change	% Change	
Monthly Service Charge		\$	156.68		\$	156.68		158.87		\$	158.87	\$ 2.1		
Distribution Volumetric Rate		\$	4.5531	60		273.19		4.6168	60	\$	277.01	\$ 3.8		
Fixed Rate Riders		\$	2.63	1	\$	2.63	\$	-	1	\$	-	\$ (2.6		
Volumetric Rate Riders		\$	0.8689	60		52.13	\$	1.4742	60	\$	88.45	\$ 36.3		
Sub-Total A (excluding pass through)					\$	484.63				\$	524.33	\$ 39.7	8.19%	
Line Losses on Cost of Power		\$	-	-	\$	-	\$	-	-	\$	-	\$-		
Total Deferral/Variance Account Rate		-\$	0.8152	60	\$	(48.91)	-\$	0.7885	60	\$	(47.31)	\$ 1.6	-3.28%	
Riders		-φ			Ψ	. ,	· ·			Ψ				
CBR Class B Rate Riders		-\$	0.0836	60	\$	(5.02)	-\$	0.0901	60	\$	(5.41)	\$ (0.3	9) 7.78%	
GA Rate Riders		\$	-	20,000	\$	-	\$	-	20,000	\$	-	\$-		
Low Voltage Service Charge		\$	0.0748	60	\$	4.49	\$	0.0748	60	\$	4.49	\$-	0.00%	
Smart Meter Entity Charge (if applicable)		\$	-	1	\$		\$	-	1	\$	-	\$-		
Additional Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$-		
Additional Volumetric Rate Riders		\$	-	60	\$	-	\$	-	60	\$	-	\$ -		
Sub-Total B - Distribution (includes Sub-						405.40				*	170.40	¢ 40.0	0.40%	
Total A)					\$	435.19				\$	476.10	\$ 40.9	9.40%	
RTSR - Network		\$	2.7340	60	\$	164.04	\$	2.6883	60	\$	161.30	\$ (2.7-	-1.67%	
RTSR - Connection and/or Line and		\$	2.4459		\$	146.75	\$	2.3436	CO		140.62	\$ (6.1	-4.18%	
Transformation Connection		Þ	2.4459	60	Э	146.75	\$	2.3436	60	\$	140.62	\$ (6.1	-4.18%	In the manager's summary, discuss the reaso
Sub-Total C - Delivery (including Sub-					ŝ	745.98				\$	778.02	\$ 32.0	4.29%	
Total B)					э	745.98				Э	778.02	\$ 32.0	4.29%	
Wholesale Market Service Charge		\$	0.0034	20,842	¢	70.86	•	0.0034	20,842	*	70.86	\$ -	0.00%	
(WMSC)		Þ	0.0034	20,842	Э	70.86	\$	0.0034	20,842	Э	70.86	э -	0.00%	
Rural and Remote Rate Protection			0.0005	20,842	¢	10.42		0.0005	20,842		10.42	\$-	0.00%	
(RRRP)		Þ	0.0005	20,842	Э	10.42	Э	0.0005	20,842	Э	10.42	э -	0.00%	
Standard Supply Service Charge		\$	0.25	1	\$	0.25	\$	0.25	1	\$	0.25	\$-	0.00%	
TOU - Off Peak		\$	0.1280	13,339	\$	1,707.38	\$	0.1280	13,339	\$	1,707.38	\$-	0.00%	
TOU - Mid Peak		\$	0.1280	3,752	\$	480.20	\$	0.1280	3,752	\$	480.20	\$-	0.00%	
TOU - On Peak		\$	0.1280	3,752	\$	480.20	\$	0.1280	3,752	\$	480.20	\$-	0.00%	
							1							4
Total Bill on TOU (before Taxes)					\$	3,495.29	1			\$	3,527.33			
HST			13%		\$	454.39		13%		\$	458.55			
Ontario Electricity Rebate			31.8%		\$	(1,111.50)		31.8%		\$	(1,121.69)			
Total Bill on TOU					\$	2,838.18				\$	2,864.19	\$ 26.0	0.92%	3

		VICE 1,000 TO 4,999 KW SERVICE CLASSIF	ICATION
RPP / Non-RPP:	Non-RPP (Othe	r)	
Consumption	1,000,000	kWh	
Demand	2,100	kW	
Current Loss Factor	1.0421		
Proposed/Approved Loss Factor	1.0421		

	Current O	EB-Approved	d		Proposed		In	npact	1
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 3,444.01	1	\$ 3,444.01	\$ 3,492.23	1	\$ 3,492.23		1.40%	
Distribution Volumetric Rate	\$ 1.8574	2100		\$ 1.8834	2100	\$ 3,955.14			
Fixed Rate Riders	\$ 57.57	1	\$ 57.57	\$ -	1	\$-	\$ (57.57)		
Volumetric Rate Riders	\$ 0.0540	2100		\$ 0.1171	2100		\$ 132.51	116.85%	
Sub-Total A (excluding pass through)			\$ 7,515.52			\$ 7,693.28	\$ 177.76	2.37%	
Line Losses on Cost of Power	\$ -	-	\$-	\$ -	-	\$-	\$-		
Total Deferral/Variance Account Rate	-\$ 1.0908	2,100	\$ (2,290.68)	-\$ 1.0779	2,100	\$ (2,263.59)	\$ 27.09	-1.18%	
Riders					-		• • • •		
CBR Class B Rate Riders	-\$ 0.0380	2,100	\$ (79.80)	-\$ 0.0392	2,100		\$ (2.52)	3.16%	
GA Rate Riders	\$ -	1,000,000		\$-	1,000,000		\$-		
Low Voltage Service Charge	\$ 0.0820	2,100	\$ 172.20	\$ 0.0820	2,100	\$ 172.20	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	e .	1	¢ .	e .	1	\$-	¢		
	φ -		Ψ -	<u>ب</u>		Ť	Ψ -		
Additional Fixed Rate Riders	\$ -	1	\$-	\$ -		\$-	\$ -		
Additional Volumetric Rate Riders	\$ -	2,100	\$-	\$ -	2,100	\$-	\$ -		
Sub-Total B - Distribution (includes Sub-			\$ 5,317.24			\$ 5,519.57	\$ 202.33	3.81%	
Total A)			· ·						
RTSR - Network	\$ 2.9038	2,100	\$ 6,097.98	\$ 2.8553	2,100	\$ 5,996.13	\$ (101.85)	-1.67%	
RTSR - Connection and/or Line and	\$ 2.6813	2,100	\$ 5,630.73	\$ 2.5692	2,100	\$ 5,395.32	\$ (235.41)	-4.18%	
Transformation Connection	÷ 2.0010	2,100	φ 0,000.70	¢ 2.0002	2,100	φ 0,000.02	φ (200.+1)	4.10%	In the manager's summary, discuss the rea
Sub-Total C - Delivery (including Sub-			\$ 17,045.95			\$ 16,911.02	\$ (134.93)	-0.79%	
Total B)			φ 11,040.00			φ 10,511.02	φ (104.00)	0.1070	
Wholesale Market Service Charge	\$ 0.0034	1,042,100	\$ 3,543.14	\$ 0.0034	1,042,100	\$ 3,543.14	\$ -	0.00%	
(WMSC)	• 0.0004	1,042,100	φ 0,040.14	φ 0.0004	1,042,100	φ 0,040.14	Ψ	0.0070	
Rural and Remote Rate Protection	¢ 0.0005	1,042,100	\$ 521.05	\$ 0.0005	1,042,100	\$ 521.05	¢	0.00%	
(RRRP)		1,042,100	φ 521.05	\$ 0.0005	1,042,100	φ 521.05	φ -	0.00%	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25			\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	1,042,100	\$ 142,559.28	\$ 0.1368	1,042,100	\$ 142,559.28	\$-	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 163,669.67			\$ 163,534.74	\$ (134.93)		
HST	13%		\$ 21,277.06	13%		\$ 21,259.52	\$ (17.54)	-0.08%	
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -			
		1							
Total Bill on Average IESO Wholesale Market Price			\$ 184,946.73			\$ 184,794.26	\$ (152.47)	-0.08%	

		ERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Othe	er)	
Consumption	5,900,000	kWh	
Demand	10,000	kW	
Current Loss Factor	1.0421		
Proposed/Approved Loss Factor	1.0421		
		-	

	Current Ol	EB-Approved	1		Proposed		Im	npact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 26,950.23		\$ 26,950.23	\$ 27,327.53		\$ 27,327.53		1.40%	
Distribution Volumetric Rate	\$ 2.0239	10000		\$ 2.0522	10000	\$ 20,522.00		1.40%	
Fixed Rate Riders	\$ 450.50	1	\$ 450.50		1	\$-	\$ (450.50)	-100.00%	
Volumetric Rate Riders	\$ 0.0305	10000		\$ 0.0222	10000			-27.21%	
Sub-Total A (excluding pass through)			\$ 47,944.73			\$ 48,071.53	\$ 126.80	0.26%	
Line Losses on Cost of Power	\$ -	-	\$-	\$-	-	\$-	\$-		
Total Deferral/Variance Account Rate	-\$ 1.3030	10,000	\$ (13,030.00)	-\$ 1.3070	10,000	\$ (13,070.00)	\$ (40.00)	0.31%	
Riders	• 1.0000			¢ 1.0070	-		φ (+0.00)	0.0170	
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	\$ 0.0938	10,000	\$ 938.00	\$-	0.00%	
Smart Meter Entity Charge (if applicable)	۰. ·	1	\$ -	¢ -	1	\$ -	\$ - 2		
	•		\$			+	Ŷ		
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -		\$ -	\$ -		
Additional Volumetric Rate Riders	\$-	10,000	\$-	\$-	10,000	\$-	\$-		
Sub-Total B - Distribution (includes Sub-			\$ 35,852.73			\$ 35,939.53	\$ 86.80	0.24%	
Total A)									
RTSR - Network	\$ 3.2152	10,000	\$ 32,152.00	\$ 3.1614	10,000	\$ 31,614.00	\$ (538.00)	-1.67%	
RTSR - Connection and/or Line and	\$ 3.0662	10,000	\$ 30,662.00	\$ 2.9380	10,000	\$ 29,380.00	\$ (1,282.00)	-4.18%	
Transformation Connection	• 0.0002	10,000	¢ 00,002.00	• 10000	,	• 20,000,000	¢ (1,202100)		In the manager's summary, discuss the rea
Sub-Total C - Delivery (including Sub-			\$ 98,666.73			\$ 96,933.53	\$ (1,733.20)	-1.76%	
Total B)			• •••,••••			• •••,••••	¢ (.,		
Wholesale Market Service Charge	\$ 0.0034	6,148,390	\$ 20,904.53	\$ 0.0034	6,148,390	\$ 20,904.53	s -	0.00%	
(WMSC)	• 0.0004	0,140,000	φ 20,004.00	¢ 0.0004	0,140,000	φ 20,004.00	Ψ	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	6,148,390	\$ 3,074.20	\$ 0.0005	6,148,390	\$ 3,074.20	\$ - 2	0.00%	
(RRRP)		0,140,000			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25			\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	6,148,390	\$ 841,099.75	\$ 0.1368	6,148,390	\$ 841,099.75	\$-	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 963,745.45			\$ 962,012.25			I
HST	13%		\$ 125,286.91	13%		\$ 125,061.59	\$ (225.32)	-0.18%	
Ontario Electricity Rebate	31.8%		\$-	31.8%		\$-			
Total Bill on Average IESO Wholesale Market Price			\$ 1,089,032.36			\$ 1,087,073.85	\$ (1,958.52)	-0.18%	1

Customer Class: UN	METERED SCATTERE	ED LOAD SERVICE CL	ASSIFICATIO	<u>N</u>]				
RPP / Non-RPP: RP				l								
Consumption	714 kWh											
Demand	- kW											
Current Loss Factor	1.0421											
Proposed/Approved Loss Factor	1.0421											
			EB-Approve				Proposed			li	mpact	
		Rate	Volume	Charge	Rat		Volume		Charge	A O	~ ~	
Marthly Carries Observe	6	(\$)	1	(\$) \$ 13.18	(\$	13.36	4	\$	(\$) 13.36	\$ Change \$ 0.18	% Change 1.37%	
Monthly Service Charge Distribution Volumetric Rate	\$	0.0358	714			0.0363	714			\$ 0.18	1.37%	
Fixed Rate Riders	\$ ¢	0.0358	/14	\$ 25.56 \$ 0.22		0.0303	/ 14	э S	20.92	\$ (0.22		
Volumetric Rate Riders	-\$	0.22	714			- 0.0017	714		(1.21)			
Sub-Total A (excluding pass through)	-ə	0.0006	/14	\$ 38.53		0.0017	/ 14	Ф \$	38.06	\$ (0.79 \$ (0.47		
Line Losses on Cost of Power	\$	0.1280	30			0.1280	30	¢ ¢	3.85		0.00%	
Total Deferral/Variance Account Rate	Ŷ			•				•				
Riders	-\$	0.0022	714	\$ (1.57)	-\$ 0	0.0022	714	\$	(1.57)	\$ -	0.00%	
CBR Class B Rate Riders	-5	0.0002	714	\$ (0.14)	-\$ 0	0.0002	714	\$	(0.14)	\$ - 2	0.00%	
GA Rate Riders	š	0.0002			ŝ		714	ŝ	(0.14)	φ ς _	0.0070	
Low Voltage Service Charge	š	0.0002	714		\$ O	0.0002	714	Ψ	0.14	\$ -	0.00%	
Smart Meter Entity Charge (if applicable)	Ŷ	0.0002	714	φ 0.14	Ψ Ŭ	0.0002	114	•	0.14	Ψ	0.0070	
Smart meter Entity Gharge (il applicable)	\$	-	1	\$-	\$	-	1	\$	-	\$ -		
Additional Fixed Rate Riders	\$	-	1	\$-	\$	-	1	\$	-	\$-		
Additional Volumetric Rate Riders	\$	-	714	\$ -	\$	-	714	\$	-	\$ -		
Sub-Total B - Distribution (includes Sub-				\$ 40.81				\$	40.34	\$ (0.47	-1.15%	
Total A)				•				Э			-1.15%	
RTSR - Network	\$	0.0068	744	\$ 5.06	\$ 0	0.0067	744	\$	4.99	\$ (0.07	-1.47%	
RTSR - Connection and/or Line and	\$	0.0061	744	\$ 4.54	¢ 0	0.0058	744	¢	4.32	\$ (0.22	-4.92%	
Transformation Connection	φ	0.0001	744	φ 4.04	φU	0.0058	/44	φ	4.32	φ (0.22	-4.92 /0	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-				\$ 50.41				\$	49.64	\$ (0.77	-1.52%	
Total B)				φ <u> </u>				Ψ	43.04	φ (0.77	-1.52 /6	
Wholesale Market Service Charge	s	0.0034	744	\$ 2.53	\$ 0	0.0034	744	\$	2.53	\$ - 2	0.00%	
(WMSC)	Ψ	0.0034	/44	ψ 2.00	φυ	0.0034		Ψ	2.55	Ψ -	0.0078	
Rural and Remote Rate Protection	¢	0.0005	744	\$ 0.37	\$ 0	0.0005	744	¢	0.37	\$-	0.00%	
(RRRP)	Ŷ			•				•		•		
Standard Supply Service Charge	\$	0.25		\$ 0.25		0.25	1			\$ -	0.00%	
TOU - Off Peak	\$	0.1280		\$ 58.49		0.1280	457			\$ -	0.00%	
TOU - Mid Peak	\$	0.1280				0.1280	129			\$ -	0.00%	
TOU - On Peak	\$	0.1280	129	\$ 16.45	\$ 0	0.1280	129	\$	16.45	\$-	0.00%	
Total Bill on TOU (before Taxes)				\$ 144.95	1			¢	144.19	\$ (0.77	-0.53%	
HST		13%		\$ 18.84		13%		¢	18.74			
Ontario Electricity Rebate		31.8%		\$ (46.09)		31.8%		\$	(45.85)		-0.55%	
Total Bill on TOU		31.0%		\$ 117.70		51.0 /0		\$	117.08	\$ (0.62	-0.53%	
				÷ 117.70		_		Ψ	117.00	¥ (0.02	-0.55%	

Customer Class: SE		ITING SER	VICE CLASSIFICATIO	N											
RPP / Non-RPP: RP															
Consumption	103	kWh													
Demand	1	kW													
Current Loss Factor	1.0421														
Proposed/Approved Loss Factor	1.0421														
				EB-Approved	d				Proposed				lm	pact	
			Rate	Volume		Charge		Rate	Volume		Charge				
			(\$)			(\$)		(\$)			(\$)		hange	% Change	
Monthly Service Charge		\$	4.24	385		1,632.40	\$	4.30	385		1,655.50	\$	23.10	1.42%	
Distribution Volumetric Rate		\$	28.0058	1	\$	28.01	\$	28.3979		\$	28.40	\$	0.39	1.40%	
Fixed Rate Riders		\$	0.07	385		26.95	\$		385		-	\$	(26.95)	-100.00%	
Volumetric Rate Riders		\$	0.3380	1	\$	0.34	-\$	0.1940	1	\$	(0.19)	\$	(0.53)	-157.40%	
Sub-Total A (excluding pass through)		\$	0.1280	4	\$	1,687.69		0.1280	4	\$	1,683.70 0.56		(3.99)	-0.24%	
Line Losses on Cost of Power		ф.		4	\$	0.56	Þ	0.1280	4	Э	0.56	\$	-	0.00%	
Total Deferral/Variance Account Rate Riders		-\$	0.7798	1	\$	(0.78)	-\$	0.7949	1	\$	(0.79)	\$	(0.02)	1.94%	
CBR Class B Rate Riders		¢	0.0798	1	\$	(0.08)		0.0916	1	\$	(0.09)	\$	(0.01)	14.79%	
GA Rate Riders		-ə ¢	0.0796	103	э \$	(0.06)	-ə \$	0.0916	103		(0.09)	ֆ Տ	(0.01)	14.79%	
Low Voltage Service Charge		¢	0.0590	103	э \$	- 0.06	э S	0.0590	103		0.06	э \$	-	0.00%	
Smart Meter Entity Charge (if applicable)		Þ	0.0590			0.06	Þ	0.0590		•	0.00	φ	-	0.00%	
Smart Meter Entity Charge (il applicable)		\$	-	385	\$	-	\$	-	385	\$	-	\$	-		
Additional Fixed Rate Riders		\$	-	385	\$	-	\$	-	385	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-		
Sub-Total B - Distribution (includes Sub- Total A)					\$	1,687.45				\$	1,683.43	\$	(4.02)	-0.24%	
RTSR - Network		\$	2.0723	1	\$	2.07	\$	2.0377	1	\$	2.04	\$	(0.03)	-1.67%	
RTSR - Connection and/or Line and		\$	1.9305			1.00		4 0 400			4.05	¢		4 4 0 0 /	
Transformation Connection		\$	1.9305	1	\$	1.93	\$	1.8498	1	\$	1.85	\$	(0.08)	-4.18%	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub- Total B)					\$	1,691.45				\$	1,687.32	\$	(4.13)	-0.24%	
Wholesale Market Service Charge		\$	0.0034	107	\$	0.36	\$	0.0034	107	\$	0.36	\$	-	0.00%	
(WMSC)		•			·					•					
Rural and Remote Rate Protection		\$	0.0005	107	\$	0.05	\$	0.0005	107	\$	0.05	\$	-	0.00%	
(RRRP)		•		0.05		00.05		0.05			00.05	•		0.000/	
Standard Supply Service Charge		\$	0.25	385		96.25 8.44		0.25	385		96.25 8.44	\$ \$	-	0.00%	
TOU - Off Peak		þ ¢	0.1280	66	\$		\$	0.1280 0.1280	66	\$		-	-	0.00%	
TOU - Mid Peak TOU - On Peak		\$	0.1280	19 19	\$	2.37 2.37	\$ \$		19		2.37 2.37	\$ \$	-	0.00%	
	_	\$	0.1280	19	\$	2.37	Þ	0.1280	19	Þ	2.37	ð	-	0.00%	
Total Bill on TOU (before Taxes)					\$	1,801.30	1			ŝ	1,797.17	¢	(4.13)	-0.23%	
HST			13%		э \$	234.17	1	13%		э \$	233.63	թ Տ	(0.54)	-0.23%	
Ontario Electricity Rebate			31.8%		э \$	(572.81)	1	31.8%		¢ ¢	(571.50)		(0.54)	-0.23%	
Total Bill on TOU			31.8%		э \$	1.462.66		31.8%		¢	1,459.30	э \$	(3.36)	-0.23%	
					φ	1,402.00				9	1,409.30	φ	(3.30)	-0.23%	

Customer Class: <u>STREET LIGH</u> RPP / Non-RPP: <u>Non-RPP (Oth</u>	TING S	ERVICE CLASSIFICATION											
Consumption 202	er)												
	kWh												
Demand 1													
Current Loss Factor 1.042													
Proposed/Approved Loss Factor 1.042													
		Current Of	EB-Approved	1				Proposed			Imi	pact	1
		Rate	Volume	Charge		I	Rate	Volume	Charge				
		(\$)		(\$)			(\$)		(\$)		\$ Change	% Change	
Monthly Service Charge	\$	2.63	808	\$ 2,12	25.04	\$	2.67	808	\$ 2,157.	.36	\$ 32.32	1.52%	
Distribution Volumetric Rate	\$	20.4831	1			\$	20.7699	1	\$ 20.	.77		1.40%	
Fixed Rate Riders	\$	0.04	808			\$	-	808			\$ (32.32)	-100.00%	
Volumetric Rate Riders	\$	0.1646	1			-\$	0.2803	1		.28)		-270.29%	
Sub-Total A (excluding pass through)					'8.01				\$ 2,177.			-0.01%	4
Line Losses on Cost of Power	\$	0.1368	13	\$	1.75	\$	0.1368	13	\$1.	.75	\$-	0.00%	
Total Deferral/Variance Account Rate	-\$	0.8048	1	\$	(0.80)	-\$	0.7818	1	\$ (0,	78)	\$ 0.02	-2.86%	
Riders				•	• •								
CBR Class B Rate Riders	-\$	0.0830	1		(0.08)		0.0897	1		.09)		8.07%	
GA Rate Riders	\$	-	303			\$	-	303			\$-	0.000/	
Low Voltage Service Charge	\$	0.0578	1	\$	0.06	\$	0.0578	1	\$ 0.	.06	\$-	0.00%	
Smart Meter Entity Charge (if applicable)	\$	-	808	\$	-	\$	-	808	\$-		\$-		
Additional Fixed Rate Riders	¢	_	808	¢	_	s	_	808	s .		\$-		
Additional Volumetric Rate Riders	ŝ		1	\$	-	ŝ		1	ŝ.		\$-		
Sub-Total B - Distribution (includes Sub-	Ŷ					Ŷ			Ψ	-	T		
Total A)				\$ 2,17	8.92				\$ 2,178	.78	\$ (0.14)	-0.01%	
RTSR - Network	\$	2.0619	1	\$	2.06	\$	2.0274	1	\$ 2.	.03	\$ (0.03)	-1.67%	
RTSR - Connection and/or Line and	\$	4 0044		\$	4 00		4 0400				¢ (0.00)	4 4 0 0 /	
Transformation Connection	7	1.8911	1	Р	1.89	\$	1.8120	1	\$1.	.81	\$ (0.08)	-4.18%	In the manager's summary, discuss the reason
Sub-Total C - Delivery (including Sub-				\$ 2.18	32.88				\$ 2,182.	62	\$ (0.26)	-0.01%	
Total B)				φ 2,10	2.00				φ 2,102.	.02	\$ (0.20)	-0.0178	
Wholesale Market Service Charge (WMSC)	\$	0.0034	316	\$	1.07	\$	0.0034	316	\$ 1.	.07	\$-	0.00%	
Rural and Remote Rate Protection													
(RRRP)	\$	0.0005	316	\$	0.16	\$	0.0005	316	\$ 0.	.16	\$-	0.00%	
Standard Supply Service Charge	\$	0.25	808	\$ 20	02.00	\$	0.25	808	\$ 202	.00	s -	0.00%	
Average IESO Wholesale Market Price	ŝ	0.1368	303		1.45		0.1368	303		45		0.00%	
	1.7		230					500					1
Total Bill on Average IESO Wholesale Market Price				\$ 2,42	27.56				\$ 2,427	.30	\$ (0.26)	-0.01%	1
HST		13%			5.58		13%			55		-0.01%	
Ontario Electricity Rebate		31.8%		\$	-		31.8%		\$.	.	. (/		
Total Bill on Average IESO Wholesale Market Price					3.14				\$ 2,742.	.85	\$ (0.29)	-0.01%	

0		ERVICE CLASSIFICATION						1				
RPP / Non-RPP:				1				1				
Consumption	Non-RPP (Retai											
· · · ·												
Demand		kW										
Current Loss Factor	1.0421											
Proposed/Approved Loss Factor	1.0421											
	Γ	Current	OEB-Approve	d			Proposed	ł		Im	pact]
		Rate	Volume	Charge		Rate	Volume		Charge			
		(\$)		(\$)		(\$)			(\$)	\$ Change	% Change	
Monthly Service Charge		\$ 32.70			.76			\$	33.22	\$ 0.46	1.40%	
Distribution Volumetric Rate		\$ -	750			\$ -	750	\$	-	\$ -		
Fixed Rate Riders		\$ 0.5			.55		1	\$	-	\$ (0.55)	-100.00%	
Volumetric Rate Riders		\$ 0.0008	3 750		.60	§ 0.0001	750		0.08	\$ (0.53)	-87.50%	
Sub-Total A (excluding pass through)					.91			\$	33.30		-1.81%	
Line Losses on Cost of Power		\$ 0.1368	3 32	\$ 4	.32	0.1368	32	\$	4.32	\$-	0.00%	
Total Deferral/Variance Account Rate		-\$ 0.0020	5 750	\$ (1	.95) -	0.0022	750	\$	(1.65)	\$ 0.30	-15.38%	
Riders				· ·	· · ·							
CBR Class B Rate Riders		-\$ 0.0002			.15) -		750		(0.15)	\$ -	0.00%	
GA Rate Riders		-\$ 0.005			.20) -		750		(0.15)		-96.43%	
Low Voltage Service Charge		\$ 0.0002	2 750	\$ 0	.15	\$ 0.0002	750	\$	0.15	\$-	0.00%	
Smart Meter Entity Charge (if applicable)		\$ 0.57	7 1	\$ 0	.57	0.57	1	\$	0.57	\$-	0.00%	
Additional Fixed Rate Riders		\$ -	1	\$	- 5	5 - B	1	\$	-	\$-		
Additional Volumetric Rate Riders		s -	750		- 3	-	750	ŝ	-	\$ -		
Sub-Total B - Distribution (includes Sub-		•								• • • • •		
Total A)				\$ 32	.65			\$	36.38	\$ 3.74	11.44%	
RTSR - Network		\$ 0.0073	3 782	\$ 5	.71	0.0072	782	\$	5.63	\$ (0.08)	-1.37%	
RTSR - Connection and/or Line and		\$ 0.0069	782	\$ 5	.39	0.0066	782	¢	5.16	\$ (0.23)	-4.35%	
Transformation Connection		\$ 0.000	102	φυ	.39	0.0000	782	φ	5.10	φ (0.23)	-4.33%	In the manager's summary, discuss the reason
Sub-Total C - Delivery (including Sub-				\$ 43	.75			\$	47.17	\$ 3.42	7.82%	
Total B)				Ψ +0				Ŷ	41.11	φ 0.42	7.0270	
Wholesale Market Service Charge		\$ 0.0034	782	\$ 2	.66	6 0.0034	782	\$	2.66	\$ -	0.00%	
(WMSC)		•		· -				*		•		
Rural and Remote Rate Protection		\$ 0.000	5 782	\$ 0	.39	6 0.0005	782	\$	0.39	\$-	0.00%	
(RRRP)		-		, ·				•	0.00	÷	0.0070	
Standard Supply Service Charge										•		
Non-RPP Retailer Avg. Price		\$ 0.1368	3 750	\$ 102	.60	6 0.1368	750	\$	102.60	\$ -	0.00%	
Total Bill on Non-RPP Avg. Price				\$ 149	.40			\$	152.82	\$ 3.42	2.29%	
HST		139	16		.42	13%		ŝ	19.87		2.29%	
Ontario Electricity Rebate		31.8		\$ (47		31.8%		\$	(48.60)	- 0.14	2.2070	
Total Bill on Non-RPP Avg. Price		01.0		\$ 168		01.070		ŝ	172.68	\$ 3.87	2.29%	
				100				1		÷ 0.01	2.2370	

Customer Class:	GENERAL SER	VICE 50 TO 999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Othe	r)	
Consumption	20,000	kWh	
Demand	60	kW	
Current Loss Factor	1.0421		
Proposed/Approved Loss Factor	1.0421		

	Current Ol	EB-Approved	1		Proposed		In	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 156.68	1	\$ 156.68		1	\$ 158.87	\$ 2.19	1.40%	
Distribution Volumetric Rate	\$ 4.5531	60	\$ 273.19		60	\$ 277.01	\$ 3.82	1.40%	
Fixed Rate Riders	\$ 2.63	1	\$ 2.63	\$ -	1	\$ -	\$ (2.63)	-100.00%	
Volumetric Rate Riders	\$ 0.8689	60		\$ 1.4742	60		\$ 36.32	69.66%	
Sub-Total A (excluding pass through)			\$ 484.63	-		\$ 524.33		8.19%	
Line Losses on Cost of Power	\$ -	-	\$-	\$-	-	\$-	\$-		
Total Deferral/Variance Account Rate	-\$ 0.8152	60	\$ (48.91)	-\$ 0.7885	60	\$ (47.31)	\$ 1.60	-3.28%	
Riders	•		,	· ·					
CBR Class B Rate Riders	-\$ 0.0836	60	\$ (5.02)		60	\$ (5.41)		7.78%	
GA Rate Riders	-\$ 0.0056	20,000	\$ (112.00)		20,000			-96.43%	
Low Voltage Service Charge	\$ 0.0748	60	\$ 4.49	\$ 0.0748	60	\$ 4.49	\$-	0.00%	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$-	s -	1	s -	\$-		
Additional Fixed Rate Riders	s -	1	\$ -	\$ -	1	\$ -	¢		
Additional Volumetric Rate Riders	¢ _	60	s -	é .	60	\$ -	φ -		
Sub-Total B - Distribution (includes Sub-		00	Ŷ	Ψ -	00	*	Ψ -		
Total A)			\$ 323.19			\$ 472.10	\$ 148.91	46.08%	
RTSR - Network	\$ 2.7340	60	\$ 164.04	\$ 2.6883	60	\$ 161.30	\$ (2.74)	-1.67%	
RTSR - Connection and/or Line and	•		•			-			
Transformation Connection	\$ 2.4459	60	\$ 146.75	\$ 2.3436	60	\$ 140.62	\$ (6.14)	-4.18%	In the manager's summary, discuss the re
Sub-Total C - Delivery (including Sub-			\$ 633.98			\$ 774.02	A 110 00	22.09%	0
Total B)			\$ 633.98			۶ <i>11</i> 4.02	\$ 140.03	22.09%	
Wholesale Market Service Charge	\$ 0.0034	20,842	\$ 70.86	\$ 0.0034	20.842	\$ 70.86	¢	0.00%	
(WMSC)	\$ 0.0034	20,042	ф 70.00	\$ 0.0034	20,042	ə 70.00	ф -	0.00%	
Rural and Remote Rate Protection	\$ 0.0005	20,842	\$ 10.42	\$ 0.0005	20,842	\$ 10.42	¢	0.00%	
(RRRP)	\$ 0.0005	20,042	φ 10.4 <u>2</u>	\$ 0.0005	20,042	ə 10.42	ф -	0.00%	
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$-	0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	20,842	\$ 2,851.19	\$ 0.1368	20,842	\$ 2,851.19	\$-	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 3,566.70			\$ 3,706.74		3.93%	
HST	13%		\$ 463.67	13%		\$ 481.88	\$ 18.20	3.93%	
Ontario Electricity Rebate	31.8%		\$ (1,134.21)	31.8%		\$ (1,178.74)			
Total Bill on Average IESO Wholesale Market Price			\$ 4,030.37			\$ 4,188.61	\$ 158.24	3.93%	

Attachment 3

Global Adjustment Workform

	Ontario Energy Board		
	GA Analysis Workform		
			Version 1.9
Account 1	1589 Global Adjustment (GA) Analysis Workform		
	Input cells Drop down cells		
	Utility Name BLUEWATER POWER DISTRIBUTION CORPORAT	TION	
Note 1	For Account 1589,		
	 a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis, b) If the account was last approved on an interim basis, and 	sis.	2018
	 i) the account was tast approved on an interim basis, and i) there are no changes to the previously approved interim balances, select the year that the balances were on an interim basis. OR 	last approved for diposition	
	ii) there are changes to the previously approved interim balances, select the year that the balances were la on a final basis. An explanation should be provided to explain the reason for the change in the previously a		
	(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)		
	Instructions:		r
	1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Wo	orkform tabs and the	
	Principal Adjustments tab. For example:		
	 Scenario a -If 2018 balances were last approved on a final basis - Select 2018 and a GA Analysis Workform for Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balance 		
	 Analysis Workform for 2019 will be generated. Scenario bii - If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated. 	d 2017 balances were last	
	2) Complete the GA Analysis Workform for each year generated.		
	3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconcilia Principal Adjustments tab, depending on the year selected on the Information Sheet.	ttions are all shown in one	

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL		Adjusted Net Change in Principal Balance in the GL		\$ Consumption at Actual Rate Paid	
1681				0L	Difference	Actual Nate 1 ala	1200
2019	\$ 334,917	\$ 453,249	\$ (100,432)	\$ 352,817	\$ 17,901	\$ 18,933,442	0.1%
Cumulative Balance	\$ 334,917	\$ 453,249	\$ (100,432)	\$ 352,817	\$ 17,901	\$ 18,933,442	N/A

Ontario Energy Board

GA Analysis Workform

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

Year		2019		
Total Metered excluding WMP	C = A+B	855,411,426	kWh	100%
RPP	A	376,632,667	kWh	44.0%
Non RPP	B = D+E	478,778,759	kWh	56.0%
Non-RPP Class A	D	310,820,090	kWh	36.3%
Non-RPP Class B*	E	167,958,669	kWh	19.6%

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

Note 3 GA Billing Rate

GA is billed on the

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

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

1st Estimate

Note 4 Analysis of Expected GA Amount

Analysis of Expected GA Amount															
Year	2019														
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)		Total kWh charged Actual GA rate	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)		Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh) - 1st Estimate	Estimate	GA Rate Billed (\$/kWh) - Actual Rate	\$ Consumption at Actual GA Rate	Rate Billed	GA Actual Rate Paid (\$/kWh)	Actual Rate Paid	Expected GA Variance (\$)
	F	G	н	I = G+H	J	к	L=F-I	м	N=L*M	0	P=0*1	Q=N+P	R	S=R*(I+L)	T=S-Q
January	16,743,195		377,670	514100.99208			16,229,094	0.06741			41601.05228	1135604.30610	0.08092		
February	14,748,546		315,629	463038.65961			14,285,507	0.09657		0.08812	40802.96668	1420354.37631	0.08812		
March	14,520,099	150,387	312,056	462442.58758			14,057,656	0.08105	\$ 1,139,373	0.08041	37185.00847	1176558.05055	0.08041	\$ 1,167,561	\$ (8,997)
April	13,074,391	106,287	264,265	370552.69270			12,703,839	0.08129	\$ 1,032,695	0.12333	45700.26359	1078395.30605	0.12333	\$ 1,612,465	\$ 534,069
May	13,079,350	127,812	240,988	368799.75513			12,710,550	0.12860	\$ 1,634,577	0.12604	46483.52114	1681060.28536	0.12604	\$ 1,648,521	\$ (32,539)
June	13,306,077	70,090	216,275	286365.19974			13,019,712	0.12444	\$ 1,620,173	0.13728	39312.21462	1659485.15115	0.13728	\$ 1,826,658	\$ 167,173
July	16,201,682	99,518	233,473	332990.23133			15,868,692	0.13527	\$ 2,146,558	0.09645	32116.90781	2178674.87991	0.09645	\$ 1,562,652	\$ (616,023)
August	15,809,237		262,194	408189.87086			15,401,047	0.07211		0.12607	51460.49702	1162030.01947	0.12607		\$ 831,041
September	14,139,088	99,869	298,537	398405.60469			13,740,683	0.12934	\$ 1,777,220	0.12263	48856.47930	1826076.36848	0.12263	\$ 1,733,876	\$ (92,200)
October	13,690,800	264,294	336,257	600551.76898			13,090,248	0.17878	\$ 2,340,274	0.13680	82155.48200	2422429.97147	0.13680	\$ 1,872,901	\$ (549,529)
November	14,444,389	219,489	357,393	576881.79877			13,867,507	0.10727	\$ 1,487,567	0.09953	57417.04543	1544984.51724	0.09953	\$ 1,437,650	\$ (107,335)
December	15,272,875	162,595	387,810	550405.17449			14,722,469	0.08569	\$ 1,261,568	0.09321	51303.26631	1312871.66974	0.09321	\$ 1,423,585	\$ 110,713
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	175,029,729	1,730,178	3,602,546	5,332,724	-	-	169,697,004	1	18,024,130	1	574,395	18,598,525	1	\$ 18,933,442	\$ 334,917

Yes Yes

Calculated Loss Factor 1.0421
Most Recent Approved Loss Factor for Secondary Metered Customer <
5,000kw 1.0421
Difference 0.0000
Difference 0.0000

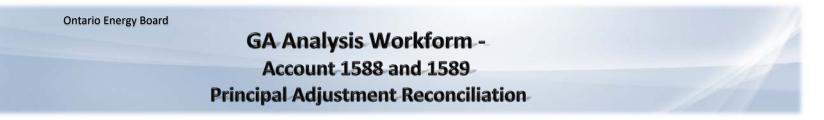
a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.

We have access to calendar month consumption so have used that data in columns C, D and E therefore unbilled kWh are

Note 5 Reconciling Items

	Item	Amount	Explanation	Prin	cipal Adjustments
Net Chan	uge in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 453,249.46		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year				
2a	Remove prior year end unbilled to actual revenue differences				
	Add current year end unbilled to actual revenue differences				
	Remove difference between prior year accrual/unbilled to actual from load transfers				
	Add difference between current year accrual/unbilled to actual from load transfers				
3	Significant prior period billing adjustments recorded in current year				
	Differences in actual system losses and billed TLFs	\$ (100,432)	Loss factor in 2019 higher than approved loss factor, revenue should have been higher.	No	This is an explanation of the variance only, not
	CT 2148 for prior period corrections				
6	Others as justified by distributor				
7					
8					
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	s	352,817
	Net Change in Expected GA Balance in the Year Per		
	Analysis	s	334,917
	Unresolved Difference	s	17,901
	Unresolved Difference as % of Expected GA Payments	to	
	IESO		0.1%



Note 7 Breakdown of principal adjustments included in last approved balance:

Account 1589 - RSVA C	lobal Adjustment		
Adjustment Description	Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1			
2			
3			
4			
5			
6			
7			
8			
Total	-		
Total principal adjustments included in last approved balance			
Difference	-		

Account 1588 - RSVA	Power		
Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application
1			
2			
3			
4			
5			
6			
7			
8			
Total			
Total principal adjustments included in last approved balance			
Difference	-]	

Note 8 Principal adjustment reconciliation in current application

Notes

1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule) 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule 3) The "Variance RRR vs. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

	Account 1589 - RSVA Global Adjus		
Year	Adjustment Description	Amount	Year Recorded in GL
	Reversals of prior approved principal adjustments (auto-populated from table about	/e)	
	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	Total Reversal Principal Adjustments	-	
	Current year principal adjustments		
	1 CT 148 true-up of GA Charges based on actual Non-RPP volumes		-
	2 Unbilled to actual revenue differences		
	3		
	4		
	5		
	6		
	8 Total Current Year Principal Adjustments		
	Total Principal Adjustments to be Included on DVA Continuity Schedule		1

		Account 1588 - RSVA Power		
Year		Adjustment Description	Amount	Year Recorded in GL
	Reversals	of prior approved principal adjustments (auto-populated from table above)		
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	-	
		ear principal adjustments		
		CT 148 true-up of GA Charges based on actual RPP volumes		
		CT 1142 true-up based on actuals		
	3	Unbilled to actual revenue differences		
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments		
		Total Principal Adjustments to be Included on DVA Continuity Schedule	-	

Attachment 4

LRAMVA Workform



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 5.0 (2021)

Generic LRAMVA Work Forms

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

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

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

Ontario Energy Board

LRAMVA Work Form: Instructions

Version 5.0 (2021)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a generic manner for use by all LDCs. 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:
	 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.
	• 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.
	 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.
	 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

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. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results and Participation and Cost Report. 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

Yeso Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-aYeso Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work formYeso 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 IYeso Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from theYeso Apply the IESO verified savings adjustments to the year it relates to.Yeso 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., streetlightingYeso Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a		
Yes o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent if o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the Ves Yes o Apply the IESO verified savings adjustments to the year it relates to. Yes 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	Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the o Apply the IESO verified savings adjustments to the year it relates to. Yes 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)	Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes o Apply the IESO verified savings adjustments to the year it relates to. Yes 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)	Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent
Yes 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	Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the
	Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Yes o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a	Yes	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
	Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

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

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load forecast was approved

IESO

g projects), as applicable

Carl or		LRAMVA Work Form:	
		Summary Tab	Version 5.0 (2021)
nd	User Inputs (Green)		
	Auto Populated Cells (White)		
	Instructions (Grey)		

Forecast Lost Revenues (\$)

LRAMVA (\$) for Account 1568

Carrying Charges (\$)

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. Flevious LKAWVA Application
Previous LRAMVA Application (EB#)
Application of Previous LRAMVA Claim

A Provious I RAMVA Application

Previous LRAMVA Application (EB#)
Application of Previous LRAMVA Claim
Period of LRAMVA Claimed in Previous Application
Amount of LRAMVA Claimed in Previous Application

EB-2019-002	21
2020 IRM Ap	oplication
2011-2018	
\$	359,628.00

<u>n</u>	
#)	EB-2020-0005
Claim	2021 IRM Application
oplication	2019 results plus persistence to
1	8 months
А	\$ 769,272
В	\$ 91,924
С	\$ 10,446
	1

\$

687,794

A-B+C

C. Documentation of Changes	
Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

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

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

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$22,545	\$579	\$23,125
GS<50 kW	kWh	\$120,229	\$1,813	\$122,041
General Service 50 - 999 kW	kW	\$511,625	\$7,708	\$519,333
General Service 1,000 - 4,999 kW	kW	\$20,440	\$308	\$20,748
Sentinel Lighting	kW	-\$165	-\$2	-\$168
Street Lighting	kW	-\$1,771	-\$27	-\$1,798
Unmetered Scattered Load	kWh	-\$2,526	-\$38	-\$2,564
Large Use	kW	\$6,970	\$105	\$7,076
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$677,348	\$10,446	\$687,794

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	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	
2011 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																í
2012 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Forecast	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
Amount Cleared																í
2013 Actuals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																í
2014 Actuals	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Forecast	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																·
2015 Actuals	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Forecast	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
Amount Cleared																í
2016 Actuals	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Forecast	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2017 Actuals	2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Forecast	_	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared																
2018 Actuals	2	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00
2018 Forecast		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared 2019 Actuals		6 00 454 04	\$91,943,31	0050 705 40	\$11,286,60	\$0.00	\$0.00	\$0.00	6 4,000,00	60.00	60.00	\$0.00	60.00	60.00	\$0.00	
		\$30,454.21		\$259,705.16					\$4,908.00	\$0.00	\$0.00		\$0.00	\$0.00		\$398,297.28
2019 Forecast		(\$7,908.95)	(\$32,034.10)	(\$5,021.17)	(\$1,104.25)	(\$82.29)	(\$882.69)	(\$1,259.28)	(\$1,431.15)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$49,723.89)
Amount Cleared		* 0.00	A00.070.07	6001 000 07	611 000 00	* 2 22	\$0.00	6 0.00	04 004 54	60.00	60.00	6 0.00	60.00	60.00	60.00	6070 074 00
2020 Actuals 2020 Forecast		\$0.00 \$0.00	\$92,673.97 (\$32,354,44)	\$261,996.67 (\$5,055,40)	\$11,369.68 (\$1,111,78)	\$0.00 (\$82.85)	\$0.00 (\$888.70)	\$0.00 (\$1,266,46)	\$4,934.51 (\$1,440.90)	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$370,974.83 (\$42,200.53)
2020 Forecast Amount Cleared		\$0.00	(\$32,354.44)	(\$5,055.40)	(\$1,111.78)	(\$82.85)	(\$888.70)	(\$1,266.46)	(\$1,440.90)	\$U.00	\$0.00	\$U.00	\$U.00	\$U.00	\$U.00	(\$42,200.53)
Carrying Charges		\$579.37	\$1.812.61	\$7,708.04	\$308.10	(\$2.49)	(\$26,71)	(\$38.09)	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.446.00
															\$0.00 \$0	
Total LRAMVA Balance	a la alcola di a bassa 16 a mu	\$23,125	\$61,722	\$262,392	\$10,490	-\$85	-\$909	-\$1,297	\$3,582	\$0	\$0	\$0	\$0	\$0	\$0	\$687,793.70

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

Return to top		2019		2020 Persistence		Total
	Actual	\$30,454		SO		
Residential	Forecast	(\$7,909)	\$22,545	\$0	\$0	\$22,545
C5 < 50 htt	Actual	\$91,943		\$92,674		
GS < 50 kW	Forecast	(\$32,034)	\$59,909	(\$32,354)	\$60,320	\$120,229
GS 50 – 999 kW	Actual	\$259,705		\$261,997		
G3 50 - 999 kw	Forecast	(\$5,021)	\$254,684	(\$5,055)	\$256,941	\$511,625
GS > 1,000 kW	Actual	\$11,287		\$11,370		
G3 > 1,000 KW	Forecast	(\$1,104)	\$10,182	(\$1,112)	\$10,258	\$20,440
Sen. Lighting	Actual	\$0		\$0		
Sen. Lighting	Forecast	(\$82)	(\$82)	(\$83)	(\$83)	(\$165)
Street Lighting	Actual	\$0		\$0		
Street Lighting	Forecast	(\$883)	(\$883)	(\$889)	(\$889)	(\$1,771)
USL	Actual	\$0		\$0		
USL	Forecast	(\$1,259)	(\$1,259)	(\$1,266)	(\$1,266)	(\$2,526)
Large Use	Actual	\$4,908		\$4,935		
Large Use	Forecast	(\$1,431)	\$3,477	(\$1,441)	\$3,494	\$6,970
Tabal	Actual	\$398,297		\$370,975		
Total	Forecast	(\$49,724)	\$348,573	(\$42,201)	\$328,774	\$677,348

Rate Class	Billing Unit	Principal	Carrying Charges	Total LRAMVA
Residential	kWh	\$22,545	\$579	\$23,12
GS < 50 kW	kWh	\$120,229	\$1,813	\$122,04
GS 50 - 999 kW	kW	\$511,625	\$7,708	\$519,33
GS > 1,000 kW	kW	\$20,440	\$308	\$20,74
Sentinel Lighting	kW	(\$165)	(\$2)	(\$168
Street Lighting	kW	(\$1,771)	(\$27)	(\$1,798
USL	kWh	(\$2,526)	(\$38)	(\$2,564
Large Use	kW	\$6,970	\$105	\$7,07
Total		\$677.348	\$10,446	\$687,79



LRAMVA Work Form: Summary of Changes

Legend

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

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

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

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

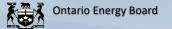
Table A-2. Updates to LRAMVA Disposition

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.				

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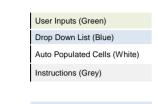
Rationale



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legena	



2013

Table 2-a. LRAMVA Threshold

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

	Total	Residential	GS<50 kW	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

 Years Included in Threshold
 Proportionate share of total load (weather normalized)

 Source of Threshold
 EB-2012-0107 Settlement Agreement, p.25

Table 2-b. LRAMVA Threshold

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

	Total	Residential	GS<50 kW	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-populate from.

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
2019	2013	4,162,607	1,601,705	1,126	607	3	44	35,877	722	0	0	0	0	0	0
2020	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

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

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

	Billing Unit	EB-2009-XXXX	EB-2010	0-0065	EB-2011-0153	EB	-2012-0107	EB-2013-0112	E	B-2014-0057	EB-201	5-0053	EB-2016-0	057	EB-2017-0027	EB-2	2018-0019	EB-201	19-0021	EB-2020-XXXX
Rate Year		2010	201	11	2012		2013	2014		2015	20	16	2017		2018		2019	20	20	2021
Period 1 (# months)							4	4		4	4	4	4		4		4	1	0	
Period 2 (# months)	-	12	12	2	12		8	8		8	6	3	8		8		8		2	12
Residential			\$	0.0186	\$ 0.0188	\$	0.0211	\$ 0.021	\$	0.0217	\$	0.0166	\$ 00	113	\$ 0.0058	\$	-	\$		
Rate rider for tax sharing			+	0.0.00	• • • • • • • •	Ť	0.0211	• ••••=•	Ť	0.02.11	•	0.0100	• • • • •		• • • • • • • • • •	+		•		
Rate rider for foregone revenue	kWh					-			-											
Other	_																			
Adjusted rate	_	\$-	\$	0.0186	\$ 0.0188	\$	0.0211	\$ 0.021	\$	0.0217	\$	0.0166	\$ 0.0	113	\$ 0.0058	\$	-	\$	-	
Calendar year equivalent	-		\$	0.0186	\$ 0.0188	\$	0.0203	\$ 0.021	\$	0.0216	\$	0.0183	\$ 0.0	131	\$ 0.0076	\$	0.0019	\$	-	1
GS<50 kW			\$	0.0169	\$ 0.0166	\$	0.0186	\$ 0.018	\$	0.0191	\$	0.0194	\$ 00	197	\$ 0.0199	\$	0.0201	\$	0.0204	
Rate rider for tax sharing			+	0.0.00	• • • • • • • •	Ť	010100	v 0.010	Ť	0.0.01	•	0.0101	• • • • •		• • • • • • • • •	Ť	0.0201	•	0.0201	
Rate rider for foregone revenue	kWh																			
Other	-																			
Adjusted rate	_	\$-	\$	0.0169	\$ 0.0166	\$	0.0186	\$ 0.018) \$	0.0191	\$	0.0194	\$ 0.0	197	\$ 0.0199	\$	0.0201	\$	0.0204	
Calendar year equivalent		_ ,	\$		\$ 0.0166		0.0179		-	0.0190		0.0193		196			0.0200		0.0202	
General Service 50 - 999 kW			\$	3.5306	\$ 3.5617	\$	4.1269	\$ 4.184	'\$	4.2391	\$	4.3154	\$ 4.3	844	\$ 4.4239	\$	4.4770	\$	4.5531	
Rate rider for tax sharing	_					Ť			Ť		,			-	* ***			•		
Rate rider for foregone revenue	kW																			
Other																				
Adjusted rate		\$-	\$	3.5306	\$ 3.5617	\$	4.1269	\$ 4.184	'\$	4.2391	\$	4.3154	\$ 4.3	844	\$ 4.4239	\$	4.4770	\$	4.5531	
Calendar year equivalent			\$	3.5306	\$ 3.5617	\$	3.9385	\$ 4.165	\$	4.2210	\$	4.2900	\$ 4.3	614	\$ 4.4107	\$	4.4593	\$	4.4897	
General Service 1,000 - 4,999 kW			\$	1.2678	\$ 1.2790	\$	1.6835	\$ 1.707	\$	1.7293	\$	1.7604	\$ 1.7	886	\$ 1.8047	\$	1.8264	\$	1.8574	
Rate rider for tax sharing																				
Rate rider for foregone revenue	kW																			
Other																				
Adjusted rate		\$-	\$	1.2678	\$ 1.2790	\$	1.6835	\$ 1.707	\$	1.7293	\$	1.7604		886		\$	1.8264	\$	1.8574	
Calendar year equivalent			\$	1.2678	\$ 1.2790	\$	1.5487	\$ 1.699	\$	1.7219	\$	1.7500	\$ 1.7	792	\$ 1.7993	\$	1.8192	\$	1.8316	
Sentinel Lighting			\$	18.9859	\$ 22.6299	\$	25.3845	\$ 25.739	\$	26.0745	\$	26.5438	\$ 26.9	685	\$ 27.2112	\$	27.5377	\$	28.0058	
Rate rider for tax sharing																				
Rate rider for foregone revenue	kW																			
Other																				
Adjusted rate		\$-		18.9859			25.3845			26.0745		26.5438		685			27.5377		28.0058	
Calendar year equivalent			\$	18.9859	\$ 22.6299	\$	24.4663	\$ 25.621	\$	25.9630	\$	26.3874	\$ 26.8	269	\$ 27.1303	\$	27.4289	\$	27.6157	
Street Lighting			\$	14.4684	\$ 16.5512	\$	18.5659	\$ 18.825	\$	19.0705	\$	19.4138	\$ 19.7	244	\$ 19.9019	\$	20.1407	\$	20.4831	
Rate rider for tax sharing																				
Rate rider for foregone revenue	kW																			
Other																				
Adjusted rate		\$-	\$	14.4684	\$ 16.5512	\$	18.5659	\$ 18.825	\$	19.0705	\$	19.4138	\$ <u>19.7</u>	244	\$ 19.9019	\$	20.1407	\$	20.4831	

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	Billing Unit	EB-2009-XXXX	EB-20	010-0065	EB-2011-0153	EB-2	2012-0107	EB-2013-01	12	EB-2014-0057	EB-2015-0053	EB-20	16-0057	EB-2017-0027	EB-2	018-0019	EB-2019-0021	EB-2020-XXX
Inmetered Scattered Load			\$	0.0396	\$ 0.0426	\$	0.0325	\$ 0.03	30 \$	0.0334	\$ 0.0340	\$	0.0345	\$ 0.0348	\$	0.0352	\$ 0.0358	
Rate rider for tax sharing			· ·												1		·	
Rate rider for foregone revenue	kWh																	
Other																		
djusted rate		\$-	\$	0.0396	\$ 0.0426	\$	0.0325	\$ 0.03	30 \$	0.0334	\$ 0.0340	\$	0.0345	\$ 0.0348	\$	0.0352	\$ 0.0358	
Calendar year equivalent			\$	0.0396	\$ 0.0426	\$	0.0359	\$ 0.03	28 \$	0.0333	\$ 0.0338	\$	0.0343	\$ 0.0347	\$	0.0351	\$ 0.0353	
arge Use			\$	1.4742	\$ 1.4610	\$	1.8345	\$ 1.86	02 \$	1.8844	\$ 1.9183	\$	1.9490	\$ 1.9665	\$	1.9901	\$ 2.0239	
ate rider for tax sharing																		
ate rider for foregone revenue	kW																	
ther																		
djusted rate		\$-	\$	1.4742	\$ 1.4610	\$	1.8345		02 \$		\$ 1.9183	\$	1.9490	\$ 1.9665	\$	1.9901	\$ 2.0239	
alendar year equivalent			\$	1.4742	\$ 1.4610	\$	1.7100	\$ 1.85	16 \$	1.8763	\$ 1.9070	\$	1.9388	\$ 1.9607	\$	1.9822	\$ 1.9957	
ate rider for tax sharing																		
ate rider for foregone revenue	0																	
Other																		
djusted rate		\$-	\$	-	\$-	\$	-	\$-	+		\$-	\$		\$-	\$		\$-	
alendar year equivalent			\$	-	\$-	\$	-	\$.	\$	-	\$-	\$	-	\$-	\$	-	\$-	
	_																	
ate rider for tax sharing	_																	
ate rider for foregone revenue	0																	
ther																		
djusted rate		\$-	\$	-	\$-	\$	-		\$			\$		\$-	\$		\$-	
Calendar year equivalent			\$	-	\$-	\$	-	\$-	\$	-	\$-	\$	-	\$ -	\$	-	\$-	
ate rider for tax sharing	_								_									
ate rider for foregone revenue	0																	
ther																		
djusted rate		\$ -	\$	-	\$-	\$	-	\$ -	\$	-	\$-	\$	-	\$ -	\$	-	\$ -	
calendar year equivalent		Ψ	\$	-	\$ -			\$···	\$		\$ -	\$		\$ -	\$		\$ -	
ate rider for tax sharing																		
Rate rider for foregone revenue	0																	
Dther																		
djusted rate	-	\$ -	\$	-	\$-	\$	-	\$	\$	-	\$-	\$	-	\$ -	\$	-	\$-	
alendar year equivalent		<u>ا ۲</u>	\$		\$-			\$	\$			\$	-			-		1
	_																	
ate rider for tax sharing																		
ate rider for foregone revenue	0																	
ther																		
djusted rate		\$-	\$	-	\$-	\$	-	\$	\$	-	\$-	\$	-	\$-	\$	-	\$-	
alendar year equivalent			\$	-	\$-			\$.			\$-	\$		\$-	\$	-		
	_																	
ate rider for tax sharing																		
ate rider for foregone revenue	0																	
Other																		
djusted rate		\$-	\$	-	\$-	\$	-	\$-	\$	-	\$-	\$	-	\$-	\$	-	\$-	
alendar year equivalent			· ·		\$-			\$.	\$			\$	- '		\$	-		

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

Billing Unit	EB-2009-XXXX	EB-2010-0065	EB-2011-0153	EB-2012-0107	EB-2013-0112	EB-2014-0057	EB-2015-0053	EB-2016-0057	EB-2017-0027	EB-2018-0019	EB-2019-0021	EB-2020-XXXX

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

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

Year	Residential	GS<50 kW	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
2011									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2012									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2013									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2014									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2015									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2016									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2017									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00
2018									\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0
2019	\$0.0019	\$0.0200	\$4.4593	\$1.8192	\$27.4289	\$20.0611	\$0.0351	\$1.9822	\$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 5.0 (2021)

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

2019 Energy Retrofit Program

ID	Rate Class	kwh	kw
1	GEN>50	6,936.00	6.96
2	GEN>50	84,752.00	15.07
3	GEN>50	36,505.00	5.50
4	GEN>50	193,605.00	33.10
5	GEN>50	84,641.00	14.40
6	GEN>50	8,232.00	14.40
7	GEN>50	70,244.00	11.95
8	GEN>50	5,460.00	-
9	GEN>50	73,747.00	13.07
10	GEN>50	7,211.00	-
10	GEN>50	71,540.00	12.79
12	GEN>50	4,914.00	12.79
13	GEN>50	66,421.00	11.75
14	GEN>50	4,368.00	-
15	GEN>50	131,109.00	18.70
16	GEN>50	181,363.00	35.80
17	GEN>50	31,752.00	-
18	GEN>50	59,889.00	11.20
19	GEN>50	5,611.00	-
20	GEN>50	57,294.00	11.50
21	GEN>50	4,994.00	-
22	GEN>50	123,962.00	43.00
23	GEN>50	1,504.99	0.33
24	GEN>50	2,092.00	0.50
25	GEN>50	275,889.00	53.90
26	GEN>50	22,835.00	-
27	GEN>50	9,996.00	-
28	GEN>50	79.806.00	3.20
29	GEN>50	11,958.00	1.73
30	GEN>50	104,151.00	-
31	GEN>50	111,176.00	23.70
32	GEN>50	7,636.00	1.90
33	GEN>50	39,271.00	6.96
34	GEN>50	6,522.00	-
35	GEN>50	25,942.00	4.90
36	GEN>50	188,814.00	32.80
37	GEN>50	28,804.00	6.30
38	GEN>50	4,299.00	0.90
39	GEN>50	3,466.00	-
40	GEN>50	8,332.00	-
41	GEN>50	10,831.00	-
42	GEN>50	3,978.00	-
43	GEN>50	19,969.00	3.70
44	GEN>50	74,930.00	3.10
45	GEN>50	120,825.00	26.78
46	GEN>50	4,346.40	-
	GEN>50 Total	2,481,923.39	415.49
47 48	GS<50 GS<50	4,170.00	
48	GS<50 GS<50	61,243.00	9.70
49 50	GS<50 GS<50	17,056.98	4.53
		48,857.00	11.00
51 52	GS<50 GS<50	38,428.00	7.40
52	GS<50 GS<50	6,090.00	-
54	GS<50 GS<50	19,843.00	5.20
54	GS<50 GS<50	6,072.00	2.30
55	GS<50 GS<50	12,163.00 19,367.00	- 4.10
57	GS<50 GS<50	3,547.00	4.10
58	GS<50	3,547.00	0.88
		3,009.00	0.70

ID	Rate Class	kwh		kw	
	1 GEN		2,757,000		315
	GEN Total		2,757,000		315
	2 Intermediate		156,000		72
	3 Intermediate		659,000		75
	Intermediate Tota	d i	815,000		147
	4 Large		289,000		131
	Large Total		289,000		131
	Grand Total		3,861,000		593

	kV	Vh	kW	
Net To Gross Adjust	91.30%	3,525,093	541	91.30%
Realization Rate	101.90%	3,592,070	858	158.40%
% Allocation to Rate	GEN>50	71.4%	65.02%	
	Intermediate	21.1%	24.79%	
	Large	7.5%	22.09%	

	Grand Total	3,647,435.68	618.34
	Intermediate Total	620,036.30	115.40
76	Intermediate	319,818.30	84.90
75	Intermediate	90,384.00	-
74	Intermediate	68,195.00	-
73	Intermediate	18,680.00	4.40
72	Intermediate	1,959.00	0.40
71	Intermediate	121,000.00	25.70
	GS<50 Total	545,475.99	87.45
70	GS<50	172,958.00	19.74
69	GS<50	2,747.21	0.60
68	GS<50	52,141.00	5.60
67	GS<50	16,554.00	3.60
66	GS<50	11,006.00	2.40
65	GS<50	6,431.00	1.40
64	GS<50	9,647.00	2.10
63	GS<50	2,964.00	-
62	GS<50	1,433.00	0.30
61	GS<50	14,230.00	2.90
60	GS<50	14,600.00	2.80
59	GS<50	918.80	0.20

	k\	Wh	kW	
Net to Gross Adjustment	88.40%	3,224,333	547	88.40%
Realization Rate	103.80%	3,346,858	608	111.30%
Allocation to Rate Class	GEN>50	68.05%	67.19%	
	GS<50	14.96%	14.14%	
	Intermediate	17.00%	18.66%	

Legend

Tables

LRAMVA Work Form:

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

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

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

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

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

Table 4-a.	2011 Lost Revenues
Table 4-b.	2012 Lost Revenues

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

Table 4-a. 2011 Lost Revenues Work Form

		Net Energy Savings (kWh)	Net Energy S	Savings Persister	ence (kWh)			Net Demand Savings (kW)		Ne	et Peak Demand	d Savings Per	sistence (kW)								Rate Alloc	cations for LRAM	AVN						
Program	Results Status	2011 2012	2013 2014 201	115 2016	2017 20	118 2019 20	Monthly Multiplier	2011	2012 2	2013 201	4 2015	2016 2	2017 2018	2019 2020	Residential	GS<50 kW	General Service 50 - 999 kW		Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use							Total
Consumer Program Appliance Retirement Adjustment to 2011 savings	Verified True-up	288,762 288,762	288,762 287,550 200,	,473 0	0 (0 0	0	41	41	41 40) 26	0	0 0	0 0	kWh 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kWh	kW 0.00%	0	0	0	0	0	0	100%
2 Appliance Exchange Adjustment 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	0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
3 HVAC Incentives Adjustment to 2011 savings	Verified True-up		748,429 748,429 748, -86,283 -86,283 -86,2					405	405 -46	405 405	5 405 6 -46	405 -46	405 405 -46 -46	405 405 -46 -46	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4 Conservation Instant Coupon Booklet Adjustment to 2011 savings	Verified True-up		121,767 121,767 111, 1,781 1,781 1,7					7		7 7 0 0	7	7	6 5 0 0	6 4 0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
5 Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up		189,856 189,856 173, 14,106 14,106 14,1					11 1	11 1					9 4 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%	100%
6 Retailer Co-op Adjustment to 2011 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>7</u> Residential Demand Response Adjustment to 2011 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
8 Residential Demand Response (IHD) Adjustment to 2011 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>9</u> Residential New Construction Adjustment to 2011 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Business Program 10 Retrofit Adjustment to 2011 savings	Verified True-up	325,703 325,703 118,887 118,887	325,703 325,703 325, 118,887 118,636 118,	,703 325,703 3 ,636 118,636	325,703 325 109,579 72	,703 210,011 210 27 727 7:	011 12 27 12	57 14	57 14	57 57 14 14	7 <u>57</u> 414	57 14	57 57 13 0	31 31 0 0	0.00%	11.00%	89.00% 89.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11 Direct Install Lighting Adjustment to 2011 savings	Verified True-up		237,601 205,599 205, 25,700 23,687 23,6											11 11 1 1	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%	0.00%	100%
12 Building Commissioning Adjustment to 2011 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 2011 savings	Verified True-up						12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
14 Energy Audit Adjustment to 2011 savings	Verified True-up						12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Small Commercial Demand Response Adjustment to 2011 savings	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%	0.000/	0.000/	0.00%	0.00%	0.00%	0.00%	0.000/	0.000/	0.00%	0.00%	0%
Adjustment to 2011 savings <u>17</u> Demand Response 3 Adjustment to 2011 savings	True-up Verified True-up	15,695 0	0 0 0	0	0 (0 0	0	402							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%		100%
Industrial Program 18 Process & System Upgrades Adjustment to 2011 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Adjustment to 2011 savings Adjustment to 2011 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Energy Manager Adjustment to 2011 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
21 Retrofit Adjustment to 2011 savings	Verified True-up	156,003 156,003	156,003 156,003 156,	,003 156,003	156,003 156	,003 156,003 156	i,003 12 12	23	23	23 23	3 23	23	23 23	23 23	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
22 Demand Response 3 Adjustment to 2011 savings	Verified True-up	98,938 0	0 0 0	0 0	0 (0 0	0	1,686	0	0 0	0	0	0 0	0 0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		100%
Anne Assistance Program Home Assistance Program Adjustment to 2011 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Aboriginal Program 24 Home Assistance Program Adjustment to 2011 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

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25 Direct Install Lighting	Verified											0												7								
Adjustment to 2011 savings	True-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Bee 0014 Beering a second start in 0014																																
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program	Verified	3,122,745	3 122 7/5	5 3 122 7/6	5 3,122,745	5 3 122 745	5 ########		****			12		432	432	432	432	432	432	432	432	432	432	7		100.00%						
Adjustment to 2011 savings	True-up	3,122,745	5,122,140	5 5,122,740	5 5,122,140	5 5,122,740	J ########					12		402	402	452	402	402	402	402	402	402	402	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Adjustment to 2011 savings							1			1								1														
27 High Performance New Construction	Verified	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379			1	1	1	1	1	1	1	1	1	1			100.00%						
Adjustment to 2011 savings	True-up											12												0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	Verified		_					_		-	-		_		_	_		-	-		-											
28 Toronto Comprehensive Adjustment to 2011 savings	True-up		-									0	_		-	-	-							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Adjustment to 2011 savings	nuo up						-			-	1	Ŭ			-			-	-		-			0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0
29 Multifamily Energy Efficiency Rebates	Verified											0												1								
Adjustment to 2011 savings	True-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
100.0															_									-								
30 LDC Custom Programs Adjustment to 2011 savings	Verified True-up		_									0	_		-									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Adjustment to 2011 savings	nue-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Other																																
31 Program Enabled Savings	Verified											0												1								
Adjustment to 2011 savings	True-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
T (1) D (_									-								
32 Time of Use Savings Adjustment to 2011 savings	Verified True-up		_									0	_		-									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
Adjustment to 2011 savings	nue-up											0						-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
33 LDC Pilots	Verified											12												1								
Adjustment to 2011 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
						-	-											-									-		-		-	
Actual CDM Savings in 2011 Forecast CDM Savings in 2011	-	5,387,378	-										_	3,139			_							1,282,244	312,689 0	6,235	0	0	0	0	0	
Forecast CDM Savings in 2011										1	1							1				I		U	U	U	U	U	U	U	U	
Distribution Rate in 2011																								\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.0
Lost Revenue in 2011 from 2011 program	s																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
Forecast Lost Revenues in 2011																								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
LRAMVA in 2011																																
2011 Savings Persisting in 2012																								1,282,244	312,206	6,235	0	0	0	0	0	(
2011 Savings Persisting in 2013																								1,282,244	312,206	6,235	0	0	0	0	0	0
2011 Savings Persisting in 2014 2011 Savings Persisting in 2015																								1,279,163 1,163,988	278,164 277,569	6,234 6,234	0	0	0	0	0	0
2011 Savings Persisting in 2015 2011 Savings Persisting in 2016																								933,515	277,336	6,234	0	0	0	0	0	
2011 Savings Persisting in 2017																								866,487	81,682	6,222	0	0	0	0	0	
2011 Savings Persisting in 2018																								865,549	69,708	6,088	0	0	0	0	0	Ċ
2011 Savings Persisting in 2019																								920,248	56,982	5,801	0	0	0	0	0	(
2011 Savings Persisting in 2020																								750,037	56,982	5,801	0	0	0	0	0	
Note: LDC to make note of key assumptions inc	luded above																															

Table 4-b. 2012 Lost Revenues Work Form		Return	o top																																
		Savi	Energy gs (kWh)		Net	Energy Sav	rings Persiste	ence (kWh)				Net Deman Savings (k)	id V)		Net F	eak Demand	Savings Pe	sistence (kW)									Rate Allo	cations for LRA	MVA						
Program	Results Status		2012 20	13 20	14 2015	2016	2017	2018	2019 202	0 2021	Monthly Multiplier	2012	201	3 2014	2015	2016	2017	2018 2019	9 2020	2021 F	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							Tota
Consumer Program Appliance Retirement Adjustment to 2012 savings	Verified True-up		60,470 160	,470 160,	470 158,72	7 94,922	0	0	0 0	0		24	24	24	22	12	0	0 0	0		kWh 100.00% 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kWh 0.00%	kW 0.00%	0.00%	0.00%	0	0	0	0 0.00%	1009
Appliance Exchange Adjustment to 2012 savings	Verified True-up		5,205 5,2	205 5,2	05 5,117	0	0	0	0 0	0]	3	3	3	3	0	0	0 0	0		100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
HVAC Incentives Adjustment to 2012 savings	Verified True-up		51,058 351 2,021 2,0						351,058 351,0 2,021 2,02]	208	208						3 <u>208</u> 1		100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Conservation Instant Coupon Booklet Adjustment to 2012 savings	Verified True-up		9,033 9,0	9,0	9,033	8,897	8,897	4,190	4,167 4,16	67 4,167]	1	1	1	1	1	1	1 1	1	1	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
Bi-Annual Retailer Event Adjustment to 2012 savings	Verified True-up		73,021 173	,021 173,	021 173,02	1 155,535	5 126,472	86,267	86,088 86,0	88 43,726]	10	10	10	10	9	7	6 6	6	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%	1009
Retailer Co-op Adjustment to 2012 savings	Verified True-up]										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response Adjustment to 2012 savings	Verified True-up]										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential Demand Response (IHD) Adjustment to 2012 savings	Verified True-up]										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Residential New Construction Adjustment to 2012 savings	Verified True-up		362 34 985 94	62 36 35 96	62 362 85 985	362 985	362 985	362 985	362 36 985 98	2 362 5 985]	0	0	0	0	0	0	0 0 1 1	0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1009
Business Program Retrofit Adjustment to 2012 savings	Verified True-up		131,943 1,419 31,672 331	9,830 1,419 ,672 330,	9,830 1,414,20 723 315,78	04 1,414,20 2 315,782	4 ####### 2 279,578	######## # 277,822 2	####### ##### 277,822 259,4	### ####### 181 248,986	12 12								2 258 46		0.00%	11% 11.00%	89% 89.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Direct Install Lighting Adjustment to 2012 savings	Verified True-up		36,133 885 4,296 24,	,883 885, 296 24,	737 692,09 296 17,378	8 692,098 8 17,378	8 140,461 2,816	140,461 1 2,816	136,748 136,7 2,816 2,81	748 136,748 16 2,816	12 12		246			197 5			37		0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Building Commissioning Adjustment to 2012 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%
New Construction Adjustment to 2012 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Audit Adjustment to 2012 savings	Verified True-up										12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response Adjustment to 2012 savings	Verified True-up]										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response (IHD) Adjustment to 2012 savings	Verified True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2012 savings	Verified True-up		2,211								-	152									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 2012 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Monitoring & Targeting Adjustment to 2012 savings	Verified True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Energy Manager Adjustment to 2012 savings	Verified True-up		3,280 8,2	280 8,2	80 8,280	8,280	8,280	8,280	8,280 8,28	30 8,280	12	10	10	10	10	10	10	10 10	10	10	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Retrofit Adjustment to 2012 savings	Verified True-up										12		_								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Demand Response 3 Adjustment to 2012 savings	Verified True-up		5,885 () (0 0	0	0	0	0 0	0		1,933	0	0	0	0	0	0 0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100
Home Assistance Program Home Assistance Program Adjustment to 2012 savings	Verified True-up		8,761 28, 2,008 2,0									2	2	2	2	2	2 0	2 2 0 0	2	2	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100

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Aboriginal Program 24 Home Assistance Program Adjustment to 2012 savings	Verified True-up																		0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
25 Direct Install Lighting Adjustment to 2012 savings	Verified True-up									0									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retrofit Incentive Program Adjustment to 2012 savings	Verified True-up									12 12									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
27 High Performance New Construction Adjustment to 2012 savings	Verified True-up	825,446	825,446 8	25,446 825,44	46 825,44	6 825,446	825,446 82	25,446 825,4	46 825,446	12 12	161	161	161	161	161	161	161 16	161		.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%
28 Toronto Comprehensive Adjustment to 2012 savings	Verified True-up									0									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2012 savings	Verified True-up									0									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2012 savings	Verified True-up									0									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other 31 Program Enabled Savings Adjustment to 2012 savings	Verified True-up									0									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Time of Use Savings Adjustment to 2012 savings	Verified True-up									0									O	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 LDC Pilots Adjustment to 2012 savings	Verified True-up									12 12									0	.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2012 Forecast CDM Savings in 2012		4,288,791									3,122									2,924 0	1,104,428	5,811 0	118 0	0	0	0	0	0	0	0	0	0	0	
ToteLast Corr Gevings in 2012 Distribution Rate in 2012 Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012			1 1								1								\$0 \$ \$	000000 0.00 0.00 0.00 0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$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	\$0.0000 \$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2012 Savings Persisting in 2013 2012 Savings Persisting in 2014 2012 Savings Persisting in 2015 2012 Savings Persisting in 2016 2012 Savings Persisting in 2017 2012 Savings Persisting in 2018 2012 Savings Persisting in 2019 2012 Savings Persisting in 2020 Note: LOC to make note of fex assumptions inclu	ded above																		73 73 64 52 47 47	2,924 2,862 1,026 4,179 0,065 5,024 4,821 8,983	1,102,845 1,102,594 899,774 899,774 319,664 319,036 315,323 311,029	5,790 5,787 5,717 5,717 5,301 5,290 5,290 5,176	118 118 118 118 118 118 118 118 118	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 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-c. 2013 Lost Revenues Work Form		idrum to too Net Energy Net Energy Savings Persistence (kWh) Savings (kWh)					Net Demand Net Peak Demand Savings Persistence (kW)							Rate Allocations for LRAMVA													
Program	Results Status	2013 2014 2015	2016 2017	2018 2019	2020 2021 2	Monthly Multiplier	2013	2014 2	2015 201	16 2017	2018 2	2019 2020 2	021 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						Total
Consumer Program 1 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	6 9	0	0 0	0 0	kWh 100.00% 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kWh 0.00%	kW 0.00%	0	0	0	0	0	0 100% 0.00%
Appliance Exchange Adjustment to 2013 savings	Verified True-up	29,555 29,555 29,555	29,555 0	0 0	0 0	0	17	17	17 17	7 0	0	0 0	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3 HVAC Incentives Adjustment to 2013 savings	Verified True-up	280,188 280,188 280,188 13,357 13,357 13,357					170 8	8	8 8	8	8	170 170 · · · · · · · · · · · · · · · · · · ·	8 8	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 0.00%
Conservation Instant Coupon Booklet Adjustment to 2013 savings	Verified True-up	152 152 145	40,560 40,560 125 125	125 125	125 105	105	3	0	0 0	0	0	3 3 0 0	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100% 0.00%
5 Bi-Annual Retailer Event Adjustment to 2013 savings 6 Retailer Co-op	Verified True-up Verified	110,989 110,989 104,302	81,480 81,480	81,480 81,480 8	81,384 68,439 6	5,439	8	8	/ 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%	100% 0.00% 0%
Adjustment to 2013 savings 7 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 2013 savings <u>8</u> Residential Demand Response (IHD) Adjustment to 2013 savings	True-up Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% 0%
<u>9</u> Residential New Construction Adjustment to 2013 savings	Verified True-up	4,700 4,700 4,700	4,700 4,700	4,700 4,700	4,700 4,700 4	,700	2	2	2 2	2	2	2 2	2 2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Program 10 Retrofit Adjustment to 2013 savings	Verified True-up	1,155,943 1,125,306 1,093,173 283,776 281,889 281,889										200 200		0.00%	6% 6.00%	81% 81.00%	6% 6.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	93%
11 Direct Install Lighting Adjustment to 2013 savings	Verified True-up		396,991 147,009									41 41		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%
12 Building Commissioning Adjustment to 2013 savings	Verified True-up					3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0% 0.00%
13 New Construction Adjustment to 2013 savings	Verified True-up	16,375 16,375 16,375	16,375 16,375	16,375 16,375	16,375 16,375 1	6,375 12	4	4	4 4	4	4	4 4	4 4	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% 0.00%
14 Energy Audit Adjustment to 2013 savings	Verified True-up	242,415 242,415 242,415	242,415 0	0 0	0 0	12 0 12	44	44	44 44	4 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%	100% 0.00%
15 Small Commercial Demand Response Adjustment to 2013 savings Small Commercial Demand Response (IHD)	Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0% 0.00%
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%
17 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%	100% 0.00%
Industrial Program 18 Process & System Upgrades 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% 0.00%
19 Monitoring & Targeting 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% 0.00%
20 Energy Manager Adjustment to 2013 savings	Verified True-up Verified					12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0% 0.00% 0%
21 Retrofit Adjustment to 2013 savings 22 Demand Response 3	True-up Verified	41,853 0 0	0 0	0 0	0 0	12	1,795	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%
		· · · · ·	· · ·																								

	Adjustment to 2013 savings	True-up						1							1		1					- 1		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	, ,	iide-dp								I					1		1							0.0075	0.0076	100.0076	0.0076	0.0070	0.0078	0.0075	0.0075	0.0
~~	Home Assistance Program	Verified	295.752	204 504	004 000	265,101	050 500	044.050	000 004	004.004 40	207 402 4	70		28	27	27	26	00	05	05	05	18	15	1000/								
23	Home Assistance Program Adjustment to 2013 savings	True-up	295,752		291,202		1.928		1.896		01 90			28	0		20	20	25	25	25 0	0	0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	, ,																															
	Aboriginal Program	Verified		_																												
24	Home Assistance Program Adjustment to 2013 savings	True-up										_												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	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%	0.0
							1				- 1	-																				
	Pre-2011 Programs completed in 2011	Vertine		_	_							40																				
	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%	0.0
	, ,																															
27	High Performance New Construction Adjustment to 2013 savings	Verified True-up		_	_							12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	Adjustment to 2010 savings	nue-up	L									12	-											0.0075	0.0076	0.0076	0.00%	0.0076	0.0076	0.0076	0.0076	0.0
28	Toronto Comprehensive	Verified										0																				
	Adjustment to 2013 savings	True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
29	Multifamily Energy Efficiency Rebates	Verified										0																				
	Adjustment to 2013 savings	True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
30	LDC Custom Programs	Verified										0																				
	Adjustment to 2013 savings	True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	Other																															
31	Program Enabled Savings	Verified										0																				
	Adjustment to 2013 savings	True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
32	Time of Use Savings	Verified										0																				
	Adjustment to 2013 savings	True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
33	LDC Pilots	Verified										0																				
	Adjustment to 2013 savings	True-up										0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0
	Actual CDM Savings in 2013		3,088,026											2,713										884,625	546,368	2,968	632	0	0	0	0	(
	Forecast CDM Savings in 2013																							4,162,607	1,601,705	1,126	607	3	44	35,877	722	(
	Distribution Rate in 2013																							\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.0
	Lost Revenue in 2013 from 2011 programs																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
	Lost Revenue in 2013 from 2012 programs																							\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0. \$0.
	Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013																							\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0. \$0.
	Forecast Lost Revenues in 2013																							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
	LRAMVA in 2013																															
	2013 Savings Persisting in 2014																							880,454	544,416	2,867	624	0	0	0	0	(
	2013 Savings Persisting in 2015																							871,462	530,845 479,430	2,767 2,763	617 617	0	0	0	0	0
	2013 Savings Persisting in 2016 2013 Savings Persisting in 2017																							814,525 734,405	479,430 225,319	2,763	178	0	0	0	0	
	2013 Savings Persisting in 2018																							663,358	224,607	2,420	176	0	0	0	0	0
	2013 Savings Persisting in 2019 2013 Savings Persisting in 2020																							658,307 656,480	224,607 224,489	2,420 2.419	176 176	0	0	0	0	(
	Note: LDC to make note of key assumptions include	ad above																						500,100	221,100	2,110		v	v	v	v	
	Note: Loc to make note of key assumptions meldue																															

Table 4-d. 2014 Lost Revenues Work Form		Return to Ton																										
rable + d. 2014 Eost Revendes Work Form		Net Energy	Net Energy Sa	wings Persistence (k	Wh)		Net Demand		Ne	t Peak Deman	d Savings Pe	ersistence (kW)								Rate Alloc	ations for LRAN	IVA						
Program	Results Status	Savings (kWh) 2014 2015 2	016 2017 2018			2 2023 Monthly	Savings (kW) 2014	2015 2	2016 201			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 Appliance Retirement Adjustment to 2014 savings	Verified True-up	100,775 100,775 10	0,775 100,461 49,823	7 0 0	0 0	0	18	18	18 17	7	0	0 0	0 0	kWh 100% 100.00%	kWh 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kW 0.00%	kWh	kW 0.00%	0	0	0	0	0	0	100%
2 Appliance Exchange Adjustment to 2014 savings	Verified True-up	22,166 22,166 22	2,166 22,166 0	0 0	0 0	0	12	12	12 12	2 0	0	0 0	0 0	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
3 HVAC Incentives Adjustment to 2014 savings	Verified True-up	363,212 363,212 36	3,212 363,212 363,21	12 363,212 363,21	2 363,212 363,2	12 363,212	199	199	199 19	9 199	199	199 199	199 199	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%
4 Conservation Instant Coupon Booklet Adjustment to 2014 savings	Verified True-up	192,635 179,447 17	3,094 173,094 173,09	173,094 173,09	4 172,777 172,7	77 148,470	14	14	13 13	3 13	13	13 13	13 12	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%
5 Bi-Annual Retailer Event Adjustment to 2014 savings	Verified True-up	794,005 688,791 63	3,959 633,959 633,95	633,959 633,95	633,685 633,6	85 589,362	52	45	42 42	2 42	42	42 42	42 39	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
6 Retailer Co-op Adjustment to 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%
<u>7</u> Residential Demand Response Adjustment to 2014 savings	Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
8 Residential Demand Response (IHD) Adjustment to 2014 savings	Verified True-up													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
9 Residential New Construction Adjustment to 2014 savings	Verified True-up	2,546 2,546 2	.546 2,546 2,546	6 2,546 2,546	5 2,546 2,54	6 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%
10 Adjustment to 2014 savings	Verified True-up	2,142,310 2,141,210 2,14	41,210 2,118,746 2,118,7	46 ####### ######	*** ********	## ####### 12 12	248	248	248 24	1 241	241	237 237	233 216	0.00%	6% 6.00%	81% 81.00%	6% 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 2014 savings	Verified True-up	703,764 682,709 62	0,101 448,199 448,19	9 448,199 448,19	99 448,057 448,0	57 448,057 12 12	189	183	168 11	6 116	116	116 116	116 116	0.00%	100% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Building Commissioning Adjustment to 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 12								0.00%	0.00%	0.00%	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 15 Small Commercial Demand Response	Verified True-up Verified					12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings Small Commercial 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%	
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%	0%
17 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0					304							0.00%	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Industrial Program Industrial Process & System Upgrades Adjustment to 2014 savings	Verified True-up	460,217 460,217 46	0,217 460,217 460,21	460,217 460,21	460,217 460,2	17 460,217 12 12		53	53 53	3 53	53	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 12								0.00%	0.00%	0.00%	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					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%

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

21 Retrofit 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%
22 Demand Response 3	Verified	0								12	1,786									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%
Adjustment to 2014 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%	
23 Home Assistance Program Adjustment to 2014 savings	Verified True-up	79,269	79,177 74	,860 73,07	72 71,137	71,137	68,951	68,013 31,	982 31,552		8	7	7	7	7	7	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 24 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 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%
27 High Performance New Construction Adjustment to 2014 savings	Verified True-up									12 12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
28 Toronto Comprehensive Adjustment to 2014 savings	Verified True-up									0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2014 savings	Verified True-up									0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 LDC Custom Programs Adjustment to 2014 savings	Verified True-up									0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>31</u> 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 Forecast CDM Savings in 2014		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	
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenues in 2014 Forecast Lost Revenues in 2014 LRAMVA in 2014							I													\$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	\$0.00000 \$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	\$0.00000 \$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
2014 Savings Persisting in 2015 2014 Savings Persisting in 2016 2014 Savings Persisting in 2017 2014 Savings Persisting in 2018 2014 Savings Persisting in 2018 2014 Savings Persisting in 2020 Note: LDC to make note of key assumptions incl	ded above																			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 2,346 2,306	814 814 810 810 810 807	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	208 208 203 203 203 199	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	

	Ontario Energy Board
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LRAMVA Work Form:

2015 - 2020 Lost Revenues Work Form

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

Instructions

Legend

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

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

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

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

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

Tables

 Table 5-a.
 2015 Lost Revenues.

 Table 5-b.
 2016 Lost Revenues.

 Table 5-c.
 2017 Lost Revenues.

 Table 5-d.
 2018 Lost Revenues.

 Table 5-d.
 2019 Lost Revenues.

 Table 5-d.
 2019 Lost Revenues.

 Table 5-d.
 2019 Lost Revenues.

Table 5-a. 2015 Lost Revenues Work Form		Net Energy								Net Den	and																				_	
Program	Results Status	Savings (kWh)		Net E	nergy Saving	s Persistence (k	Wh)		Month	Savings			Net Peak De	mand Savings	Persisten	ce (kW)				General					cations for LRAM	VA						
	olalao	2015	2016 2017	7 2018	2019 2	2020 2021	2022	2023 202	24	201	2016	2017	2018 20	19 2020	2021	2022 2023	2024	Residential	GS<50 kW	Service 50 - 999 kW	General Service 1,000 - 4,999 kW		Street Lighting	Unmetered Scattered Load	Large Use							Total
Legacy Framework Residential Program 1 Coupon Initiative	Verified	322.695	319,758 319,7	58 319.758	319.758 31	19.758 319.75	8 319.689	319.689 319.	689	21	21	21	21 2	1 21	21	21 21	21	kWh 100.00%	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	100%
Adjustment to 2015 savings 2 Bi-Annual Retailer Event Initiative	True-up Verified	53,894	53,119 53,11 585,562 585,50	19 53,119	53,119 5	3,119 53,119	9 53,097	53,097 53,0	97	3	3	3	3	3 3	3	3 3 40 40	3	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings	True-up Verified	6,166	6,094 6,09	4 6,094	6,094 6	6,094 6,094	6,079	6,079 6,0	79	0	0	0	0	0 0	0	0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Appliance Retirement Initiative Adjustment to 2015 savings	True-up		62,028 62,02													0 0		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
<u>4</u> HVAC Incentives Initiative Adjustment to 2015 savings	Verified True-up	387,380 3,351	387,380 387,3 3,351 3,35							204						204 204 2 2		100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>5</u> 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%
<u>Commercial & Institutional Program</u> <u>6</u> Energy Audit Initiative Adjustment to 2015 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive	Verified	5,333,302	5,333,302 5,298,	190 5,298,190	5,298,190 5,2	298,190 5,252,0	67 5,252,067	5,087,206 4,874	,162 12	308	308	297	297 2	97 297	290	290 289	265		13%	83%	4.00%											100%
Adjustment to 2015 savings	True-up	213,861	213,861 248,9	74 249,689	249,689 24	49,689 295,81	2 295,812	460,472 499,	374 12	24	24	35	35 3	5 35	43	43 43	40	0.00%	13.00%	83.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Birect Install Lighting and Water Heating Initiative Adjustment to 2015 savings	Verified True-up	278,584 -122,373	239,362 167,6 -83,151 -11,4			67,643 167,64 154 154		167,643 167, 154 15			57		38 3 0 0	8 38) 0	38 0	38 38 0 0	38 0	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%
9 New Construction and Major Renovation Initiative	Verified								12																							0%
Adjustment to 2015 savings	True-up Verified								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2015 savings	True-up	60,323	60,323 60,32	23 60,323	60,323 6	0,323 60,323	3 60,323	60,323 60,3			16	16	16 1	6 16	16	16 16	16	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	164,500	164,500 164,5	00 164,500	164,500 16	64,500 164,50	164,500	164,500 164,	500 12	19	19	19	19 1	9 19	19	19 19	19				100.00%											100%
Adjustment to 2015 savings Process and Systems Upgrades Initiatives -	True-up								12									0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Monitoring and Targeting Initiative Adjustment to 2015 savings	Verified True-up								12					_				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	22,293	22,293 22,29	93 22,293	22,293 2	2,293 22,293	3 22,293	20,201 20,2	201 12	8	8	8	8 1	8 8	8	8 6	6				100.00%											100%
Adjustment to 2015 savings	True-up								12									0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14 Low Income Initiative Adjustment to 2015 savings	Verified True-up	45,402	41,348 40,65	59 39,969	39,900 3	19,900 39,900	0 39,300	32,870 32,4	184 12 12	6	6	6	6	6	6	6 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%
15 Aboriginal Conservation Program	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009/	0.00%	0.00%	0.00%	0.00%	0.00%/	0.00%	0.00%	0%
Adjustment to 2015 savings <u>16</u> Program Enabled Savings	Verified								0													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0%
Adjustment to 2015 savings Conservation Fund Pilots	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%	
17 Conservation Fund Pilot - EnerNOC Adjustment to 2015 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2015 savings	Verified True-up	770,101	770,101 770,1	01 770,101	770,101 77	70,101 770,10	770,101	770,101 770,	101 12 12		50	50	50 5	0 50	50	50 50	50	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%
19 Conservation Fund Pilot - SEG Adjustment to 2015 savings	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliot	Verified								0																							0%

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Adjunct in 2015 sample Two into into into into into into into int	Adjustment to 2015 savings	True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
a b	Conservation First Framework Residential Province-Wide Programs																					
Matrix Matrix <t< th=""><th>21 Save on Energy Coupon Program</th><th></th><th></th><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th><th></th><th></th><th></th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th></th></t<>	21 Save on Energy Coupon Program							-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Matrix	22 Save on Energy Heating and Cooling	Verified						1														
a b	Adjustment to 2015 savings							-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
a a																						
Note: No		True-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
								-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
a b		nuo up						_		11	-11			0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
	25 Save on Energy Audit Funding Program													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
a a a b <td< th=""><th>26 Save on Energy Retrofit Program</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th></th></td<>	26 Save on Energy Retrofit Program													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
No. N								1						0.0078	0.0078	0.0076	0.0076	0.00%	0.0076	0.0076	0.0076	
a a	Adjustment to 2015 savings													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
a a	28 Save on Energy High Performance New	Verified						12														
Matrix Mat	Adjustment to 2015 savings	True-up						12						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
a b <th< th=""><th>29 Save on Energy Existing Building Commissioning Program</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>	29 Save on Energy Existing Building Commissioning Program																					
Note:														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
a b <th< th=""><th>30 Upgrades Program Adjustment to 2015 savings</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>_</th><th></th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>(</th></th<>	30 Upgrades Program Adjustment to 2015 savings											_		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
A A <th< th=""><th></th><th>Verified</th><th></th><th></th><th></th><th></th><th></th><th>12</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		Verified						12														
Note:	Program Adjustment to 2015 savings													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
a b	32 Save on Energy Energy Manager Program Adjustment to 2015 savings													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
Normation of the second of the s					_																	
Ale and ale	33 Business Refrigeration Local Program Adjustment to 2015 savings							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
21 31 <th< th=""><th>34 First Nation Conservation Local Program Adjustment to 2015 savings</th><th></th><th></th><th></th><th></th><th></th><th></th><th>0</th><th></th><th></th><th></th><th></th><th></th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>0.00%</th><th>(</th></th<>	34 First Nation Conservation Local Program Adjustment to 2015 savings							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
	35 Social Benchmarking Local Program	Verified																				
		True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
Importantication Import	Enersource Hydro Mississauga Inc	Verified						0														
Norm	Program - Conservation Fund							0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
Norm	37 EnWin Utilities Ltd Building Optimization	Verified						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
Normal problem Norma	38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2015 savings													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
Norma Norma <th< th=""><th>39 Horizon Utilities Corporation - ECM Furnace</th><th>Verified</th><th></th><th></th><th></th><th></th><th></th><th>0</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>	39 Horizon Utilities Corporation - ECM Furnace	Verified						0														
Image: market find find find find find find find find	Adjustment to 2015 savings	True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
A A	Benchmarking Pilot													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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2 Normal Principality Pr														0.000	0.000	0.00%	0.00%	0.000/	0.00%	0.00%	0.000	
2 Normal Pier		i rue-up												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 March Marke Nath No. P. Mark Mark Mark Mark Mark Mark Mark Nath No. P. Mark Mark Mark Mark Mark Mark Mark Mark Mark Mark Mark	42 Response Wi-Fi Thermostat Pilot																					
Application	Kitabapar Wilmot Hudro Inc. Bilat DCKV													u.00%	U.00%	U.00%	0.00%	U.00%	0.00%	U.00%	0.00%	(
Image: Second	10													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
Adjusting Store Tarrey Image Image <th>Niagara-on-the-Lake Hydro Inc Direct Install</th> <th>Varified</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0</th> <th></th>	Niagara-on-the-Lake Hydro Inc Direct Install	Varified						0														
42 Adve/bd/e/Beschiv/Distribution c - friends - Marcine Adverse - Marcine	Agricultural Sector													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
normation	Ookvillo Hudro Electricity Distribution Inc.							0														
Adjustment booth savings True-up Control Hydroc Co	Direct Install - Hydronic Adjustment to 2015 savings													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
Adjustment booth savings True-up Control Hydroc Co	46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified						0														
Adjustment to 2015 savings Tue-up United - I 0 0 0 0.00%	Adjustment to 2015 savings	True-up						0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
Incrue Incrue<	4Z Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) Adjustment to 2015 savings													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48 Direct Instal - RTU Controls (Pilot Savings) Verified Image: Control Pilot Savings) Verified Image: Control Pilot Savings) Verified Image: Control Pilot Savings) Control Pilot Savings Contro	Toronto Hydro-Electric System Limited -														2.00 M				3.00 M			
1 0 0 0 0 0	48 Direct Install - RTU Controls (Pilot Savings)													0.000		0.000		0.000		0.000	0.0001	
Adjustment 2015 Status 2015	Taranta Hudra Electric Sustan Limited REP							-						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(
Actual CDM Savings in 2015 8,197,664 0 0	Large (Pilot Savings)													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
S0.00000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.0000000 \$0.00000000 \$0.0000000000000 \$0.00000000000000000000000000000000000	Actual CDM Savings in 2015		8,197,664						747													_
Lost Revenue in 2015 from 2011 programs \$0.00			1	1		<u> </u>	1	1	1	I		1									•	Sſ
Lost Revenue in 2015 from 2014 programs \$0.00 \$0	Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs													\$0.00 \$0.00								
	Lost Revenue in 2015 from 2014 programs													\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-

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| 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | |

Total Lost Revenues in 2015 Forecast Lost Revenues in 2015 LRAMVA in 2015	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00													
2015 Savings Persisting in 2016	1.458,640	877,342	3,955	483	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2017	1,457,951	877,342	3,955	483	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2018	1,456,426	889,021	3,955	483	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2019	1,425,687	889,021	3,955	483	0	0	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2020	1,395,164	889,021	3,955	483	0	0	0	0	0	0	0	0	0	0	

le 5-b. 2016 Lost Revenues Work Form		Net Energy Savings (kWh)		Net Energy Savings P	Persistence (kWh)			Net Demand Savings (kW)		Net Peak D	emand Savings Persis	tence (kW)								Rate Allocat	ions for LRAM	/A					
Program	Results Status	2016 2017	2018 201	9 2020 202	21 2022 20	23 2024 20	Monthly Multiplier	2016	2017 2018	2019 2	020 2021 202	2 2023	2024 2025	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting Stree	t Lighting S	Unmetered Scattered Load	Large Use						
acy Framework dential Program														kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0
on Initiative tment 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%
nual Retailer Event Initiative stment 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%
ince Retirement Initiative tment 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%
C Incentives Initiative tment 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%
ential New Construction and Major	Verified																										
nation Initiative ment 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%
nercial & Institutional Program y Audit Initiative ment 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%
ncy: Equipment Replacement Incentive	Verified						12																				
ment 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%
Install Lighting and Water Heating /e ment 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%
Construction and Major Renovation	Verified						12																				
ment 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%
ng Building Commissioning Incentive /e iment to 2016 savings	Verified True-up						3							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
trial Program ss and Systems Upgrades Initiatives -																											
t Incentive Initiative ment 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%
ss and Systems Upgrades Initiatives - oring and Targeting Initiative	Verified						12																				
ment 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%
ss and Systems Upgrades Initiatives - v Manager Initiative ment 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%
ncome 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%	0.00%
ncome Initiative tment 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%
inal Conservation Program ment to 2016 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%
am Enabled Savings	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%
tment to 2016 savings ervation Fund Pilots	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%
ervation Fund Pilot - EnerNOC ment 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%
vs Pilot ment 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%
rvation Fund Pilot - SEG ment 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%
Benchmarking Pliot tment 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%
ervation First Framework dential Province-Wide Programs																											
on Energy Coupon Programs stment to 2016 savings	Verified True-up	2,743,154 2,743,154 296,781 296,781	2,743,154 2,743, 296,781 296,7	154 2,743,154 2,743 '81 296,781 296,7	3,154 2,743,154 2,742 ,781 296,781 296	762 2,742,762 2,73 756 296,756 29	31,209 7,186				78 178 17 19 19 19			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%
on Energy Heating and Cooling am	Verified			1 1	,981 595,981 595,			176	176 176	176 1			176 176	100.00%													
on Energy New Construction Program	True-up	6,793 6,793	6,793 6,79	6,793 6,79	793 6,793 6,7	93 6,793 6,	793	2	2 2	2	2 2 2	2	2 2	100.00%	0.00%	0.00%	0.00%	0.00% (0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
tment 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%
on Energy Home Assistance Program	Verified	13,474 13,474	13,474 13,47	74 13,474 13,3	359 13,359 13,3	13,359 12	,030	1	1 1	1	1 1 1	1	1 1	100.00%													
ment to 2016 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%
on Energy Audit Funding Program ment to 2016 savings	Verified True-up	13,143 13,143	13,143 13,14	43 13,143 13,1	143 13,143 13,	43 13,143 13	,143 12 12	2	2 2	2	2 2 2	2	2 2	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%	0.00%
on Energy Retrofit Program tment to 2016 savings	Verified True-up	2,169,223 2,146,732 2,603,625 2,626,212	2,146,732 2,146, 2,857,900 2,857,	732 2,146,732 2,146 900 2,857,900 2,799	6,732 2,146,732 2,146 9,381 2,799,381 2,799	,732 2,136,611 2,13 ,381 2,795,897 2,79	86,611 12 95,897 12	152 660	148 148 664 759	148 1 759 7	48 148 144 59 750 750	148 750	148 148 749 749	0.00%	10.00%	86.00%	4.00% 4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
on Energy Small Business Lighting am	Verified	57,856 57,856	57,856 57,8				0 12	4	4 4		4 3 0		0 0		42.00%	58.00%											
am	T	9,636 9,636	9,636 9,63	6 9,636 9,63	322 9,579 9,5	79 9,579 8,	397 12	1	1 1	1	1 1 1	1	1 1	0.00%	42.00%	58.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
am tment to 2016 savings on Energy High Performance New ruction Program treat to 2016 sevings	True-up						12																				

20 Save on Energy Existing Building	Vorter											3																
29 Save on Energy Existing Building Commissioning Program Adjustment to 2016 savings	Verified True-up											3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2016 savings	Verified True-up											12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31 Save on Energy Monitoring & Targeting Program 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%
32 Save on Energy Energy Manager Program Adjustment to 2016 savings	Verified True-up	835	835	835	835	835	835	835	835	835	835	12 12	0	0	0 0	0	0	0	0	0 0	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%
Local & Regional Programs																												
33 Business Refrigeration Local Program Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 First Nation Conservation Local Program Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
35 Social Benchmarking Local Program Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Pilot Programs Enersource Hydro Mississauga Inc <u>36</u> Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2016 savings	Verified True-up	258	258	258	258	258	258	258	258	258	258	12 12	0	0	0 0	0	0	0	0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
37 EnWin Utilities Ltd Building Optimization Pilot Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											0																
Adjustment to 2016 savings	True-up											0									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 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	Verified											0																
Adjustment to 2016 savings	True-up											0									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																											
Adjustment to 2016 savings	True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the	Verified											0																
Agricultural Sector Adjustment to 2016 savings	True-up											0									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 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified											0																
Adjustment to 2016 savings	True-up											0									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) Adjustment to 2016 savings	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											0																
Adjustment to 2016 savings	True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified True-up											0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
												0	1,195			-	-									0.00%		
Adjustment to 2016 savings		8 510 750												1			1				3,656,441 4,162,607	505,631 1,601,705	8,439	390 607	0	44	0 35,877	0 722
Adjustment to 2016 savings Actual CDM Savings in 2016 Forecast CDM Savings in 2016		8,510,759																			.,,	1,001,705	1,126	007				
Actual CDM Savings in 2016		8,510,759															1				\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Actual CDM Savings in 2016 Forecast CDM Savings in 2016 Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2016 programs		8,510,759																			\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Table 5-c. 2017 Lost Revenues Work Fo	m	Return to top Net Energy Savings (kWh)			Net E	nergy Savir	ngs Persiste	ence (kWh)				Net Demand Savings (kW)			Net Peak Dema	nd Savings I	Persistence	(kW)								Rate Allo	ocations for LRAM	IVA						
Program	Results Status	2017	2018	2019	2020	2021	2022	2023	2024	2025 2026	Monthly Multiplier	2017	2018	2019	2020 2021	2022	2023	2024 20	25 2026	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW		Street Lighting	Unmetered Scattered Load	d Large Use							Total
Legacy Framework																				kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	
Residential Program Coupon Initiative	Verified										1																							0%
Adjustment to 2017 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%	070
2 Bi-Annual Retailer Event Initiative	Verified																																	0%
Adjustment to 2017 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%	
3 Appliance Retirement Initiative	Verified										1																							0%
Adjustment to 2017 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%	
4 HVAC Incentives Initiative	Verified										1																							0%
Adjustment to 2017 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%	

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						100%
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						100%
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						0%
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0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0%
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\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00
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\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
						\$0.00
0	0	0	0	0	0	
0	0	0	0	0	0	
0	0	0	0	0	0	

Residential New Construction and Major Renovation Initiative Adjustment to 2017 savings	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
commercial & Institutional Program Energy Audit Initiative Idjustment to 2017 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Efficiency: Equipment Replacement Incentive nitiative Adjustment to 2017 savings	Verified True-up											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
Direct Install Lighting and Water Heating nitiative djustment to 2017 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
lew Construction and Major Renovation nitiative	Verified True-up											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
djustment to 2017 savings ixisting Building Commissioning Incentive nitiative	Verified											3															
kdjustment to 2017 savings ndustrial Program Process and Systems Upgrades Initiatives -	True-up											3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Project Incentive Initiative adjustment to 2017 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Adjustment to 2017 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
rocess and Systems Upgrades Initiatives - nergy Manager Initiative	Verified											12															
djustment to 2017 savings ow Income Program ow Income Initiative	True-up Verified											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
djustment to 2017 savings t ther	True-up											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
boriginal Conservation Program djustment to 2017 savings Program Enabled Savings	Verified True-up Verified											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
djustment to 2017 savings	True-up											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
Conservation Fund Pilot - EnerNOC Idjustment to 2017 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.005
oblaws Pilot djustment to 2017 savings onservation Fund Pilot - SEG	Verified True-up Verified											12 12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
djustment to 2017 savings ocial Benchmarking Pliot	True-up Verified											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
udjustment to 2017 savings conservation First Framework tesidential Province-Wide Programs save on Energy Coupon Program	True-up Verified	3.302.399	2 649 493	2 649 493	2 649 49	93 2 649 493	2,649,493 2,6	349 493 2	649 468	2 649 468	2 643 701	12	228	184	184 184	184	184	184 1	184 184 184	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
Adjustment to 2017 savings Save on Energy Heating and Cooling	True-up Verified	4,057		3,255	3,255	6 0	0		0	0	0		0	0	0 0 149 149	0	0	0	0 0 0 149 149 149	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
rogram djustment to 2017 savings ave on Energy Instant Discount Program	True-up Verified	36,976	36,976	36,976	36,976	6 0		0	0	0	0		10		10 10	0		0	0 0 0 0 136 136 136	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
djustment to 2017 savings	True-up																			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
djustment to 2017 savings	Verified True-up	65,722	65,722	65,722	65,722	2 65,722	65,722 6	5,722	65,722	65,722	65,608		29	29	29 29	29	29	29 :	29 29 28	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ion-Residential Province-Wide Programs save on Energy Audit Funding Program Indjustment to 2017 savings	Verified True-up	130,667	130,667	130,667	130,667	130,667	130,667 13	30,667 1	130,667	130,667	112,855	12 12	6	6	6 6	6	6	6	6 6 5	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Retrofit Program Adjustment to 2017 savings	Verified True-up	3,248,461 1,389,819					3,349,094 3,3 0		,349,094	3,299,116 0		12 12	681 259	754 280			741 0		741 737 737 0 0 0 0		20.20% 20.20%	71.20% 71.20%	0.40% 0.40%	0.00%	0.00%	0.00%	0.00%
Save on Energy Small Business Lighting Program Vdjustment to 2017 savings	Verified True-up	63,401	63,401	63,401	62,253	3 41,542	29,406 1	4,773	14,773	14,773	14,773	12 12	13	13	13 13	10	8	6	6 6 6	0.00%	22.00% 22.00%	79.00% 79.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified True-up											12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
Save on Energy Existing Building Commissioning Program Adjustment to 2017 savings	Verified True-up											3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Process & Systems Jogrades Program Adjustment to 2017 savings	Verified True-up											12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Monitoring & Targeting Program	Verified											12															
Adjustment to 2017 savings Save on Energy Energy Manager Program	True-up Verified	65,440	65,440	65,440	0	0	0	0	0	0	0	12 12	0	0	0 0	0	0	0	0 0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2017 savings	True-up Verified	519,685	519,685	519,685	519,685	5 519,685	519,685 5	19,685 5	519,685	519,685	519,685	12	81	81	81 81	81	81	81	81 81 81	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.009
Adjustment to 2017 savings	True-up Verified											0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.009
Adjustment to 2017 savings Social Benchmarking Local Program Adjustment to 2017 savings	True-up Verified True-up											0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Pilot Programs Whole Home Pilot Program Adjustment to 2017 savings	Verified	63,082	63,082	63,082	63,082	2 62,522	60,848 6	0,848	60,848	60,848	60,848	0	12	12	12 12	12	12	12	12 12 12	100.00%		0.00%	0.00%	0.00%	0.00%	0.00%	
Ontario Clean Water Agency P4P Conservation Fund Pilot Program	True-up Verified	64,997	64,997	64,997	64,997	7 64,997	64,997 6	4,997 (64,997	64,997	64,997	0	4	4	4 4	4	4	4	4 4 4	100.00%	0.00%						0.00%
Adjustment to 2017 savings	True-up											0								0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

						0%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
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	0.00%					
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
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						100% 100% 100% 100% 92% 101% 0% 0% 0% 0% 100% 100% 100%

20 20	17 Savings Persisting in 2019 D17 Savings Persisting in 2019 D17 Savings Persisting in 2020 D16 LDC to make note of key assumptions include	ed above																	5,832,108 5,832,108 5,832,108	1,199,357 1,199,105	9,036 9,036	50 50	0	0	0	0
Lo Lo Lo Lo To Fo Lf	istribution Rate in 2017 sst Revenue in 2017 from 2011 programs sst Revenue in 2017 from 2012 programs sst Revenue in 2017 from 2013 programs sst Revenue in 2017 from 2014 programs sst Revenue in 2017 from 2015 programs sst Revenue in 2017 from 2015 programs otal Lost Revenues in 2017 procast Lost Revenues in 2017 RAMVA in 2017 107 Savings Persisting in 2018																		\$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 \$0.00	\$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 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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
A	ctual CDM Savings in 2017 precast CDM Savings in 2017		12,199,921											1,659					7,237,137 4,162,607	1,146,545 1,601,705	8,152 1,126	45 607	0 3	0 44	0 35,877	0 722
74	ujustiment to 2017 savings	riue-up											0						-							
49 La	pronto Hydro-Electric System Limited - PFP - arge (Pilot Savings) djustment to 2017 savings	Verified True-up											0		-				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
]							
<u>48</u> Di	irect Install - RTU Controls (Pilot Savings) djustment to 2017 savings	Verified True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Тс	djustment to 2017 savings pronto Hydro-Electric System Limited -	True-up											U						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
47 To Di	pronto Hydro-Electric System Limited - irect Install - Hydronic (Pilot Savings)	Verified											0						0.00%	0.00%	0.00%	0.000	0.000/	0.00%	0.00%	0.000/
+0 Di	akville Hydro Electricity Distribution Inc irect Install - RTU Controls djustment to 2017 savings	Verified True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TO Di Ac	akville Hydro Electricity Distribution Inc irect Install - Hydronic djustment to 2017 savings	Verified True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ac	gricultural Sector djustment to 2017 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>44</u> Er	iagara-on-the-Lake Hydro Inc Direct Install nergy Efficiency Measures for the	Verified											0													
	djustment to 2017 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	itchener-Wilmot Hydro Inc Pilot - DCKV	Verified											0						-							
	esponse Wi-Fi Thermostat Pilot djustment to 2017 savings	Verified True-up											-		_				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
н	ydro Ottawa Limited - Residential Demand												, <u> </u>							0.0070	0.0070	0.0010	0.0070	0.0070	0.0010	0.0070
	egulation (CVR) Leveraging AMI Data Pilot djustment to 2017 savings	Verified True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
н	ydro Ottawa Limited - Conservation Voltage																			0.0070	0.0070	0.0010	0.0070	0.0070	0.0010	0.0070
Dt	orizon Utilities Corporation - Social enchmarking Pilot djustment to 2017 savings	Verified True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ac	djustment to 2017 savings	True-up											0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39 H	orizon Utilities Corporation - ECM Furnace lotor Pilot	Verified											0						-							
	djustment to 2017 savings	Verified True-up	7,411	7,411	7,411	7,411	0	0	0	0	0	0	0					 	 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Sa	ave on Energy Smart Thermostat Program	Marifiad																	100.00%							

Note: LDC to make note of key assumptions included above

		Net Energy Savings (kWh)			Net Energ	y Saving	s Persistence	(kWh)				Net Deman Savings (k)	d N)		Net Peak De	emand Saving	s Persisten	ce (kW)								Rate Allo	cations for LRAM	IVA						
Program	Results Status	2018	2019	2020	2021 20	22 2	2023 20	24 202	5 202	6 2027	Monthly Multiplier	2018	2019	2020	2021 2	022 2023	2024	2025 2	2026 2027	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							
Framework tial Program																				kWh	kWh	kW	kW	kW	kW	kWh	kW	0	0	0	0	0	0	_
itiative ht 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%	
etailer Event Initiative 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%	
Retirement Initiative 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%	
tives Initiative	Verified]																							
to 2018 savings New Construction and Major	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%	
o 2018 savings I & Institutional 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%	
Initiative o 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%	
quipment Replacement Incentive	Verified										12																							
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%	
I Lighting and Water Heating to 2018 savings	Verified True-up									_	12							\square		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
uction and Major Renovation	Verified										12									0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.00%	
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%	
ting Commissioning Incentive o 2018 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%	
Program	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%	
d Systems Upgrades Initiatives - ntive Initiative	Verified										12																							
to 2018 savings d Systems Upgrades Initiatives -	True-up										12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
and Targeting Initiative	Verified										12																							
nt 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%	

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						100%
						1

			_					_					 	 	 								
13 Process and Systems Upgrades Initiatives - Energy Manager 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%
Low Income Program 14 Low Income 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%
Other <u>15</u> Aboriginal Conservation 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%
16 Program Enabled Savings Adjustment to 2018 savings	Verified True-up								0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation Fund Pilots 12 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%
18 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%
19 Conservation Fund Pilot - SEG 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%
20 Social Benchmarking Pliot Adjustment to 2018 savings	Verified True-up								12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2018 savings	Verified True-up															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22 Save on Energy Heating and Cooling Program	Verified	248,836	248,836	248,836						66	66	68				100.00%							
Adjustment to 2018 savings	True-up															100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
23 Save on Energy Instant Discount Program Adjustment to 2018 savings	Verified True-up	1,167,569								80	80	80				100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24 Save on Energy Smart Thermostat Adjustment to 2018 savings	Verified True-up	44,471	44,471	44,471												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Save on Energy Audit Funding Program Adjustment to 2018 savings	Verified True-up								12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26 Save on Energy Retrofit Program Adjustment to 2018 savings	Verified True-up	4,611,251	4,599,849	4,588,448					12 12	858	878	904				0.00%	6.32% 6.32%	90.19% 90.19%	2.07% 2.07%	0.00%	0.00%	0.00%	0.00%
27 Save on Energy Small Business Lighting Program Adjustment to 2018 savings	Verified True-up	15,117	12,418	9,720					12 12	2	2	1				0.00%	41.00%	56.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28 Save on Energy High Performance New Construction Program	Verified								12														
Adjustment to 2018 savings	True-up Verified	C1 000	C1 000	C1 000					12	46	16	10	_			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29 Save on Energy Existing Building Commissioning Program Adjustment to 2018 savings	True-up	61,809	61,809	61,809					3	16	10	16				0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2018 savings	Verified True-up								12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31 Save on Energy Monitoring & Targeting Program Adjustment to 2018 savings	Verified True-up								12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32 Save on Energy Energy Manager Program Adjustment to 2018 savings	Verified True-up								12 12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Local & Regional Programs 33 Instant Savings	Verified	354,596	354,596	354,596					0	55	55	55				100.00%							
Adjustment to 2018 savings <u>34</u> First Nation Conservation Local Program	True-up Verified								0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2018 savings <u>35</u> Social Benchmarking Local Program	True-up Verified								0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2018 savings Pilot Programs	True-up								0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Enersource Hydro Mississauga Inc <u>36</u> Performance-Based Conservation Pilot Program - Conservation Fund 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%
37 EnWin Utilities Ltd Building Optimization 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%
38 EnWin Utilities Ltd Re-Invest Pilot	Verified True-up								12				_			0.00%	0.00%	0.00%	0.00%		0.00%		0.00%
Adjustment to 2018 savings Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2018 savings	True-up					-			12							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%
Hydro Ottawa Limited - Conservation Voltage 41 Regulation (CVR) Leveraging AMI Data Pilot	Verified								12														
Adjustment to 2018 savings	True-up								12							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 Adjustment to 2018 savings	Verified															0.00%	0.009/	0.00%	0.00%	0.00%	0.009/	0.009/	0.009/
Adjustment to 2018 savings <u>43</u> Kitchener-Wilmot Hydro Inc Pilot - DCKV	True-up Verified								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2018 savings	True-up								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Niagara-on-the-Lake Hydro Inc Direct Install 44 Energy Efficiency Measures for the Agricultural Sector 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%
Adjustment to 210 savings Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 218 savings	Verified								12														
Direct Install - Hydronic Adjustment to 2018 savings	True-up								12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2018 savings	Verified True-up							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2016 savings	inde-dp							12							0.0076	0.0076	0.0076	0.0076	0.00%	0.00 /6	0.0076	0.0076
4Z Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified							12														
Adjustment to 2018 savings	True-up							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified							12														
Adjustment to 2018 savings	True-up							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		II		 1							 -											
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified							12														
Adjustment to 2018 savings	True-up							12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
			 								 	 					,					
Actual CDM Savings in 2018		6,503,649							1,078						1,815,472	297,629	9,353	213	0	0	0	0
Forecast CDM Savings in 2018															4,162,607	1,601,705	1,126	607	3	44	35,877	722
												-							3			
Distribution Rate in 2018															\$0.00000	\$0.00000	\$0.00000	\$0.00000	3 \$0.00000 \$0.00	\$0.00000	\$0.00000	\$0.00000
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs										_					\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00	\$0.00000 \$0.00
Distribution Rate in 2018 Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs									<u> </u>						\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00
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	Table F. a. 2010 Least Devenues West Form																													
	Table 5-e. 2019 Lost Revenues Work Form		Net Energy Savings (kWh)			Net	Energy Savi	ngs Persist	tence (kWh)					Net Demand Savings (kW)			Net Peak (Demand Savir	ngs Persiste	ence (kW)									Rate Alloca	tions for LRAM
	Program	Results Status	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Monthly Multiplier	2019	2020	2021	2022	2023 202	4 2025	2026	2027	2028	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use
	Legacy Framework Residential Program																						kWh	kWh	kW	kW	kW	kW	kWh	kW
	Coupon Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2	Bi-Annual Retailer Event Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>3</u>	Appliance Retirement Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	HVAC Incentives Initiative Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5	Residential New Construction and Major Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6	Commercial & Institutional Program Energy Audit Initiative Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7	Efficiency: Equipment Replacement Incentive Initiative	Verified				<u> </u>							12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Adjustment to 2019 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ž	Direct Install Lighting and Water Heating Initiative Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	New Construction and Major Renovation Initiative Adjustment to 2019 savings	Verified True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Existing Building Commissioning Incentive	Verified											3										0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.00%	0.0076
	Adjustment to 2019 savings	True-up											3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>11</u>	Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																	
	Adjustment to 2019 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>13</u>	Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Low Income Program Low Income Initiative	Verified											12																	
	Adjustment to 2019 savings	True-up											12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Aboriginal Conservation Program Adjustment to 2019 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>16</u>	Program Enabled Savings Adjustment to 2019 savings	Verified True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Conservation Fund Pilots Conservation Fund Pilot - EnerNOC Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Loblaws Pilot Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	Conservation Fund Pilot - SEG Adjustment to 2019 savings	Verified True-up											12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Social Benchmarking Pliot Adjustment to 2019 savings	Verified True-up				+							12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Conservation First Framework Residential Province-Wide Programs																													
<u>21</u>	Save on Energy Coupon Program Adjustment to 2019 savings	Verified True-up																					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>22</u>	Save on Energy Heating and Cooling Program	Verified	6,300	6,300																			100.00%							

0%						
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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Adjustment to 2010 sources	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%	1
Adjustment to 2019 savings 23 Save on Energy New Construction Program	Verified				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%	0%
Adjustment to 2019 savings	True-up								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
24 Save on Energy Home Assistance Program	Verified																						0%
Adjustment to 2019 savings Non-Residential Province-Wide Programs	True-up								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Save on Energy Audit Funding Program Adjustment to 2019 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%
26 Save on Energy Retrofit Program Adjustment to 2019 savings	Verified True-up	3,346,857	3,346,857 3,330,123		12	608 608	605		0.00%	14.96% 14.96%	67.19%	18.66% 18.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	101%
	Verified	27,439	24,160		12	5 4				41.00%	56.00%	10.0070	0.0070	0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	97%
27 Save on Energy Small Business Lighting Program Adjustment to 2019 savings	True-up				12				0.00%	41.00%	56.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program	Verified				12																		0%
Adjustment to 2019 savings 29 Save on Energy Existing Building	True-up Verified				3				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Commissioning Program Adjustment to 2019 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%	0%
30 Save on Energy Process & Systems Upgrades Program	Verified	3,592,070	3,592,070 3,592,070		12	858 858	858				53.12%	24.79%				22.09%							100%
Adjustment to 2019 savings	True-up				12				0.00%	0.00%	53.12%	24.79%	0.00%	0.00%	0.00%	22.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Program Adjustment to 2019 savings	Verified True-up				12 12				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program	Verified				12																		0%
Adjustment to 2019 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%	
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2019 savings	Verified True-up				0				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2019 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	Verified				0																		0%
Adjustment to 2019 savings Pilot Programs	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%	
Enersource Hydro Mississauga Inc <u>36</u> Performance-Based Conservation Pilot	Verified				12																		0%
Program - Conservation Fund Adjustment to 2019 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%	
3Z EnWin Utilities Ltd Building Optimization Pilot	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 2019 savings 38 EnWin Utilities Ltd Re-Invest Pilot	True-up Verified				12				0.00%	0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 savings Horizon Utilities Corporation - ECM Furnace	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%	
39 Motor Pilot Adjustment to 2019 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%
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified				12																		0%
Adjustment to 2019 savings Hydro Ottawa Limited - Conservation Voltage	True-up				12				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41 Regulation (CVR) Leveraging AMI Data Pilot	Verified				12																		0%
Adjustment to 2019 savings Hydro Ottawa Limited - Residential Demand	True-up				12				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42 Response Wi-Fi Thermostat Pilot Adjustment to 2019 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%
Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified				12					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 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%	078
A Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the	Verified				12																		0%
Agricultural Sector Adjustment to 2019 savings	True-up				12				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2019 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%
Adjustiment to 2019 savings	Verified				12				0.00%	0.00%	3.00%	0.00%	5.00%	0.00%	3.00%	3.00%	3.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Direct Install - RTU Controls Adjustment to 2019 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%	2.0
47 Direct Install - Hydronic (Pilot Savings)	Verified				12				0.00%	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.000	0.000	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited -	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%	
48 Direct Install - RTU Controls (Pilot Savings) Adjustment to 2019 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 - PFP -	Verified				12				0.0078	5.5570	5.0078	-100 /0		3.00 %	3.00 /0	3.00 /0	3.00 /0	3.0070	2.0070			5.0078	0%
Large (Pilot Savings) Adjustment to 2019 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 2019 Forecast CDM Savings in 2019		6,972,666				1,471			6,300 4,162,607	511,940 1,601,705	10,405 1,126	3,913 607	0 3	0 44	0 35,877	2,273 722	0	0	0	0	0	0 0	
Distribution Rate in 2019 Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2015 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2019 programs Total Lost Revenues in 2019 Forecast Lost Revenues in 2019 LRAMVA in 2019									\$0.00190 \$1,748.47 \$902.16 \$1,250.78 \$2,363.50 \$2,708.81 \$6,947.24 \$11,081.00 \$3,440.28 \$11.97 \$30,454.21 \$7,908.95	\$0.02000 \$1,139.63 \$6,306.46 \$4,492.13 \$11,506.48 \$17,780.43 \$10,576.20 \$23,987.15 \$5,916.04 \$10,238.80 \$91,943.31 \$32,034.10	\$4.45930 \$25,868.37 \$23,589.81 \$10,790.35 \$10,461.08 \$17,635.28 \$42,019.50 \$40,293.09 \$42,646.54 \$46,401.13 \$259,705.16 \$5,021.17	\$1.81920 \$0.00 \$214.65 \$319.96 \$1,473.13 \$792.33 \$712.33 \$91.09 \$396.78 \$7,119.33 \$11,286.60 \$11,104.25	\$27,42890 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$20.06110 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.03510 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,259.28	\$1.98220 \$0.00 \$0.00 \$401.86 \$0.00 \$0.00 \$0.00 \$0.00 \$4.506.14 \$4.908.00 \$1,431.15	\$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	\$0.00000 \$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	\$0.00000 \$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	\$0.00000 \$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	\$0.00000 \$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	\$28,756.48 \$31,013.08 \$16,853.23 \$26,206.05 \$39,003.84 \$60,335.27 \$75,452.33 \$52,399.64 \$68,277.37 \$398,297.28 \$49,723.89 \$348,573.40

2019 Savings Persisting in 2020

0

0

0

0

0

0

19 Savings Persisting in 2020 ate: LDC to make note of key assumptions include	ad about													6,300	510,595	10,402	3,913	0	0	0	2,273	0	0	0	0	0	0
te: LDC to make note of key assumptions include	ed above																										
ble 5-f. 2020 Lost Revenues Work Form		Return to top Net Energy						Net Demand																			
	Results	Savings (kWh)	Net	Energy Savings Persis	stence (kWh)		Month	Savings (kW		Net Pe	ak Demand Saving	s Persistence (kW)								Rate Alloca	tions for LRAM	VA					
Program	Status	2020 2021	2022 2023	2024 2025	2026 2023	27 2028	Multipli 2029		2021	2022 2023	2024 2025	2026 2027	2028 2029	Residential	GS<50 kW		General Service	entinel Lighting	Street Lighting	Unmetered Scattered Load	Large Use						
goov Framowork														kWh	kWh	999 kW	1,000 4,000 km	kW	kW	kWh	kW	0	0	0	0	0	0
egacy Framework esidential Program oupon Initiative	Verified								_						KWII	NY	ĸW	NV	NI	KWII	KVV	0	0	0	0	0	0
justment to 2020 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%
Annual Retailer Event Initiative justment to 2020 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%
pliance Retirement Initiative	Verified]													
ljustment to 2020 savings /AC Incentives Initiative	True-up Verified													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ljustment to 2020 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%
esidential New Construction and Major ljustment to 2020 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%
ommercial & Institutional Program	-													_													
nergy Audit Initiative Ijustment to 2020 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%
ficiency: Equipment Replacement Incentive	Verified						12							-													
ljustment to 2020 savings rect Install Lighting and Water Heating	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%
ljustment to 2020 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%
ew Construction and Major Renovation justment to 2020 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%
isting Building Commissioning Incentive	Verified						3							_													
ljustment to 2020 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%
dustrial Program ocess and Systems Upgrades Initiatives - ljustment to 2020 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%
	r						12] 0.00%	0.0076	0.0076	0.0076	0.0076	0.0076	0.0078	0.0076	0.0078	0.0078	0.0076	0.0078	0.0076	0.0078
ocess and Systems Upgrades Initiatives - onitoring and Targeting Initiative ljustment to 2020 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%
ocess and Systems Upgrades Initiatives -	Verified						12]													
ljustment to 2020 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%
w Income Program w Income Initiative ljustment to 2020 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%
her	inde op				-II		12					I I I		0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
justment to 2019 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%
ogram Enabled Savings	Verified						0							_													
ljustment to 2019 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%
onservation Fund Pilots onservation Fund Pilot - EnerNOC ljustment to 2019 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%
blaws Pilot	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%
ljustment to 2019 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%
onservation Fund Pilot - SEG ljustment to 2019 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%
cial Benchmarking Pliot	Verified						12]													
ljustment to 2019 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%
onservation First Framework esidential Province-Wide Programs ave on Energy Coupon Program	Verified					_								1													
ljustment to 2020 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%
ave on Energy Heating and Cooling ljustment to 2020 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%
ave on Energy New Construction Program	Verified													_													
ljustment to 2020 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%
ave on Energy Home Assistance Program ljustment to 2020 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%
on-Residential Province-Wide Programs ave on Energy Audit Funding Program	Verified					_	12		1 1					1													
ljustment to 2020 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%
ave on Energy Retrofit Program ljustment to 2020 savings	Verified True-up	0 0					12	0	0					0.00%	18.82% 18.82%	74.18% 74.18%	7.00% 7.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ave on Energy Small Business Lighting	Verified						12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.000/	0.00%	0.000/
ljustment to 2020 savings ive on Energy High Performance New	True-up Verified						12							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
justment to 2020 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%
ve on Energy Existing Building ustment to 2020 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%
e on Energy Process & Systems	Verified	0 0					12		0]	6.67%	44.02%	49.31%										
ustment to 2020 savings	True-up						12							0.00%	6.67%	44.02%	49.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ve on Energy Monitoring & Targeting ustment to 2020 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%
	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%
							12							0.00%	0.0070	0.00 /8	0.0070	0.0076	0.0070	0.0076	0.00%	0.0076	0.0078	0.00%	0.00 /0	0.0070	0.00%
ustment to 2020 savings							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%
justment to 2020 savings cal & Regional Programs siness Refrigeration Local Program	Verified True-up						0								0.0070	0.0070								0.0070		0.0076	
we on Energy Energy Manager Program ljustment to 2020 savings scal & Regional Programs usiness Refrigeration Local Program ljustment to 2020 savings st Nation Conservation Local Program	Verified True-up Verified						0							7													
justment to 2020 savings cal & Regional Programs siness Refrigeration Local Program justment to 2020 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%

Pilot Programs									_														1
36 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot	Verified				12				_														0%
Adjustment to 2020 savings	True-up				12				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37 EnWin Utilities Ltd Building Optimization Adjustment to 2020 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%
38 EnWin Utilities Ltd Re-Invest Pilot Adjustment to 2020 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%
39 Horizon Utilities Corporation - ECM Furnace Adjustment to 2020 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%
40 Horizon Utilities Corporation - Social Adjustment to 2020 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%
									0.00 %	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2020 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%
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																						0%
Adjustment to 2020 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 Adjustment to 2020 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%
Aiagara-on-the-Lake Hydro Inc Direct Install Enerov Efficiency Measures for the	Verified				12																		0%
Adjustment to 2020 savings	True-up				12				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Verified				12																		0%
Adjustment to 2020 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%	
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Verified				12																		0%
Adjustment to 2020 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%	
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified				12																		0%
Adjustment to 2020 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%	
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified				12																		0%
Adjustment to 2020 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%	
49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified				12																		0%
Adjustment to 2020 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 2020 Forecast CDM Savings in 2020		0				0			0 4,162,607	0 1,601,705	0 1,126	0 607	0 3	0 44	0 35,877	0 722	0	0	0	0	0	0	
Distribution Rate in 2020		0		 1					\$0.00000	\$0.02020	\$4.48970	\$1.83160	\$27.61570	\$20.19780	\$0.03530	\$1.99570	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Lost Revenue in 2020 from 2011 programs Lost Revenue in 2020 from 2012 programs									\$0.00 \$0.00	\$1,151.03 \$6,282.78	\$26,044.72 \$23,238.38	\$0.00 \$216.11	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$27,195.75 \$29,737.27
Lost Revenue in 2020 from 2013 programs Lost Revenue in 2020 from 2014 programs									\$0.00 \$0.00	\$4,534.67 \$11,591.06	\$10,862.52 \$10,352.28	\$322.10 \$1,477.73	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$397.67	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$15,719.29 \$23,818.75
Lost Revenue in 2020 from 2015 programs Lost Revenue in 2020 from 2016 programs									\$0.00 \$0.00	\$17,958.23 \$10,681.96	\$17,755.51 \$42,305.95	\$885.32 \$797.73	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$36,599.06 \$53,785.65
Lost Revenue in 2020 from 2017 programs Lost Revenue in 2020 from 2018 programs									\$0.00 \$0.00	\$24,221.92 \$5,938.30	\$40,567.78 \$44,169.07	\$91.71 \$411.12	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$64,881.41 \$50,518.49
Lost Revenue in 2020 from 2019 programs Lost Revenue in 2020 from 2020 programs									\$0.00 \$0.00	\$10,314.03 \$0.00	\$46,700.45 \$0.00	\$7,167.85 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$4,536.83 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$68,719.17 \$0.00
Total Lost Revenues in 2020 Forecast Lost Revenues in 2020 LRAMVA in 2020									\$0.00 \$0.00	\$92,673.97 \$32,354.44	\$261,996.67 \$5,055.40	\$11,369.68 \$1,111.78	\$0.00 \$82.85	\$0.00 \$888.70	\$0.00 \$1,266.46	\$4,934.51 \$1,440.90	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$370,974.83 \$42,200.53 \$328,774.31

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form:

Carrying Charges by Rate Class

Version 5.0 (2021)

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

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as Instructions monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	General Service 50 - 999 kW	General Service 1,000 - 4,999 kW	Sentinel Lighti
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
2011 Q3	1.47%	Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
011 Q4 012 Q1	1.47%	Apr-11 May-11	2011 2011	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
2012 Q1 2012 Q2	1.47%	Jun-11	2011	Q2 Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
)12 Q3	1.47%	Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
012 Q4	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
013 Q2 013 Q3	1.47%	Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	
13 Q3	1.47%	Nov-11 Dec-11	2011 2011	Q4 Q4	0.12%	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	
1 Q1	1.47%	Total for 2011	2011	Q(4	0.1270	\$0.00	\$0.00	\$0.00	\$0.00	
Q2	1.47%	Amount Cleared								
4 Q3	1.47%	Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.
4 Q4	1.47%	Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
5 Q1	1.47%	Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
5 Q2	1.10%	Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
5 Q3 5 Q4	1.10%	Apr-12	2011-2012	Q2 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	
Q1	1.10%	May-12 Jun-12	2011-2012 2011-2012	Q2 Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q2	1.10%	Jul-12	2011-2012	Q2 Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q3	1.10%	Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
4	1.10%	Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q1	1.10%	Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
	1.10%	Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
3	1.10%	Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
1	1.50%	Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.
1 2	1.50%	Amount Cleared Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.
3	1.89%	Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
1	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.
2	2.18%	Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
23	2.18%	May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q4 Q1	2.18%	Jun-13 Jul-13	2011-2013 2011-2013	Q2 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	
22	2.18%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q4	0.57%	Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q1	0.57%	Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
		Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
3		Total for 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0
Q4 Q1		Amount Cleared Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.
2 Q2		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q3		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q4		Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0
Q1		Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q2		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
Q3		Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
3 Q4 4 Q1		Jul-14 Aug-14	2011-2014 2011-2014	Q3 Q3	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	
1 02		Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
4 Q3		Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
24 Q4		Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
25 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	
25 Q2		Total for 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0
25 Q3		Amount Cleared								
5 Q4		Opening Balan				\$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	
		Feb-15	2011-2015	Q1	0.12%	\$0.00	\$U.00	\$0.00	\$0.00	\$0.

Apr-15 May-15	2011-2015 2011-2015	Q2 Q2	0.09%	\$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	\$0.00
Jul-15	2011-2015	Q3	0.09%	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-15 Sep-15	2011-2015 2011-2015	Q3 Q3	0.09%	\$0.00 \$0.00														
Oct-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-15	2011-2015	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-15 Total for 2015	2011-2015	Q4	0.09%	\$0.00 \$0.00														
Amount Cleared				\$0.00	40.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00			\$0.00	40.00		Q 0.00
Opening Balan	ce for 2016			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16 Feb-16	2011-2016 2011-2016	Q1 Q1	0.09%	\$0.00 \$0.00														
Mar-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-16 Jun-16	2011-2016 2011-2016	Q2 Q2	0.09%	\$0.00 \$0.00														
Jul-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-16	2011-2016	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-16 Oct-16	2011-2016 2011-2016	Q3 Q4	0.09%	\$0.00 \$0.00														
Nov-16	2011-2016	Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-16 Total for 2016	2011-2016	Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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
Jan-17 Feb-17	2011-2017 2011-2017	Q1 Q1	0.09%	\$0.00 \$0.00														
Mar-17	2011-2017 2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-17	2011-2017	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-17 Jun-17	2011-2017 2011-2017	Q2 Q2	0.09%	\$0.00 \$0.00														
Jul-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-17	2011-2017	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-17 Oct-17	2011-2017 2011-2017	Q3 Q4	0.09%	\$0.00 \$0.00														
Nov-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-17	2011-2017	Q4	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2017 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-18	2011-2018	Q1	0.13%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-18 Mar-18	2011-2018 2011-2018	Q1 Q1	0.13%	\$0.00 \$0.00														
Apr-18	2011-2018	Q2	0.16%	\$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	\$0.00	\$0.00
May-18	2011-2018	Q2	0.16%	\$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	\$0.00	\$0.00
Jun-18 Jul-18	2011-2018 2011-2018	Q2 Q3	0.16%	\$0.00 \$0.00														
Aug-18	2011-2018	Q3	0.16%	\$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	\$0.00	\$0.00
Sep-18 Oct-18	2011-2018	Q3 Q4	0.16%	\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00
Nov-18	2011-2018 2011-2018	Q4 Q4	0.18%	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
Dec-18	2011-2018	Q4	0.18%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2018 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	ce for 2019			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-19	2011-2019	Q1	0.20%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-19 Mar-19	2011-2019 2011-2019	Q1 Q1	0.20%	\$3.84 \$7.67	\$10.19 \$20.39	\$43.33 \$86.66	\$1.73 \$3.46	-\$0.01 -\$0.03	-\$0.15 -\$0.30	-\$0.21 -\$0.43	\$0.59 \$1.18	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$59.31 \$118.61
Apr-19	2011-2019	Q2	0.18%	\$10.24	\$27.21	\$115.67	\$4.62	-\$0.04	-\$0.40	-\$0.57	\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$158.31
May-19 Jun-19	2011-2019 2011-2019	Q2 Q2	0.18%	\$13.65 \$17.07	\$36.28 \$45.35	\$154.23 \$192.78	\$6.17 \$7.71	-\$0.05 -\$0.06	-\$0.53 -\$0.67	-\$0.76 -\$0.95	\$2.11 \$2.63	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$211.08 \$263.85
Jul-19	2011-2019	Q2 Q3	0.18%	\$17.07	\$45.35	\$192.78	\$7.71	-\$0.06	-\$0.67	-\$0.95	\$2.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$253.85
Aug-19	2011-2019	Q3	0.18%	\$23.89	\$63.49	\$269.89	\$10.79	-\$0.09	-\$0.94	-\$1.33	\$3.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$369.39
Sep-19 Oct-19	2011-2019 2011-2019	Q3 Q4	0.18%	\$27.30 \$30.72	\$72.56 \$81.63	\$308.45 \$347.01	\$12.33 \$13.87	-\$0.10 -\$0.11	-\$1.07 -\$1.20	-\$1.53 -\$1.72	\$4.21 \$4.74	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$422.16 \$474.93
Nov-19	2011-2019	Q4	0.18%	\$34.13	\$90.70	\$385.56	\$15.41	-\$0.12	-\$1.34	-\$1.91	\$5.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$527.70
Dec-19	2011-2019	Q4	0.18%	\$37.54	\$99.77	\$424.12	\$16.96	-\$0.14	-\$1.47	-\$2.10	\$5.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$580.47
Total for 2019 Amount Cleared				\$226.53	\$601.96	\$2,559.04	\$102.31	-\$0.83	-\$8.87	-\$12.65	\$34.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,502.44
Opening Balan	ce for 2020			\$226.53	\$601.96	\$2,559.04	\$102.31	-\$0.83	-\$8.87	-\$12.65	\$34.94	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,502.44
Jan-20 Eeb-20	2011-2020	Q1 Q1	0.18%	\$40.96 \$40.96	\$108.84 \$117.97	\$462.68 \$501.57	\$18.50 \$20.05	-\$0.15 -\$0.16	-\$1.60 -\$1.74	-\$2.29 -\$2.48	\$6.32	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$633.24 \$683.01
Feb-20 Mar-20	2011-2020 2011-2020	Q1	0.18%	\$40.96	\$127.10	\$540.47	\$21.60	-\$0.17	-\$1.87	-\$2.67	\$6.85 \$7.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$732.79
Apr-20	2011-2020	Q2	0.18%	\$40.96	\$136.23	\$579.37	\$23.16	-\$0.19	-\$2.01	-\$2.86	\$7.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$782.56
May-20 Jun-20	2011-2020 2011-2020	Q2 Q2	0.18%	\$40.96 \$40.96	\$145.36 \$154.49	\$618.27 \$657.17	\$24.71 \$26.26	-\$0.20 -\$0.21	-\$2.14 -\$2.28	-\$3.05 -\$3.25	\$8.43 \$8.96	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$832.33 \$882.11
Jul-20	2011-2020	Q3	0.05%	\$10.71	\$42.78	\$182.00	\$7.27	-\$0.06	-\$0.63	-\$0.90	\$2.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$243.66
Aug-20	2011-2020	Q3	0.05%	\$10.71	\$45.17	\$192.17	\$7.68	-\$0.06	-\$0.67	-\$0.95	\$2.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$256.67
Sep-20 Oct-20	2011-2020 2011-2020	Q3 Q4	0.05%	\$10.71 \$10.71	\$47.56 \$49.95	\$202.34 \$212.51	\$8.08 \$8.49	-\$0.07 -\$0.07	-\$0.70 -\$0.74	-\$1.00 -\$1.05	\$2.76 \$2.90	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$269.68 \$282.70
Nov-20	2011-2020	Q4	0.05%	\$10.71	\$52.33	\$222.68	\$8.90	-\$0.07	-\$0.77 -\$0.81	-\$1.10 -\$1.15	\$3.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$295.71 \$308.73
Dec-20 Total for 2020	2011-2020	Q4	0.05%	\$10.71 \$536.53	\$54.72 \$1,684.46	\$232.85 \$7,163.12	\$9.30 \$286.32	-\$0.08 - \$2.31	-\$0.81 -\$24.82	-\$1.15 -\$35.40	\$3.17 \$97.73	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$308.73 \$9,705.63
Amount Cleared				4030.53	\$1,004.40	¢1,103.12	\$200.32	-92.31	-924.62	-300.40	ş91.13	30.00	30.00	.00.00	<i>40.00</i>	.00 .00	40.00	40,100.00
Opening Balan	ce for 2021			\$536.53	\$1,684.46	\$7,163.12	\$286.32	-\$2.31	-\$24.82	-\$35.40	\$97.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,705.63
Jan-21	2011-2021	Q1	0.05%	\$10.71	\$28.46	\$120.97	\$4.84	-\$0.04	-\$0.42	-\$0.60	\$1.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$165.57
Feb-21 Mar-21	2011-2021 2011-2021	Q1 Q1	0.05%	\$10.71 \$10.71	\$30.84 \$33.23	\$131.15 \$141.32	\$5.24 \$5.65	-\$0.04 -\$0.05	-\$0.45 -\$0.49	-\$0.65 -\$0.70	\$1.79 \$1.93	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$178.59 \$191.60
Apr-21	2011-2021	Q2	0.05%	\$10.71	\$35.62	\$151.49	\$6.05	-\$0.05	-\$0.52	-\$0.75	\$2.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$204.61
May-21	2011-2021	Q2 Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-21 Jul-21	2011-2021 2011-2021	Q3		\$0.00 \$0.00														
Aug-21	2011-2021	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-21 Oct-21	2011-2021			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-21 Oct-21 Nov-21 Dec-21	2011-2021 2011-2021 2011-2021 2011-2021	Q4 Q4 Q4		\$0.00 \$0.00 \$0.00														

Total for 2021			1	\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446.00
Amount Cleared				10,000	T () T (T)	* :): ** :	1000.00				1.22.12					1	1	() () () () () () () () () () () () () ()
Opening Balan	ce for 2022			\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446.00
Jan-22	2011-2022	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-22	2011-2022	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-22	2011-2022	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-22	2011-2022	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-22	2011-2022	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-22	2011-2022	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-22	2011-2022	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-22	2011-2022	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-22	2011-2022	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-22 Nov-22	2011-2022 2011-2022	Q4 Q4		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00						
Dec-22	2011-2022	Q4 Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2022	2011-2022	Q4		\$579.37	\$1,812.61	\$7.708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$10.446.00
Amount Cleared				\$313.31	\$1,012.01	\$7,700.04	\$300.10	-92.43	-920.71	-950.03	\$103.10	30.00	30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,440.00
Opening Balan	ce for 2023			\$579.37	\$1.812.61	\$7,708.04	\$308.10	-\$2,49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446,00
Jan-23	2011-2023	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-23	2011-2023	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-23	2011-2023	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-23	2011-2023	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-23	2011-2023	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-23	2011-2023	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-23	2011-2023	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-23	2011-2023	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-23	2011-2023	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-23	2011-2023	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2023				\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446.00
Amount Cleared													_					
Opening Balan		<u>.</u>		\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446.00
Jan-24	2011-2024	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-24 Mar-24	2011-2024 2011-2024	Q1 Q1		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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-24	2011-2024	Q1 Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-24	2011-2024	Q2 Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-24	2011-2024	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-24	2011-2024	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-24	2011-2024	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-24	2011-2024	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-24	2011-2024	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-24	2011-2024	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-24	2011-2024	Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2024				\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446.00
Amount Cleared																		
Opening Balan				\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,446.00
Jan-25	2011-2025	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-25	2011-2025	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-25	2011-2025	Q1		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-25	2011-2025	Q2		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-25	2011-2025	Q2 Q2		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Jun-25 Jul-25	2011-2025	Q2 Q3		\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-25	2011-2025	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-25	2011-2025	Q3		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-25	2011-2025	Q3 Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-25	2011-2025	Q4 Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-25	2011-2025	Q4 Q4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2025	_011 2020			\$579.37	\$1,812.61	\$7,708.04	\$308.10	-\$2.49	-\$26.71	-\$38.09	\$105.16	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$10,446.00
Amount Cleared																		

Ontario Energy Board

Supporting Documentation:

LDC Persistence Savings Results from IESO

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

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

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

4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year implementation in the future year's res 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

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

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

Step:	#1				#3	#2	#4	#1																	
Portfolio	Program	Initiative	LDC Sector	Conservation	(Implementation)	Identify Source of	Identify Status of	Net Veri	fied Annu	ial Peak D	emand Sav	ings at the	End-User	Level (kW)										
				Resource Type	Year	Report	Savings																		
	_																								
								1	-		-	-	#	#	1		1	-		-	-			-	-
Tier 1	Consumer	Appliance Exchange	Bluewater Power Distribution Corporation Residential	FF	2011	2011 Results Persistence	Current year savings			3	3	1						=	4	-	-	-	-		-
Tier 1	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	EE	2011	2011 Results Persistence	Current year savings	41	L 4	1 4	11 4	0 20	5		0	0	0	0	0 0	0	0	0	0	0	0
Tier 1	Consumer	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Residential	EE		2011 Results Persistence	Current year savings	11	1 1	1 1				9 1	3 7	g	4	1	1 1	1	1	1	0	0	0
Tier 1	Consumer	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential	EE		2011 Results Persistence		7	7	7	/	7	7 :	7 1	5 5	6	i 4	0	0 0	0	0	0	0	0	0
Tier 1	Consumer	HVAC Incentives	Bluewater Power Distribution Corporation Residential	EE		2011 Results Persistence		405		5 40	15 40	5 40	5 40	5 40	405	405	405	405	5 405	405	405	405	405	405	405
Tier 1 Tier 1	Business Business	Demand Response 3 (part of the Industrial pro Direct Install Lighting	Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	EE		2011 Results Persistence 2011 Results Persistence		402		1 9	1 8	0 0			11	11	0 0	10	0 10	0	0	0	0	0	0
Tier 1	Business	Retrofit	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2011 Results Persistence		57		7 5			7 5	7 5	7 57	31	31	31	1 31	1	1	0	0	0	0
Tier 1	Industrial	Demand Response 3	Bluewater Power Distribution Corporation Industrial	DR		2011 Results Persistence		1,686		0	0	0			0	(0 0	(0 0	0	0	0	0	0	0
Tier 1	Industrial	Retrofit	Bluewater Power Distribution Corporation Industrial	EE		2011 Results Persistence		23	3 2	3 2	3 2	3 2	3 2	3 2	3 23	23	3 23	23	3 23	0	0	0	0	0	0
Tier 1		Electricity Retrofit Incentive Program	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2011 Results Persistence		432	2 43	2 43	12 43	2 43	2 433	2 433	432	432	432	432	2 432	432	0	0	0	0	0
Tier 1		High Performance New Construction	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2011 Results Persistence		1	L :	1	1	1 :	1 :	ι :	1	1	1	1	1 1	1	1	1	1	1	1
Tier 1	Business	Direct Install Lighting	Bluewater Power Distribution Corporation C&I	EE		2012 Results Persistence	Current year savings		24								258		,		0	68	0	0	0
Tier 1 Tier 1	Business Consumer	Retrofit Appliance Exchange	Bluewater Power Distribution Corporation C&I Bluewater Power Distribution Corporation Residential	FF	2012	2012 Results Persistence 2012 Results Persistence	Current year savings		29	4 29	2 29	2 29	1 29	1 26	5 262	262	258	247	/ 226	226	68	68	68	13	13
Tier 1	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	EE	2012	2012 Results Persistence	Current year savings		2	4 2	4 2	4 2	2 1	2	0 0		0 0	0	0 0	0	0	0	0	0	0
Tier 1	Consumer	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Residential	EE	2012	2012 Results Persistence	Current year savings	(1	0 1	0 1	0 10		9	6	6	6	4	4 1	1	1	1	1	1	0
Tier 1	Consumer	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential	EE	2012	2012 Results Persistence	Current year savings	C) :	1		1	1 :	1 :	1	1	1	1	1 0	0	0	0	0	0	0
Tier 1		HVAC Incentives	Bluewater Power Distribution Corporation Residential	EE		2012 Results Persistence		0	20				B 201	B 201	3 208	208	208				208	208	208	208	208
Tier 1		Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE	2012	2012 Results Persistence	Current year savings	0			2	2	2 3	2 3	2	2	2 2	2	2 2	2	2	2	0	0	0
Tier 1 Tier 1	Industrial	Demand Response 3 High Performance New Construction	Bluewater Power Distribution Corporation Industrial Bluewater Power Distribution Corporation C&I	DR		2012 Results Persistence			1,79		0 16	1 16:	1 16:	1 16	161	161	161	161	1 161	161	0	0	0	0	0
Tier 1	Business	Demand Response 3 (part of the Industrial pro		DR		2012 Results Persistence 2012 Results Persistence			16		01 10	1 10.	1 10.	1 10.	101	101	161	161	1 161	101	0	0	0	0	0
Tier 1	Consumer	Residential New Construction	Bluewater Power Distribution Corporation Residential	FF		2012 Results Persistence				0	0	0 0	1 1	1 0	0 0		0		0 0	0	0	0	0	0	0
Non-Tier 1	Industrial	Demand Response 3	Bluewater Power Distribution Corporation Industrial	DB		2012 Results Persistence			6	3	0	0 1			0	0	0 0	0	0 0	0	0	0	0	0	0
Non-Tier 1	Business	Demand Response 3	Bluewater Power Distribution Corporation Business	DR	2012	2012 Results Persistence	Current year savings	C	15	2	0	0	0	0	0	0	0 0	(0 0	0	0	0	0	0	0
Tier 1 - 2011 Adjustment	Business	Retrofit	Bluewater Power Distribution Corporation C&I	EE	2011	2012 Results Persistence	Adjustment	14	1 1	.4 1	4 1	4 1	4 1	4 1	8 C		0 0	(0 0	0	0	0	0	0	0
Tier 1 - 2011 Adjustment	Business	Direct Install Lighting	Bluewater Power Distribution Corporation C&I	EE		2012 Results Persistence		11	1 1		1 1				1	1	1	1	1 1	0	0	0	0	0	0
Tier 1 - 2011 Adjustment	Consumer	HVAC Incentives	Bluewater Power Distribution Corporation Residential	EE		2012 Results Persistence		-46	5 -4	6 -4	-4	6 -4	5 -4	5 -41	-46	-46	-46	-46	6 -46	-46	-46	-46	-46	-46	-46
Tier 1 - 2011 Adjustment Tier 1 - 2011 Adjustment	Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	FF		2012 Results Persistence 2012 Results Persistence		1		1	1	1 1	1 1				0 0	(0 0	0	0	0	0	0	0
Iner 1 - 2011 Adjustment	Business	DR-3	Bluewater Power Distribution Corporation Commercial & Institutional	DP .		2012 Results Persistence				0 19	•						0		0 0	0	0	0	0	0	0
LDC	Business	Retrofit	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2013 Results Persistence			4		18 4	8 4	3 41	3 3	37	37	33	31	1 28	28	0	0	0	0	0
LDC	Business	Retrofit	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2013 Results Persistence		0)	0 24	14 23	4 22	3 22	3 20	200	200	200	199	9 190	178	178	118	63	63	55
LDC	Business	Small Business Lighting	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2013 Results Persistence		0)	7	7	7 !	5	5 :	1 1	1	1	1	1 1	1	0	0	0	0	0
LDC	Business	Small Business Lighting	Bluewater Power Distribution Corporation Commercial & Institutional	EE		2013 Results Persistence		() (0 13	14 13	4 13	1 11	7 4:	41	41	41	41	1 41	40	33	0	0	0	0
LDC	Consumer	Annual Coupons Appliance Exchange	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE		2013 Results Persistence 2013 Results Persistence				0	3	3 1	3	3	3 3	1	3 3		2 2	2	2	2	2	2	2
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	FF		2013 Results Persistence					6 1			5 6			0		0 0	0	0	0	0	0	0
LDC	Consumer	Bi-Annual Retailer Events	Bluewater Power Distribution Corporation Residential	EE	2013	2013 Results Persistence	Current year savings	0		0	8	8	7 1	5 1	6	6	6	5	5 5	4	2	2	2	2	2
LDC	Consumer	Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE	2013	2013 Results Persistence	Current year savings	(0 2	18 2	7 2	7 2	5 20	5 25	25	25	18	8 15	13	13	11	11	2	2
LDC	Consumer	HVAC	Bluewater Power Distribution Corporation Residential	EE		2013 Results Persistence		() :	1	1	1 :	1 :	1 :	1	1	1	1	1 1	1	1	1	1	1	1
LDC	Consumer	HVAC	Bluewater Power Distribution Corporation Residential	EE		2013 Results Persistence		0) (0 17		0 17	170	170	170	170	170	170	0 170	170	170	170	170	170	170
LDC Non-LDC	Industrial	DR-3 DR-3	Bluewater Power Distribution Corporation Industrial Bluewater Power Distribution Corporation Industrial	DR		2013 Results Persistence 2013 Results Persistence		(0 1,73						(0 0	(0 0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	FF		2013 Results Persistence				0		0 0	1 1	1 1			0		0 0	0	0	0	0	0	0
LDC	Consumer	HVAC	Bluewater Power Distribution Corporation Residential	EE		2013 Results Persistence		0		0	0	0 1	0 0	0 0	0 0		0 0	0	0 0	0	0	0	0	0	0
LDC	Business	Direct Install Lighting	Bluewater Power Distribution Corporation Commercial	EE	2014	2014 Results Persistence	Current year savings	0) (0	0 18	9 18	3 16	3 11	5 116	116	5 116	116	5 116	116	115	36	0	0	0
LDC	Business	Energy Audit	Bluewater Power Distribution Corporation Commercial	EE		2014 Results Persistence		0		0 4	4 4	4 4	4 4	4 (0	(0	(0 0	0	0	0	0	0	0
LDC	Business	High Performance New Construction	Bluewater Power Distribution Corporation Commercial	EE		2014 Results Persistence		(0	4	4 /	4 /	4 /	4	4	4	4	4 4	2	2	2	2	2	0
LDC	Business Business	Retrofit Retrofit	Bluewater Power Distribution Corporation Commercial Bluewater Power Distribution Corporation Commercial	EE		2014 Results Persistence 2014 Results Persistence		(2	1 2	1 2			5 1	14	14	13	13			9 44	1	1	1	1
LDC	Business	Retrofit	Bluewater Power Distribution Corporation Commercial	FF		2014 Results Persistence				0	0 24				-		237	237			193	190	146	126	126
LDC	Consumer	Appliance Exchange	Bluewater Power Distribution Corporation Residential	EE	2014	2014 Results Persistence	Current year savings			0	0 1	2 1	2 1	2 1	0	(0	(0 0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence		C) (0	0	0 1) (0	0 0	0	0 0	(0 0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	EE	2014	2014 Results Persistence	Current year savings	C) ()	0	0	4 4	4	4	0	0	0 0	0	0 0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence		0)	0	0	6 (5 1	5 1	6	(0	0	0 0	0	0	0	0	0	0
LDC	Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Residential	EE	2014	2014 Results Persistence	Current year savings	0) (0	0	7	7 :	7 3	7	(0 0	0	0 0	0	0	0	0	0	0
LDC LDC	Consumer	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence 2014 Results Persistence				0	0 5	2 4	5 4	2 4	2 42	43	2 42	42	2 42	39	36	30	30	30	30
LDC		Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence 2014 Results Persistence				0	0 1	4 1	4 1	3 1	13	13	13	13	3 13	12	9	9	9	8	8
LDC		Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence) (0		0 0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0	0
LDC		Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence		0) (0	0	0 () () (0 0	0	0 0	0	0 0	0	0	0	0	0	0
LDC		Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE	2014	2014 Results Persistence	Current year savings	0		0	0	8	7 :	7 :	7	1 3	7	7	7 5	5	5	5	3	3	1
LDC		HVAC Incentives	Bluewater Power Distribution Corporation Residential	DR		2014 Results Persistence		0	2	0	8	8 1	3 1	8 8	8 8	8	8 8	٤	8 8	8	8	8	8	8	8
LDC LDC	Consumer	HVAC Incentives Residential New Construction	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence				1	0 19	9 19	9 19	9 19	199	199	199	199	9 199	199	199	199	199	199	199
LDC	Consumer	Residential New Construction	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	FF		2014 Results Persistence 2014 Results Persistence				0	2	2			1		1		2 2	2	2	2	1	1	1
LDC	Consumer	Residential New Construction	Bluewater Power Distribution Corporation Residential	EE		2014 Results Persistence				0	0	4	4	4	4	4	4	4	4 4	4	4	4	4	4	4
LDC	Industrial	PSUI	Bluewater Power Distribution Corporation Industrial	EE		2014 Results Persistence		0		0	0 5	3 5	3 5	3 53	53	53	53	53	3 53	53	0	0	0	0	0
LDC	Other	LDC Pilots	Bluewater Power Distribution Corporation Commercial	EE	2014	2014 Results Persistence	Current year savings	0		0		4	D I	0 1	0 0	0	0	(0 0	0	0	0	0	0	0
LDC	Other	Time-of-Use Savings	Bluewater Power Distribution Corporation Other	DR		2014 Results Persistence		(0	0 43	9	1	1	0	0	0	(0 0	0	0	0	0	0	0
non-Tier 1	Industrial	Demand Response 3	Bluewater Power Distribution Corporation Industrial	DR	2014	2014 Results Persistence	Current year savings		1	U	0 8	ь		1	0	(0	0	0 0	0	0	0	0	0	0

Portfolio	Program	Initiative	LDC Sector	Resource Type Year Report Savings			l Peak Der	mand Savi	ings at the	End-User	Level (kW)														
								1	1	1	1	1	1	ŧ,	ŧ	1	1				1	1	1	1	1
Tier 1	Business	Demand Response 3	Bluewater Power Distribution Corporation Commercial	DR	301	1 2014 Results Dessistence	Current upor environ	=	#	#	₩ 304	1 H	#	#	#	#	#	#	#	#	#	#	#	#	#
Tier 1	Industrial	Demand Response 3	Bluewater Power Distribution Corporation Industrial	DB	201	4 2014 Results Persistence		0	0	0	1,700			0	0	0	0	0	0	0	0	0	0	0	0
Tier 1	Industrial	Energy Managers	Bluewater Power Distribution Corporation Industrial	EE		2 2014 Results Persistence		0	10	10			10	10	10	10	10	10	10	10	10	10	10	10	10
LDC	Other	Loblaw P4P Conservation Fund Pilot Program	Bluewater Power Distribution Corporation Commercial & Ins		201	2015 Results Persistence	Current year savings	0	0	0) (0 51		50		50	50	50	50	50	50	0	0	0	0
LDC	Consumer	Appliance Retirement Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence		0	0	0	0	0 1				4	0	0	0	0	0	0	0	0	0
LDC	Consumer	Coupon Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence		0	0	0	(0 2:		21		21 40	21	21	21	21	21	18	18	18	18
LDC	Consumer	Bi-Annual Retailer Event Initiative HVAC Incentives Initiative	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence 5 2015 Results Persistence		0	0	0		0 41				40 204	40 204	40 204	40	204			32 204	32	31
IDC	Business	Efficiency: Equipment Replacement Incentive		stitutional EE		5 2015 Results Persistence	Current year savings Current year savings	0	0	0		0 30				204	204	204	204	204			204		
LDC	Business	Direct Install Lighting and Water Heating Initiat				5 2015 Results Persistence		0	0	0		0 61				38	38	38	38	38		37	11	0	0
LDC	Industrial	Process and Systems Upgrades Initiatives - Pro	Bluewater Power Distribution Corporation Industrial	EE	201	5 2015 Results Persistence	Current year savings	0	0	0	0	0 1	9 19	19	19	19	19	19	19	19	19	0	0	0	0
LDC	Industrial	Process and Systems Upgrades Initiatives - Ene	Bluewater Power Distribution Corporation Industrial	EE		5 2015 Results Persistence	Current year savings	0	0	0	(0	8 8	8	8	8	8	8	8	6	6	0	0	0	0
LDC	Other	Low Income Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence		0	0	0		0 1	5 6	6	6	6	6	6	6	5	5	5	5	5	5
LDC	Consumer	Coupon Initiative Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Commercial & Ins	stitutional EE		5 2016 Results Persistence 5 2016 Results Persistence		0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3
LDC	Consumer	Bi-Annual Retailer Event Initiative HVAC Incentives Initiative	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE		5 2016 Results Persistence 5 2016 Results Persistence		0	0	0		0 1		2	2	2	2	2	2	2	2	2	2	0	2
LDC	Business	Efficiency: Equipment Replacement Incentive		stitutional FF		5 2016 Results Persistence	Adjustment	0	0	0		o 0		1	1	1	1	1	1	1	0	0	0	0	0
LDC	Business	Existing Building Commissioning Incentive Initia				5 2016 Results Persistence		0	0	0		0 1	5 16	16	16	16	16	16	16	16	16	0	0	0	0
LDC	Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	EE	201	6 2016 Results Persistence	Current year savings	0	0	0	0	0	178	178	178	178	178	178	178	178	178	177	171	171	171
LDC	Consumer	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation Residential	EE		6 2016 Results Persistence		0	0	0) (0 1	176	176	176	176	176	176	176	176	176	176	176	176	176
LDC	Consumer	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE		6 2016 Results Persistence		0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
LDC	Business	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation Commercial & Ins			6 2016 Results Persistence	Current year savings	0	0	0	0	0	1 2	2	2	2	2	2	2	2	2	2	0	0	0
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Ins			6 2016 Results Persistence		0	0	0		0 1	152	148	148	148	148	148	148	148	148	148	147	105	19
LDC	Business Consumer	Save on Energy Small Business Lighting Program Home Depot Home Appliance Market Uplift Co		stitutional EE		6 2016 Results Persistence 6 2016 Results Persistence	Current year savings	0	0	0			3 4	4	4	4	4	3	0	0	0	0	0	0	0
IDC	Business	Efficiency: Equipment Replacement Incentive		stitutional FF		5 2017 Results Persistence		0	0	0		0 2	3 25	34	34	34	34	42	42	42	40	34	34	27	3
LDC	Business	Direct Install Lighting and Water Heating Initiat		stitutional EE		5 2017 Results Persistence	Adjustment	0	0	0	(0 -31	-22	-2	0	0	0	0	0	0	0	0	2	0	0
LDC	Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	EE		6 2017 Results Persistence	Adjustment	0	0	0		0 1	19	19	19	19	19	19	19	19	19	19	19	19	19
LDC	Consumer	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation Residential	EE		6 2017 Results Persistence		0	0	0	0	0 0	2	2	2	2	2	2	2	2	2	2	2	2	2
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Ins			6 2017 Results Persistence		0	0	0	1	0 1	658	662	757	757	757	750	750	750	749	749	747	213	49
LDC	Business	Save on Energy Small Business Lighting Program Save on Energy Energy Manager Program	Bluewater Power Distribution Corporation Commercial & Ins Bluewater Power Distribution Corporation Industrial	stitutional EE		6 2017 Results Persistence 6 2017 Results Persistence		0	0	0			1	1	1	1	1	1	1	1	1	1	1	1	0
LDC	Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	EE		7 2017 Results Persistence	Current year savings	0	0	0		0 1		228	184	184	184	184	184	184	184	184	184	174	174
LDC	Consumer	Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation Residential	EE		7 2017 Results Persistence	Current year savings	0	0	0		0 1	0 0	187			136	136							
LDC	Consumer	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation Residential	EE		7 2017 Results Persistence	Current year savings	0	0	0	0	0	0	149			149	149		149	149	149	149	149	149
LDC	Consumer	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE		7 2017 Results Persistence	Current year savings	0	0	0	0	0 0	0	29		29	29	29	29	29	29	29	28	2	2
LDC	Business	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation Commercial & Ins			7 2017 Results Persistence	Current year savings	0	0	0	(0 1	0 0	6	6	6	6	6	6	6	6	6	5	0	0
LDC	Business	Save on Energy Retrofit Program Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation Commercial & Ins Bluewater Power Distribution Corporation Commercial & Ins			7 2017 Results Persistence 7 2017 Results Persistence	Current year savings Current year savings	0	0	0		0 1		681		754	754	754	741	741	741	737	737	717	389
IDC	Industrial	Save on Energy Small Business Lighting Program Save on Energy Energy Manager Program	Bluewater Power Distribution Corporation Commercial & Ins Bluewater Power Distribution Corporation Industrial	FF		7 2017 Results Persistence 7 2017 Results Persistence	Current year savings	0	0	0		0 1		13	13	13	13	10	0	0	0	0	0	0	0
LDC	Consumer	Instant Savings Local Program	Bluewater Power Distribution Corporation	EE		7 2017 Results Persistence	Current year savings	0	0	0	0	0 1	0 0	81	81	81	81	81	81	81	81	81	81	0	0
LDC	Consumer	Whole Home Pilot Program	Bluewater Power Distribution Corporation	EE	201	7 2017 Results Persistence	Current year savings	0	0	0	0	0	0	12	12	12	12	12	12	12	12	12	12	12	12
LDC	Business	Ontario Clean Water Agency P4P Conservation		EE		7 2017 Results Persistence	Current year savings	0	0	0	0	0	0 0	4	4	4	4	4	4	4	4	4	4	4	4
LDC	Consumer	Save on Energy Heating and Cooling Program		EE	201		Current year savings				-	-	-		66	66	68								
LDC	Consumer	Save on Energy Instant Discount Program Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	EE	201		Current year savings				-				80	80	80	_	_						
LDC	Business	Save on Energy Smart Thermostat Program Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Ins		201		Current year savings								858	878	904	_	_						
LDC	Business	Save on Energy Small Business Lighting Program			201		Current year savings								2	2	1								
LDC	Business	Save on Energy Existing Building Commissionin		stitutional EE	201	8	Current year savings								16	16	16								
LDC	Consumer	Instant Savings Program	Bluewater Power Distribution Corporation Commercial & Ins		201		Current year savings								55	55	55								
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Ins		201		Adjustment				-	-	1	2	2	2	2								
LDC	Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential	2017 Adj.	201		Adjustment				-	-	-	10	0	0	10		_		-				
LDC	Consumer	Save on Energy Heating and Cooling Program Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Ins	2017 Adj. stitutional 2017 Adi.	201		Adjustment Adjustment				-	-	-	10	10	10	10								
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Ins		201		Adjustment				T		1	259	280	289	289								
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Ins		201		Current year savings							1.55	2.50	608	608	605							
LDC	Business	PSUP	Bluewater Power Distribution Corporation Commercial & Ins	stitutional	201	9	Current year savings									858	858	858							
LDC	Consumer	Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation Residential			9 2018 Results Persistence	Current year savings																		
LDC	Business	Save on Energy Small Business Lighting Program			201		Current year savings										5.0	4.4	_						
LDC	Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Ins Bluewater Power Distribution Corporation Commercial & Ins		202						-	-	-				_		_		-				
E.C.	BUSHIESS	130	socware rower osciolation corporation commercial & ins	AND COMPANY	202						-	1	-				_		_						
																								-	

ntario Energy Board

Supporting Documer LDC Persistence Savings Res Version 5.0 (2021)

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 IESO. Please copy and paste the program information by initiative in

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

3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be do

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

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

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

fied Program Results and Persistence into Future Years

Partner Partner <t< th=""><th>#1</th><th></th><th></th><th>-</th><th></th><th>#3</th><th>#2</th><th>#4</th><th>1</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>#1</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	#1			-		#3	#2	#4	1													#1						
Desc Desc Desc Desc Desc Desc Desc Desc<	Program	Initiative	LDC	Sector	Conservation Resource Type		Identify Source of Report	Identify Status of Savings														Net Verified A	nnual Energ	y Savings at tl	he End-User Leve	±l (kWh)		
Desc Desc Desc Desc Desc Desc Desc Desc<															-					1								
Desc Desc Desc Desc Desc Desc Desc Desc<									1	Ē				1			1				1		i.	Ē	Ē	1		1
	Consumer	Appliance Exchange	Bluewater Power Distribution Corporation	Residential	EE	2011	2011 Results Persistence		C		0	0	0	0	0	0	0	0		0	0 0					0	0	0
	Consumer				EE			Current year savings	C	0)	0	0	0	0	0	0	0		0	0 0						0	C
	Consumer				EE	2011	2011 Results Persistence	Current year savings	C	0	0	0	0	0	0	0	0	0		0	0 0							
	Consumer				EE				222			0	0	0	0	0	0	0		0	0 0							
matrix matrix matrix <td>Business</td> <td></td> <td></td> <td></td> <td>DR</td> <td></td> <td></td> <td></td> <td>353</td> <td>5</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td></td> <td>/48,425</td> <td>/48,429</td> <td>748,429</td> <td>/48,429</td> <td>748,429</td> <td>/48,425</td>	Business				DR				353	5		0	0	0	0	0	0	0		0	0 0		/48,425	/48,429	748,429	/48,429	748,429	/48,425
mb mb mb mb mb mb m	Business				EE				0			0	0	0	0	0	0	0		0	0 0		237,601	237,601	205,599	205,005	204,888	30,465
Math	Business				EE				C	0	0	0	0	0	0	0	0	0		0	0 0	325,703	325,703	325,703	325,703	325,703	325,703	325,703
	Industrial				DR				C			0	0	0	0	0	0	0		0	0 0		(0	0	0	0	0
	Industrial				EE				0	0	0	0	0	0	0	0	0	0		0	0 0							156,003
100 10					EE				0			0	0	0	0	0	0	0		0	0 0	0,222,77.70		0,222). 10	0,222,710	0/12/11/10	0,220,110	0,000,00
		High Performance New Construction	Bluewater Power Distribution Corporation	Commercial & Institutional	EE EE				1	1	1	1	1	1	1	1	1	0		0	0 0	3,379						
mm mm mm mm mm </td <td>Business</td> <td></td> <td></td> <td></td> <td>FF</td> <td></td> <td></td> <td></td> <td>13</td> <td>3 1</td> <td>3 1</td> <td>13</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Business				FF				13	3 1	3 1	13	0	0	0	0	0	0		0	0 0	0						
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mm m mm mm mm </td <td>Consumer</td> <td></td> <td></td> <td></td> <td>EE</td> <td></td> <td></td> <td></td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>160,470</td> <td>160,470</td> <td>160,470</td> <td></td> <td>94,922</td> <td>0</td>	Consumer				EE				C	0	0	0	0	0	0	0	0	0		0	0 0	0	160,470	160,470	160,470		94,922	0
Image More	Consumer				EE				C		0	0	0	0	0	0	0	0		0	0 0	0						126,472
Dest Dest Dest Dest De	Consumer				EE				0			0	0	0	0	0	0	0		0	0 0	0						8,897
1 <td< td=""><td>Consumer</td><td></td><td></td><td></td><td>EE</td><td></td><td></td><td></td><td>208</td><td>8 15</td><td>9</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0 0</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Consumer				EE				208	8 15	9	0	0	0	0	0	0	0		0	0 0	0						
					EE DR	2012	2012 Results Persistence			-	1	U	0	0	0	0	0	0		0	0 0	0		28,761	28,761	28,761	28,761	28,761
••••••••••••••••••••••••••••••••••••			Bluewater Power Distribution Corporation	(%)	FF	2012	2012 Results Persistence	Current year savings				0	0	0	0	0	0	0		0	0 0	0		825 446	825.446	825.446	825 446	825,446
matrix ma	Business				DR	2012	2012 Results Persistence	Current year savings				0	0	0	0	0	ρ	0		0	0 0	0		02.3,440	013,440	013,440	013,440	02.3,440
1000 1000	Consumer				EE				0	0		0	0	0	0	0	0	0		0	0 0	0		362	362	362	362	362
matrix ma	Industrial				DR				0		0	0	0	0	0	0	0	0		0	0 0	0	1,515	C	0	0	0	0
mb mb< mb<<	Business				DR	2012	2012 Results Persistence	Current year savings	C	0		0	0	0	0	0	0	0		0	0 0	0		G	0	0	0	0
	Business		Bluewater Power Distribution Corporation	C&I	EE	2011	2012 Results Persistence	Adjustment	0		0	0	0	0	0	0	0	0		0	0 0							
Image Marche Mathe Math Mathe Math Mathe Mathe Mathe Math Mathe Mathe Mathe Mathe Mat	Business				EE	2011	2012 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0		0	0 0							3,336
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add add </td <td>Business</td> <td></td> <td></td> <td></td> <td>EE</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>5</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>234.504</td> <td></td> <td>234,504</td> <td>234,504</td> <td>234,504</td> <td>203.184</td>	Business				EE				0		5	0	0	0	0	0	0	0		0	0 0	0	234.504		234,504	234,504	234,504	203.184
	Business	Retrofit			EE	2013	2013 Results Persistence	Current year savings	12	2	э	9	9	0	0	0	0	0		0	0 0	0	(1,028,583
max max <td>Business</td> <td>Small Business Lighting</td> <td></td> <td></td> <td>EE</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>24,296</td> <td></td> <td></td> <td></td> <td></td> <td>2,816</td>	Business	Small Business Lighting			EE				0			0	0	0	0	0	0	0		0	0 0	0	24,296					2,816
Member Member </td <td>Business</td> <td>Small Business Lighting</td> <td></td> <td></td> <td>EE</td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>(</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Business	Small Business Lighting			EE				0	0	3	0	0	0	0	0	0	0		0	0 0	0	(
main	Consumer				EE				2	2	1	1	1	0	0	0	0	0		0	0 0	0	(40,560
inder bergine ind					EE C				0		-	0	0	0	0	0	0	0		0	0 0	0	(59,460
Image Market Pare Diversion grands Restart	Consumer				FF				2	2	1	1	1	0	0	0	0	0		0	0 0	0	(81,480
MC Mean Mean Mean Mean	Consumer		Bluewater Power Distribution Corporation	Residential	EE				2	2	2	2	2	2	0	0	0	0		0	0 0	0	(252,586
bit Displand	Consumer	HVAC	Bluewater Power Distribution Corporation	Residential	EE	2012	2013 Results Persistence		1	1	1	1	0	0	0	0	0	0		0	0 0	0	1,967	1,967	1,967	1,967	1,967	1,967
103 03 03 03 03 04 <t< td=""><td>Consumer</td><td></td><td></td><td></td><td>EE</td><td></td><td></td><td></td><td>170</td><td>17</td><td>12</td><td>22</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0 0</td><td>0</td><td>(</td><td></td><td></td><td>280,188</td><td>280,188</td><td>280,188</td></t<>	Consumer				EE				170	17	12	22	0	0	0	0	0	0		0	0 0	0	(280,188	280,188	280,188
marmer Applanck Briterier Busker Proce Durbing Sinterier Sinter Sinter Sinterier	Industrial								0	1		0	0	0	0	0	0	0		0	0 0	0	(0	0	0
MAC Beader Poor Diversion Grandmanner Gameral					DR				0			0	0	0	0	0	0	0		0	0 0	0	(0	0	21
1 1 </td <td>Consumer</td> <td></td> <td></td> <td></td> <td>FF</td> <td></td> <td></td> <td></td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>54</td> <td></td> <td></td> <td>54</td> <td>54</td> <td>54</td>	Consumer				FF				0	1	1	0	0	0	0	0	0	0		0	0 0	0	54			54	54	54
Image date Image date <td>Business</td> <td>Direct Install Lighting</td> <td></td> <td></td> <td>EE</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>(</td> <td>0</td> <td>703,764</td> <td>682,709</td> <td>620,101</td> <td>448,199</td>	Business	Direct Install Lighting			EE				0			0	0	0	0	0	0	0		0	0 0	0	(0	703,764	682,709	620,101	448,199
sigher Angescription Huringter Power Distribution Congrantes C Mainter All S	Business		Bluewater Power Distribution Corporation	Commercial	EE	2013	2014 Results Persistence		0	0		0	0	0	0	0	0	0		0	0 0	0	(242,415	242,415	242,415	242,415	0
sended Hursder Power Dividuo Controntion Control of a control	Business	High Performance New Construction	Bluewater Power Distribution Corporation	Commercial	EE	2013	2014 Results Persistence	Adjustment	0		2	0	0	0	0	0	0	0		0	0 0	0	(16,375	
Bandle Manuel Augencie Manuel Augenci Augencie Manuel Augencie Manuel Augencie	Business				EE				1	1	<u> </u>	1	0	0	0	0	0	0		0	0 0	0	97,168					
numme Applices CatAnge N	Business				EE CC				6			5	5	0	0	0	0	0		0	0 0	0	(283,776				276,577
Image Applies Peterment Bueake Power Databalish Corporation Reside Power Databalish Corporation Reside Power Databalish PowerDatabalish					EE.				80	2	2 2	0	29	29	0	0	0	0		0	0 0	0						2,118,746
Applies Retreem Buewale Power Distribution Corporation Name Applies Retreem Buewale Power Distribution Corporation Retreem Applies Power Distribution Corporation Retreem Retrem R	Consumer				EE							0	0	0	0	0	ρ	0		0	0 0	0	(0				22,100
main Applies Retrement Human Applie	Consumer		Bluewater Power Distribution Corporation	Residential	EE	2014	2014 Results Persistence	Current year savings	C		0	0	0	0	0	0	0	0		0	0 0	0	(0				7,258
main Applicability Busing Processing P	Consumer				EE	2014	2014 Results Persistence	Current year savings	0		0	0	0	0	0	0	0	0		0	0 0	0	(0				43,375
main 8-hand betair from 8-hand betair from <td>Consumer</td> <td></td> <td></td> <td></td> <td>EE</td> <td></td> <td></td> <td></td> <td>C</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0 0</td> <td>0</td> <td>(</td> <td>C</td> <td>49,827</td> <td>49,827</td> <td></td> <td>49,827</td>	Consumer				EE				C	0	0	0	0	0	0	0	0	0		0	0 0	0	(C	49,827	49,827		49,827
nummer Constraint free Mathematic Augen nobelet Hewater Power Databation Corporation Heisenber Power Databation Corpower PowereDatabation Corporation Heisenber Pow	Consumer	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation	Residential	EE	2014	2014 Results Persistence	Current year savings	30	2 2	1 2	24	24	24	0	0	0	0		0	0 0	0	(C				633,959
matrix	Consumer				EE				0			0	0	0	0	0	0	0		0	0 0	0	(152				125
maximal functional functin functiona functina functional functional functional functional					EE .				8		•	4	4	4	0	0	0	0		0	0 0	0	2 000	2 000				173,094
Image: State Processing State Procesing State Processing State Procesing State Processing State Proces					FF							0	0	0	0	0	0	0		0	0 0	0	2,008					
main HACL Conclusion Buewater Parce Distribution Corporation elected D Add Second Parce <					EE				1			1	1	1	1	0	ρ	0		0	0 0	0	(1,022				73.072
Mark Incentifies Buewater Power Distribution Corporation Residential EE Outer All Residence Survey (very savings) 19 199 199 199 <th< td=""><td>Consumer</td><td></td><td></td><td></td><td>DR</td><td></td><td></td><td></td><td>8</td><td>в</td><td>3</td><td>6</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0 0</td><td>0</td><td>(</td><td>13,357</td><td></td><td></td><td></td><td>13,357</td></th<>	Consumer				DR				8	в	3	6	0	0	0	0	0	0		0	0 0	0	(13,357				13,357
Nume Beakerial New Construction Buewater Power Distribution Corporation Beakerial New Construction Adjustment Adjustme	Consumer				EE	2014	2014 Results Persistence	Current year savings	199	9 19	9 19	99	175	0	0	0	0	0		0	0 0	0	(0				363,212
Backetial like Construction Bueaket Power Distribution Corporation Residential E Correct variange Carrent variange A A A					EE				1	1		0	0	0	0	0	0	0		0	0 0	0	985					985
Buewater Power Distribution Corporation Industrial EE Other All 2014 Beaults Presidence Current year swings C <thc< th=""> <thc< th=""> C C</thc<></thc<>	Consumer				EE	2013	2014 Results Persistence	Adjustment	1	1	1	0	0	0	0	0	0	0		0	0 0	0	(4,700				4,700
Inclusion Burnare Power Distribution Corporation Commendation Earning and an expension Carrent year analysis Carrent yea analysis Carrent yea analysis <t< td=""><td>Consumer</td><td></td><td></td><td></td><td>EE</td><td></td><td></td><td></td><td>4</td><td>4</td><td>4</td><td>4</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>0 0</td><td>0</td><td>(</td><td>C</td><td></td><td></td><td></td><td></td></t<>	Consumer				EE				4	4	4	4	0	0	0	0	0	0		0	0 0	0	(C				
ther Time-of-Lise Swings Bluewater Power Distribution Corporation Other DR 2014 2014 Results Persistence Current year savings 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Industrial				CC CC					1	1	U O	0	0	0	0	0	0	-	0	0 0	0		0		460,217	460,217	460,217
	Other				DB						1	0	0	0	0	0	0	0		0	0 0	0			337,000		0	
	Industrial		Bluewater Power Distribution Corporation	Industrial	DR	2014	2014 Results Persistence	Current year savings	0			0	0	0	0	0	0	0		0	0 0	0	0	0	0	0	0	C

Program	Initiative	LDC Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings													Net Verified	Annual Energ	çy Saving	gs at the En	d-User Lev	vel (kWh)		
							#	***	1	***	ŧ				****				1	1	Ĩ			1	1	ļ
Business	Demand Response 3	Bluewater Power Distribution Corporation Commercial	DR	201	4 2014 Results Persistence	Current year savings	#	#	#	#	#	-	=	=	=	-	=	-	-	-		- 0	-			
Industrial	Demand Response 3	Bluewater Power Distribution Corporation Industrial	DR		4 2014 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	0	0	0	0	0	0
Industrial	Energy Managers	Bluewater Power Distribution Corporation Industrial	EE		2 2014 Results Persistence		10	10	10	0	0	0	0	0	0	0	0	0		8,280	0	8,280	8,280	8,280	8,280	8,280
Other		Bluewater Power Distribution Corporation Commercial & Institutional	EE		2015 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	0	0	0	770,101	770,101	770,101
Consumer	Appliance Retirement Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	d l	0	0	62,028	62,028	62,028
Consumer	Coupon Initiative	Bluewater Power Distribution Corporation Residential	EE	201	2015 Results Persistence	Current year savings	18	18	7	7	7	7	0	0	0	0	0	0		0 0	ð l	0	0	322,695	319,758	319,758
Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence		31	31	12	12	12	12	0	0	0	0	0	0		0 0	ð l	0	0	596,157	585,562	585,562
Consumer	HVAC Incentives Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2015 Results Persistence		204	204	204	204	184	0	0	0	0	0	0	0		0 0	3	0	0	387,380	387,380	387,380
Business	Efficiency: Equipment Replacement Incentive I	Bluewater Power Distribution Corporation Commercial & Institutional	EE	201	5 2015 Results Persistence	Current year savings	139	108	51	51	51	51	0	0	0	0	0	0		0 0	a	0	0	5,333,302	5,333,302	5,298,190
Business	Direct Install Lighting and Water Heating Initiati	Bluewater Power Distribution Corporation Commercial & Institutional	EE	201	5 2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0		0 0	3	0	0	278,584	239,362	167,643
Industrial		Bluewater Power Distribution Corporation Industrial	EE	201			0	0	0	0	0	0	0	0	0	0	0	0		0 0	<i>a</i>	0	0	164,500	164,500	164,500
Industrial	Process and Systems Upgrades Initiatives - Ener	Bluewater Power Distribution Corporation Industrial	EE	201	5 2015 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0		0 0	3	0	0	22,293	22,293	22,293
Other	Low Income Initiative	Bluewater Power Distribution Corporation Residential	EE	201	5 2015 Results Persistence	Current year savings	1	1	1	1	1	1	0	0	0	0	0	0		0 0	۵	0	0	45,402	41,348	40,659
Consumer	Coupon Initiative	Bluewater Power Distribution Corporation Commercial & Institutional	EE		5 2016 Results Persistence		3	3	2	2	2	2	0	0	0	0	0	0		0 0	3	0	0	53,894	53,119	53,119
Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2016 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 (2	0	0	6,166	6,094	6,094
Consumer	HVAC Incentives Initiative	Bluewater Power Distribution Corporation Residential	EE		5 2016 Results Persistence		2	2	2	2	2	0	0	0	0	0	0	0		0 0	1	0	0	3,351	3,351	3,351
Business		Bluewater Power Distribution Corporation Commercial & Institutional	EE		5 2016 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 (2	0	0	145,800	145,800	145,800
Business		Bluewater Power Distribution Corporation Commercial & Institutional	EE		5 2016 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	1	0	0	60,323	60,323	60,323
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	EE		6 2016 Results Persistence		171	148	148	67	0	0	0	0	0	0	0	0		0 0	3	0	0	0	2,743,154	2,743,154
Consumer		Bluewater Power Distribution Corporation Residential	EE	2010			176	176	176	176	176	160	0	0	0	0	0	0		0 0	3	0	0	0	595,981	595,981
Consumer	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE		6 2016 Results Persistence		1	1	1	1	1	1	1	0	0	0	0	0		0 (2	0	0	0	13,474	13,474
Business	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation Commercial & Institutional	EE		6 2016 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	3	0	0	0	13,143	13,143
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional	EE	2010	6 2016 Results Persistence	Current year savings	19	11	0	0	0	0	0	0	0	0	0	0		0 0	3	0	0	0	2,169,223	2,146,732
Business	Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation Commercial & Institutional	EE	2010	6 2016 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0		0 0	3	0	0	0	57,856	57,856
Consumer		Bluewater Power Distribution Corporation Residential	EE	2010			0	0	0	0	0	0	0	0	0	0	0	0		0 0	3	0	0	0	258	258
Business		Bluewater Power Distribution Corporation Commercial & Institutional	EE	201			3	3	3	3	3	3	0	0	0	0	0	0		0 (2	0	0	68,061	68,061	103,174
Business		Bluewater Power Distribution Corporation Commercial & Institutional	EE		5 2017 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	1	0	0	-122,373	-83,151	-11,432
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	EE		6 2017 Results Persistence		19	16	16	7	0	0	0	0	0	0	0	0		0 0	4	0	0	0	296,781	296,781
Consumer		Bluewater Power Distribution Corporation Residential	EE		6 2017 Results Persistence		2	2	2	2	2	2	0	0	0	0	0	0		0 (4	0	0	0	6,793	6,793
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional	EE	2016			49	12	0	0	0	0	0	0	0	0	0	0		0 0	1	0	0	0	2,592,647	2,615,138
Business		Bluewater Power Distribution Corporation Commercial & Institutional	EE	2010			0	0	0	0	0	0	0	0	0	0	0	0		0 (1	0	0	0	9,636	9,636
Industrial	Save on Energy Energy Manager Program	Bluewater Power Distribution Corporation Industrial	EE		6 2017 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0		0 (4	0	0	0	835	835
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	EE		2017 Results Persistence		174			150	20	0	0	0	0	0	0	0		0 0	4	0	0	0	0	3,302,399
Consumer	Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation Residential	EE		7 2017 Results Persistence 7 2017 Results Persistence		129	109	109 149			149	135	0	0	0	0	0		0 0	4	0	0	0	0	2,724,036
Consumer		Bluewater Power Distribution Corporation Residential	EE		7 2017 Results Persistence 7 2017 Results Persistence		149	149	149	149	149	149	135	0	0	0	0	0		0 0	4	0	0	0	0	513,769
	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation Residential	EE				2	Z (2	2	2	2	2	2	0	U	0	U			4	0	0	0		130.667
Business Business	Save on Energy Audit Funding Program Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	FF		7 2017 Results Persistence 7 2017 Results Persistence		64	47	0	0	0	0	0	0	0	0	0	0		0 0	4	0	0	0	0	130,667
Business		Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Commercial & Institutional	FF		7 2017 Results Persistence 7 2017 Results Persistence		64	1/	9	0	0	0	0	0	0	U	U	U		u u	-	U	0	0		3,248,461 63,401
Industrial		Bluewater Power Distribution Corporation Commercial & Institutional Bluewater Power Distribution Corporation Industrial	EE C		2017 Results Persistence 2017 Results Persistence		2	0	0	0	0	0	0	0	0	0	0	0			4	0	0	0	0	65,401
Consumer	Instant Savings Local Program	Bluewater Power Distribution Corporation	FF		7 2017 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0		0 0	4	0	0	0	0	519.685
Consumer	Whole Home Pilot Program	Bluewater Power Distribution Corporation	FF		7 2017 Results Persistence		12	12	12	11	11	11	10	7	0	0	0	0		0 0	-	0	0			63.082
Business	Ontario Clean Water Agency P4P Conservation				7 2017 Results Persistence								10	,	0	0	0	0		0		0	0	0		64,997
Consumer		Bluewater Power Distribution Corporation Residential	EE	2018		Current year savings		-						0							+					04,557
Consumer		Bluewater Power Distribution Corporation Residential	FF	2018		Current year savings															+					
Consumer		Bluewater Power Distribution Corporation Residential	FF	2018	R	Current year savings															+			-	-	-
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional	FF	2018		Current year savings															+			-	-	-
Business	Save on Energy Small Business Lighting Program		EE	2018		Current year savings																				
Business		Bluewater Power Distribution Corporation Commercial & Institutional	EE	2018		Current year savings																	-			
Consumer	Instant Savings Program	Bluewater Power Distribution Corporation Commercial & Institutional	EE	2018		Current year savings																	-			
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional	2016 Adi	2018		Adjustment																			10.978	11,074
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation Residential	2017 Adj.	2018		Adjustment																	-			4,057
Consumer		Bluewater Power Distribution Corporation Residential	2017 Adj.	2018		Adjustment																				36,976
Consumer	Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Commercial & Institutional	2017 Adj.	2018	В	Adjustment																				7,411
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional	2017 Adj.	2018	В	Adjustment																				1,389,819
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional		2019		Current year savings																				
Business	PSUP	Bluewater Power Distribution Corporation Commercial & Institutional		2019		Current year savings																				
Consumer		Bluewater Power Distribution Corporation Residential			9 2018 Results Persistence																					
Business	Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation Commercial & Institutional			9 2018 Results Persistence																4					
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation Commercial & Institutional		2020																	4					
Business	PSUP	Bluewater Power Distribution Corporation Commercial & Institutional		2020	0																4			_		
																					4					
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ntario Energy Board

Supporting Documen

LDC Persistence Savings Res

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 IESO. Please copy and paste the program information by initiative in

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

3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be do 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identif

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

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

fied Program Results and Persistence into Future Years

	Im Results and Persistence into Futur	e rears																						
#1 Program	Initiative	LDC Sect	tor	Conservation	#3 (Implementation)	#2 Identify Source of	#4 Identify Status of																	
Frogram	initiative	Jet Set		Resource Type	Year	Report	Savings																	
								-	-			-	-		-	-	-	I		-	1	1	I	I
Consumer	Appliance Exchange	Bluewater Power Distribution Corporation Resi	idential	EE	2011	2011 Results Persistence	Current year savings																	
	Appliance Retirement	Bluewater Power Distribution Corporation Resi		EE		2011 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Resi		EE	2011	2011 Results Persistence	Current year savings	116,931	151,125	48,495	17,461	15,371	15,371	11,352	11,352	10,314	0	0	0	0	0	0	0	0
	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Resid		EE	2011	2011 Results Persistence	Current year savings	78,556	99,061	37,516	12,126	9,888	9,888	9,111	9,111	8,856	0	0	0	0	0	0	0	0
	HVAC Incentives	Bluewater Power Distribution Corporation Resid Bluewater Power Distribution Corporation Com		EE		2011 Results Persistence 2011 Results Persistence		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	0	0	0	0
	Direct Install Lighting	Bluewater Power Distribution Corporation Com Bluewater Power Distribution Corporation Com		FF		2011 Results Persistence 2011 Results Persistence		30.465	30,465	30,465	25.964	25.964	0	0	0	0	0	0	0	0	0	0	0	0
	Retrofit	Bluewater Power Distribution Corporation Com		EE	2011			325,703	210,011	210,011	210,011	210,011	37,217	37,217	0	0	0	0	0	0	0	0	0	0
Industrial	Demand Response 3	Bluewater Power Distribution Corporation Indu		DR	2011	2011 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	Retrofit	Bluewater Power Distribution Corporation Indu		EE	2011		Current year savings	156,003	156,003	156,003	156,003	156,003	0	0	0	0	0	0	0	0	0	0	0	0
	Electricity Retrofit Incentive Program	Bluewater Power Distribution Corporation Com		EE		2011 Results Persistence		3,122,745	3,122,745	3,122,745	3,122,745	3,122,745	3,122,745	0	0	0	0	0	0	0	0	0	0	3 379
	High Performance New Construction Direct Install Lighting	Bluewater Power Distribution Corporation Com Bluewater Power Distribution Corporation C&I		EE CC	2011	2011 Results Persistence 2012 Results Persistence	Current year savings	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379	3,379
	Retrofit	Bluewater Power Distribution Corporation C&I		FF		2012 Results Persistence		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	39,567	39,567	39.567	0	0	0
	Appliance Exchange	Bluewater Power Distribution Corporation Resi		EE		2012 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Resi	idential	EE		2012 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Resi		EE		2012 Results Persistence		86,267	86,088	86,088	43,726	32,450	31,442	31,442	29,247	29,247	28,847	8,094	8,094	8,094	8,094	0	0	0
	Conservation Instant Coupon Booklet HVAC Incentives	Bluewater Power Distribution Corporation Resid Bluewater Power Distribution Corporation Resid		EE CC	2012	2012 Results Persistence 2012 Results Persistence	Current year savings	4,190 351,058	4,167 351,058	4,167	4,167	677 351,058	545 351,058	545 351,058	468 351,058	468 351,058	451 351,058	0 351,058	0 351,058	0 307 437	0	0	0	0
	HVAC Incentives Home Assistance Program	Bluewater Power Distribution Corporation Resil Bluewater Power Distribution Corporation Resil		FF		2012 Results Persistence 2012 Results Persistence		28,761	351,058	351,058	351,058	351,058	351,058	351,058	351,058	351,058	351,058	351,058	351,058	307,437	1.266	1.266	0	0
	Demand Response 3	Bluewater Power Distribution Corporation Indu		DR		2012 Results Persistence		10,701	10,701	11,323	11,323	14,032	0	0	0	1,032	0.00	1,100	1,200	1,100	1,200	1,200	0	0
	High Performance New Construction	Bluewater Power Distribution Corporation C&I		EE		2012 Results Persistence		825,446	825,446	825,446	825,446	825,446	825,446	0	0	0	0	0	0	0	0	0	0	C
Business		Bluewater Power Distribution Corporation C&I		DR	2012	2012 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Residential New Construction	Bluewater Power Distribution Corporation Resid		EE		2012 Results Persistence		362	362	362	362	362	362	150	150	150	47	47	47	0	0	0	0	0
Industrial	Demand Response 3	Bluewater Power Distribution Corporation Indu	ustrial	DR			Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business	Demand Response 3 Retrofit	Bluewater Power Distribution Corporation Busi		DR	2012	2012 Results Persistence	Current year savings	727	727	727	252	257	0	0	0	0	0	0	0		0		0	0
Business Business	Direct Install Lighting	Bluewater Power Distribution Corporation C&I Bluewater Power Distribution Corporation C&I		EE		2012 Results Persistence 2012 Results Persistence		3 336	3 336	3.336	2 927	2 9 2 7	0	0	0	0	0	0	0	0	0	0	0	0
	HVAC Incentives	Bluewater Power Distribution Corporation Resi		EE		2012 Results Persistence		-86,283	-86,283	-86,283	-86,283	-86,283	-86,283	-86,283	-86,283	-86,283	-86,283	-86,283	-79,278	0	0	0	0	0
	Bi-Annual Retailer Event	Bluewater Power Distribution Corporation Resi	idential	EE	2011	2012 Results Persistence	Adjustment	6,919	6,919	1,526	1,282	1,178	1,178	977	977	976	0	0	0	0	0	0	0	0
	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Resi		EE		2012 Results Persistence		997	997	353	159	116	116	104	104	103	0	0	0	0	0	0	0	0
	DR-3	Bluewater Power Distribution Corporation Com	nmercial & Institutional	DR		2013 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business	Retrofit Retrofit	Bluewater Power Distribution Corporation Com Bluewater Power Distribution Corporation Com		EE		2013 Results Persistence 2013 Results Persistence		202,119	202,119	188,011	181,650	167,652	167,652	1,064	1,064	1,064	761 361 438	304 152	36.016	28 128	28 128	28 128	0	0
Business	Small Business Lighting	Bluewater Power Distribution Corporation Com Bluewater Power Distribution Corporation Com		EE		2013 Results Persistence		2.816	2.816	2.816	2.816	2.619	2,619	000,393	333,343	301,438	301,430	304,132	30,010	20,120	20,120	20,120	0	0
Business	Small Business Lighting	Bluewater Power Distribution Corporation Com		EE		2013 Results Persistence		147,009	147,009	147,009	147,009	147,009	138,535	110,295	0	0	0	0	0	0	0	0	0	0
Consumer	Annual Coupons	Bluewater Power Distribution Corporation Resi	idential	EE		2013 Results Persistence		40,560	40,560	40,527	29,470	29,470	26,795	26,414	26,414	26,305	26,305	26,283	25,471	14,951	14,951	14,951	0	0
	Appliance Exchange	Bluewater Power Distribution Corporation Resid		EE		2013 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Appliance Retirement Bi-Annual Retailer Events	Bluewater Power Distribution Corporation Resil Bluewater Power Distribution Corporation Resil		EE		2013 Results Persistence 2013 Results Persistence		0 81.480	81.480	81.384	68.439	0 68.439	0 59,553	0 38.287	38.287	0 36.266	0 36.266	36.007	0 31.080	0 18.243	18.243	18.243	0	0
	Home Assistance Program	Bluewater Power Distribution Corporation Resil Bluewater Power Distribution Corporation Resil		66		2013 Results Persistence		241,052	236,001	234,304	106,397	103,170	93,634	38,287	38,287 85,327	30,200	36,206	12,628	12,628	18,243	18,243	18,243	12.628	0
Consumer		Bluewater Power Distribution Corporation Resi		EE		2013 Results Persistence		1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,655	0	0	0	0
Consumer	HVAC	Bluewater Power Distribution Corporation Resi	idential	EE	2013	2013 Results Persistence	Current year savings	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	280,188	236,896	0	0	0
Industrial		Bluewater Power Distribution Corporation Indu		DR		2013 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	DR-3	Bluewater Power Distribution Corporation Indu		DR		2013 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Resid Bluewater Power Distribution Corporation Resid		EE		2013 Results Persistence 2013 Results Persistence		54	54	54	54	54	54	54	54	54	54	54	54	50	0	0	0	0
Business	Direct Install Lighting	Bluewater Power Distribution Corporation Com		EE		2014 Results Persistence		448.199	448,199	448,199	448,057	448.057	448,057	442,892	121,850	0	0	0	0	0	0	0	0	C
Business	Energy Audit	Bluewater Power Distribution Corporation Com	mmercial	EE	2013	2014 Results Persistence	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	High Performance New Construction	Bluewater Power Distribution Corporation Com		EE		2014 Results Persistence		16,375	16,375	16,375	16,375	16,375	6,347	6,347	6,347	6,347	6,347	0	0	0	0	0	0	0
Business	Retrofit	Bluewater Power Distribution Corporation Com		EE		2014 Results Persistence		75,703	75,703	71,470	67,336	48,667	48,667	27,316	3,453	3,453	3,142	2,362	2,362	2,362	2,362	0	0	0
Business	Retrofit Retrofit	Bluewater Power Distribution Corporation Com Bluewater Power Distribution Corporation Com		FF		2014 Results Persistence 2014 Results Persistence		276,577	276,577	275,051	274,207	274,207	253,529	240,872	18,758	8,827 962 421	8,827	8,827 892 485	5,456	4,646	4,646	4,646		0
	Appliance Exchange	Bluewater Power Distribution Corporation Resi		EE	2014	2014 Results Persistence 2014 Results Persistence	Current year savings	2,110,746	2,110,746	2,095,000	2,095,000	1,052,003	1,750,789	1,447,450	1,235,409	502,421	074,485	072,485	410,558	30,570	30,370	30,370	30,370	0
	Appliance Retirement	Bluewater Power Distribution Corporation Resi	idential	EE		2014 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Resi		EE	2014	2014 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Appliance Retirement	Bluewater Power Distribution Corporation Resid		EE		2014 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer	Appliance Retirement	Bluewater Power Distribution Corporation Resi		EE		2014 Results Persistence		49,827	0	0	0	0	0	0	0	0	0 477 572	0 477 572	0	0	0 387 686	0	0	0
	Bi-Annual Retailer Event Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Resil Bluewater Power Distribution Corporation Resil		EE EE		2014 Results Persistence 2014 Results Persistence		633,959	633,959	633,959	633,685	633,685	589,362	572,972	484,510	484,510	477,572	477,572	476,897	387,686	387,686	387,686	387,686	0
	Conservation Instant Coupon Booklet	Bluewater Power Distribution Corporation Resil Bluewater Power Distribution Corporation Resil		EE		2014 Results Persistence		173,094	173,094	173,094	105	105	148,470	137,640	136,023		135,260	135,260	135,109	60,137	60,137			0
	Home Assistance Program	Bluewater Power Distribution Corporation Resid		EE	2012	2014 Results Persistence	Adjustment	1,380	1,380	1,380	154	0	0	0	0	0	0	0	0	0	0	0	0	C
Home Assista	Home Assistance Program	Bluewater Power Distribution Corporation Resi	idential	EE		2014 Results Persistence		1,896	1,896	1,896	901	901	789	789	789	789	114	0	0	0	0	0	0	0
	Home Assistance Program	Bluewater Power Distribution Corporation Resid		EE			Current year savings	71,137	71,137	68,951	68,013	31,982	31,552	30,418	30,418	26,247	26,247	7,413	4,431	4,431	4,431	4,431	4,431	4,431
	HVAC Incentives	Bluewater Power Distribution Corporation Resid		DR		2014 Results Persistence		13,357	13,357 363.212	13,357 363.212	13,357 363.212	13,357 363.212	13,357 363.212	13,357	13,357	13,357 363.212	13,357 363.212	13,357	13,357	13,357	11,743 363.212	0	0	0
	HVAC Incentives Residential New Construction	Bluewater Power Distribution Corporation Resid Bluewater Power Distribution Corporation Resid		FF		2014 Results Persistence 2014 Results Persistence		363,212	363,212	363,212	363,212	363,212	363,212	363,212 985	363,212	363,212	363,212	363,212	363,212	363,212	363,212	341,336	0	0
	Residential New Construction	Bluewater Power Distribution Corporation Resil		EE		2014 Results Persistence		4,700	4,700	4,700	4,700	4,700	4,700	4,700	3,615	2,531	2,531	2,531	2,531	2,531	0	0	0	0
Consumer	Residential New Construction	Bluewater Power Distribution Corporation Resin		EE		2014 Results Persistence		2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	2,546	0	0	C
	PSUI	Bluewater Power Distribution Corporation Indu		EE		2014 Results Persistence	Current year savings	460,217	460,217	460,217	460,217	460,217	460,217	0	0	0	0	0	0	0	0	0	0	0
Industrial																								
Industrial Other	LDC Pilots	Bluewater Power Distribution Corporation Com	nmercial	EE	2014	2014 Results Persistence		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Other Other			nmercial er	EE DR	2014 2014	2014 Results Persistence 2014 Results Persistence 2014 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Program	Initiative	LDC	Sector	Conservation		dentify Source of	Identify Status of																	
				Resource Type	Year F	eport	Savings																	
								-	*****			-	*****									ımı	****	****
Business	Demand Response 3	Bluewater Power Distribution Corporation	Commercial	DR	2014 2	014 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Demand Response 3	Bluewater Power Distribution Corporation		DR		014 Results Persistence	Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Other	Energy Managers Loblaw P4P Conservation Fund Pilot Program	Bluewater Power Distribution Corporation		EE		014 Results Persistence	Adjustment	8,280 770.101	8,280	8,280 770.101	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	0	0	0
Other Consumer	Appliance Retirement Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		EE		015 Results Persistence 015 Results Persistence	Current year savings Current year savings	61,193	770,101 30,523	770,101	//0,101	//0,101	770,101	770,101	0	0	0	0	0	0	0	0	0	0
	Coupon Initiative	Bluewater Power Distribution Corporation		EE	2015 2	015 Results Persistence	Current year savings	319,758	319,758	319,758	319,758	319.689	319.689	319.689	294,941	293.870	293.870	292.853	292.853	292.726	109.412	109.412	109.412	109,412
Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation	Residential	EE		015 Results Persistence	Current year savings	585,562	585,562	585,562	585,562	585,255	585,255	585,255	539,689	511,901	511,901	500,890	500,890	499,723	185,129	185,129	185,129	185,129
Consumer	HVAC Incentives Initiative	Bluewater Power Distribution Corporation	Residential	EE	2015 2	015 Results Persistence	Current year savings	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380	387,380		0
Business	Efficiency: Equipment Replacement Incentive I			EE		015 Results Persistence	Current year savings	5,298,190	5,298,190	5,298,190	5,252,067	5,252,067	5,087,206	4,874,162	3,913,369	3,476,202	817,957	705,979	705,979	511,737	136,197	136,197	136,197	136,197
Business	Direct Install Lighting and Water Heating Initiation			EE		015 Results Persistence	Current year savings	167,643	167,643	167,643	167,643	167,643	167,643	167,643	166,147	38,934	0	0	0	0	0	0	0	0
Industrial Industrial	Process and Systems Upgrades Initiatives - Proje Process and Systems Upgrades Initiatives - Ener			EE		015 Results Persistence 015 Results Persistence	Current year savings	164,500 22,293	164,500 22,293	164,500 22,293	164,500 22,293	164,500 22,293	164,500 20,201	164,500 20.201	0	0	0	0	0	0	0	0	0	0
Other	Low Income Initiative	Bluewater Power Distribution Corporation	Peridential	EE		015 Results Persistence	Current year savings	39,969	39,900	39,900	39,900	39,300	32.870	32,484	32.275	32.275	32.044	32.044	4 776	4,570	4 570	4 570	4,570	4,570
Consumer	Coupon Initiative	Bluewater Power Distribution Corporation	Commercial & Institutional	EE		016 Results Persistence	Adjustment	53,119	53,119	53,119	53,119	53,097	53,097	53,097	51,777	51,719	51,719	51,600	51,600	51,506	26,693	26,693		26,693
Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation		EE		016 Results Persistence	Adjustment	6,094	6,094	6,094	6,094	6,079	6,079	6,079	5,156	5,113	5,113	4,956	4,956	4,938	2,063	2,063		2,063
Consumer	HVAC Incentives Initiative	Bluewater Power Distribution Corporation		EE		016 Results Persistence	Adjustment	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,351	3,223	0
Business	Efficiency: Equipment Replacement Incentive I			EE		016 Results Persistence	Adjustment	145,800	145,800	145,800	143,469	143,469	143,469	133,595	123,932	123,932	0	0	0	0	0	0	0	0
Business	Existing Building Commissioning Incentive Initial Save on Energy Coupon Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		EE CC		016 Results Persistence 016 Results Persistence	Adjustment Current year savings	60,323 2.743.154	60,323	60,323	60,323	60,323 2.743.154	60,323	60,323 2.742.762	2 731 209	2 700 043	2 698 526	2 698 526	2 684 769	2 322 815	2 322 815	1 061 276	0	0
Consumer	Save on Energy Coupon Program Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation		EE		016 Results Persistence	Current year savings	2,743,154	2,743,154	2,743,154	2,743,154	2,743,154	2,742,762	2,742,762	2,731,209	2,700,043	2,098,520	2,698,526	2,684,769	2,322,815	2,322,815		595.981	591 724
Consumer	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation	Residential	EE		016 Results Persistence	Current year savings	13,474	13,474	13,474	13,359	13,359	13,359	13,359	12,030	12,030	12,030	11,847	11,847	11,847	11,847	11,847		
Business	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation		EE		016 Results Persistence	Current year savings	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	3,245	0	0	0	0	0	0	0	0
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation		EE		016 Results Persistence	Current year savings	2,146,732	2,146,732	2,146,732	2,146,732	2,146,732	2,146,732	2,136,611	2,136,611	2,123,465	1,881,103	235,344	235,344	51,271	0	0	0	0
Business	Save on Energy Small Business Lighting Program			EE		016 Results Persistence	Current year savings	57,856	57,856	57,856	44,408	457	0	0	0	0	0	0	0	0	0	0	0	0
Consumer Business	Home Depot Home Appliance Market Uplift Cor Efficiency: Equipment Replacement Incentive I			EE		016 Results Persistence 017 Results Persistence	Current year savings Adjustment	258 103.889	258 103.889	258	258 152.343	258 152.343	258	258	258	258	258 86,495	258 10.293	258	162 10.293	162	162	162	0
Business	Efficiency: Equipment Replacement incentive I Direct Install Lighting and Water Heating Initiatio		Commercial & Institutional	EE EE		017 Results Persistence	Adjustment	103,889	103,889	103,889	152,343	152,343	317,003	305,779	201,478	5,732	80,495	10,293	10,293	10,293	10,293	10,293	10,293	10,293
Consumer	Save on Energy Coupon Program			EE		017 Results Persistence	Adjustment	296,781	296,781	296,781	296,781	296,781	296,756	296,756	297.186	297.364	297.641	297.641	296.870	257.166	257,166	106.875	0	0
Consumer	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation		EE	2016 2	017 Results Persistence	Adjustment	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,793	6,697
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation		EE		017 Results Persistence	Adjustment	2,845,850	2,845,850	2,845,850	2,799,381	2,799,381	2,799,381	2,795,897	2,795,897	2,775,506	1,210,256	184,920	184,920	43,361	0	0	0	0
Business	Save on Energy Small Business Lighting Program			EE		017 Results Persistence	Adjustment	9,636	9,636	9,636	9,622	9,579	9,579	9,579	8,397	8,316	8,316	665	0	0	0	0	0	0
Industrial Consumer	Save on Energy Energy Manager Program Save on Energy Coupon Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		EE CC		017 Results Persistence 017 Results Persistence	Adjustment Current year savings	2.649.493	835 2.649.493	835 2.649.493	2 649 493	835 2.649.493	835	835	2 649 468	835 2.643.701	2.594.722	2.594.343	2 594 343	2.594.164	2.239.411	2.239.411	207 222	0
Consumer	Save on Energy Instant Discount Program			FF		017 Results Persistence	Current year savings	1,972,715	1,972,715	1,972,715	1,972,715	1,972,715	1,972,715	1,972,677	1 972 677	1,972,677	1,936,762	1,933,386	1 933 386	1,632,484	1.632.484	1.264.433		0
	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation		EE		017 Results Persistence	Current year savings	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769	513,769		513,769	513,769
Consumer	Save on Energy Home Assistance Program			EE		017 Results Persistence	Current year savings	65,722	65,722	65,722	65,722	65,722	65,722	65,722	65,722	65,608	26,732	26,732	26,468	26,468	25,311	25,311	25,311	25,311
Business	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation		EE	2017 2	017 Results Persistence	Current year savings	130,667	130,667	130,667	130,667	130,667	130,667	130,667	130,667	112,855	0	0	0	0	0	0	0	0
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional Commercial & Institutional	EE		017 Results Persistence	Current year savings	3,431,569 63,401	3,431,569 63,401	3,431,569 62,253	3,431,569	3,349,094 29,406	3,349,094 14,773	3,349,094	3,299,116 14,773	3,299,116	3,198,304	2,419,743	744,368	563,680	136,101	0	0	0
Business Industrial	Save on Energy Small Business Lighting Program Save on Energy Energy Manager Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation		EE EE		017 Results Persistence 017 Results Persistence	Current year savings Current year savings	65,440	65,440	62,253	41,542	29,406	14,773	14,773	14,773	14,773	14,773	13,549	4,321	0	0	0	0	0
Consumer	Instant Savings Local Program	Bluewater Power Distribution Corporation	in a data fait	EE		017 Results Persistence		519,685	519,685	519,685	519,685	519,685	519,685	519,685	519,685	519,685	0	0	0	0	0	0	0	0
Consumer	Whole Home Pilot Program	Bluewater Power Distribution Corporation		EE	2017 2	017 Results Persistence	Current year savings	63,082	63,082	63,082	62,522	60,848	60,848	60,848	60,848	60,848	60,848	60,636	60,636	60,636	60,636	60,299	60,299	60,092
Business	Ontario Clean Water Agency P4P Conservation I			EE	2017 2	017 Results Persistence	Current year savings	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	64,997	0	0	0
Consumer	Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation	Residential	EE	2018		Current year savings	248,836	248,836	248,836														
Consumer Consumer	Save on Energy Instant Discount Program Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential Residential	EE EE	2018		Current year savings Current year savings	1,167,569 44,471	1,162,770 44.471	1,157,971 44.471														
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2018		Current year savings	4,611,251	4,599,849	4,588,448														
Business	Save on Energy Small Business Lighting Program		Commercial & Institutional	EE	2018		Current year savings	15,117	12,418	9,720														
Business	Save on Energy Existing Building Commissioning	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2018		Current year savings	61,809	61,809	61,809														
Consumer	Instant Savings Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2018		Current year savings	354,596	354,596	354,596														
Business Consumer	Save on Energy Retrofit Program Save on Energy Coupon Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Residential	2016 Adj 2017 Adj	2018		Adjustment Adjustment	12,050	12,050	12,050														
Consumer	Save on Energy Coupon Program Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	2017 Adj. 2017 Adj.	2018		Adjustment	3,255	36,976	3,255														
Consumer	Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation		2017 Adj.	2018		Adjustment	7,411	7,411	7,411														
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation		2017 Adj.	2018		Adjustment	1,468,159	1,468,159	1,468,159														
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation			2019		Current year savings		3,346,857	3,346,857	3,330,123													
	PSUP	Bluewater Power Distribution Corporation	Commercial & Institutional		2019	040 D	Current year savings		3,592,070	3,592,070	3,592,070													
Consumer Business	Save on Energy Heating and Cooling Program Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation	Residential Commercial & Institutional	+		018 Results Persistence 018 Results Persistence	Current year savings Current year savings			6,300 27,439	6,300 24,160													
Business	Save on Energy Small Business Lighting Program Save on Energy Retrofit Program	Bluewater Power Distribution Corporation		1	2019 2	vao nebulo recontênce	con ent year savings			27,439	24,100													
Business	PSUP	Bluewater Power Distribution Corporation		1	2020																			
		*																						
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Supporting Documen LDC Persistence Savings Res

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 IESO. Please copy and paste the program information by initiative in

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

3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be do

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

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

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables fied Program Results and Persistence into Future Years

Program Initiative LDC Sector Conservation (Implementation) Year Identify Source of Identify Status of Savings Resource Type leport Consumer Appliance Exchange Bluewater Power Distribution Corporation Residential 2011 2011 Results Persistence Current year savings Consumer Appliance Retirement Bluewater Power Distribution Corporation Residential 2011 2011 Results Persistence Current year savings Consumer Bi-Annual Retailer Event Consumer Conservation Instant Coupon Booklet Bluewater Power Distribution Corporation Residential 2011 2011 Results Persistence Current year saving Bluewater Power Distribution Corporation Residential 2011 2011 Results Persistence Current year savings Consumer HVAC Incentives Bluewater Power Distribution Corporation Residential 2011 2011 Results Persistence Current year saving Business Demand Response 3 (part of the Industrial prog Bluewater Power Distribution Corporation Commercial & Institutional Business Direct Install Lighting Bluewater Power Distribution Corporation Commercial & Institutional 2011 2011 2011 Results Persistence Current year savings 2011 Results Persistence Current year savings Business Retrofit Bluewater Power Distribution Corporation Commercial & Institutional E 2011 2011 Results Persistence Current year savings Industrial Demand Response 3 Bluewater Power Distribution Corporation Industrial 2011 2011 Results Persistence Current year sav Industrial Retrofit Pre-2011 Prog Electricity Retrofit Incentive Program sewater Power Distribution Corporation Industrial 2011 Results Persistence Current year saving 2011 Bluewater Power Distribution Corporation Commercial & Institutional 2011 2011 Results Persistence Current year savings Pre-2011 Prog High Performance New Construction Business Direct Install Lighting Business Retrofit Bluewater Power Distribution Corporation Commercial & Institutional 2011 2011 Results Persistence Current year savi 3,379 3,379 Bluewater Power Distribution Corporation C&I 2012 Results Persistence Current year savin 2012 2012 2012 Results Persistence Current year savings Bluewater Power Distribution Corporation C&I Consumer Appliance Exchange Consumer Appliance Retirement Bluewater Power Distribution Corporation Residential 2012 2012 Results Persistence Current year savin Bluewater Power Distribution Corporation Residential 2012 2012 Results Persistence Current year sa Consumer Bi-Annual Retailer Event Bluewater Power Distribution Corporation Residential 2012 2012 Results Persistence Current year savings Consumer Conservation Instant Coupon Booklet Bluewater Power Distribution Corporation Residential 2012 2012 Results Persistence Current year saving Consumer HVAC Incentives Bluewater Power Distribution Corporation Residential 2012 2012 Results Persistence Current year saving: Home Assistar Home Assistance Program Bluewater Power Distribution Corporation 2012 2012 Results Persistence Current year savings Industrial Demand Response 3 Bluewater Power Distribution Corporation Industrial 2012 2012 Results Persistence Current year savings Pre-2011 Prog High Performance New Construction Bluewater Power Distribution Corporation C&I 2012 2012 Results Persistence Current year savings Business Demand Response 3 (part of the Industrial prog Bluewater Power Distribution Corporation C&I Consumer Residential New Construction Bluewater Power Distribution Corporation Resi 2012 2012 Results Persistence Current year say 2012 Results Persistence Current year saving Bluewater Power Distribution Corporation Industrial Industrial Demand Response 3 2012 2012 Results Persistence Current year savings Business Demand Response 3 Bluewater Power Distribution Corporation Business 2012 2012 Results Persistence Current year sa Business Retrofit Business Direct Install Lighting uewater Power Distribution Corporation C&I uewater Power Distribution Corporation C&I 2011 2012 Results Persistence Adjustment 2011 2012 Results Persistence Adjustment Consumer HVAC Incentives Consumer Bi-Annual Retailer Event Bluewater Power Distribution Corporation Residential 2011 2012 Results Persistence Adjustment Bluewater Power Distribution Corporation Residential 2011 2012 Results Persistence Adjustment 2011 2012 Results Persistence Adjustment Consumer Conservation Instant Coupon Booklet Business DR-3 Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Commercial & Institutional 2013 2013 Results Persistence Current year savin Business Retrofit Bluewater Power Distribution Corporation Commercial & Institutional 2012 2013 Results Persistence Adjustment Business Retrofit Business Small Business Lighting Business Small Business Lighting Bluewater Power Distribution Corporation Commercial & Institutional 2013 2013 Results Persistence Current year savings Bluewater Power Distribution Corporation Commercial & Institutional 2012 2013 Results Persistence Adjustment 2013 2013 Results Persistence Current year savings Bluewater Power Distribution Corporation Commercial & Institutional Consumer Annual Coupons Bluewater Power Distribution Corporation Residential 2013 2013 Results Persistence Current year savings Consumer Appliance Exchange Bluewater Power Distribution Corporation Residential 2013 2013 Results Persistence Current year savings Consumer Appliance Exchange Consumer Appliance Retirement Consumer Bi-Annual Retailer Events Consumer Home Assistance Program Consumer HVAC Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential 2013 2013 Results Persistence Current year savings Bluewater Power Distribution Corporation Residential Bluewater Power Distribution Corporation Residential 2012 2013 Results Persistence Adjustmen nsumer HVAC 2013 Results Persistence Current year saving Bluewater Power Distribution Corporation Residential 2013 Industrial DR-3 2013 2013 Results Persistence Current year savings Bluewater Power Distribution Corporation Industrial Industrial DR-3 Bluewater Power Distribution Corporation Industrial 2013 2013 Results Persistence Current year savings Consumer Appliance Retirement Bluewater Power Distribution Corporation Residential 2013 2013 Results Persistence Current year savings Consumer HVAC Bluewater Power Distribution Corporation Residential 2012 2013 Results Persistence Adjustmen Business Direct Install Lighting Bluewater Power Distribution Corporation Commercia 2014 2014 Results Persistence Current year saving Business Energy Audit Bluewater Power Distribution Corporation Commercial 2013 2014 Results Persistence Adjustment Business High Performance New Construction Bluewater Power Distribution Corporation Commercial 2013 2014 Results Persistence Adjustment Business Retrofit Business Retrofit Business Retrofit Bluewater Power Distribution Corporation Commercial 2012 2014 Results Persistence Adjustment 2013 2014 2014 Results Persistence Adjustmen ater Power Distribution Corporati 2014 Results Persistence Current year saving Consumer Appliance Exchange Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year savings Consumer Appliance Retirer Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year sav nsumer Appliance Retiremen Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year sav Consumer Appliance Retirement Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year savings Consumer Appliance Retires Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year sa umer Bi-Annual Retailer Event Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year savings 2013 2014 Results Persistence Adjustment Consumer Conservation Instant Coupon Booklet Bluewater Power Distribution Corporation Residential Consumer Conservation Instant Coupon Booklet Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year savings Home Assistan Home Assistance Program Bluewater Power Distribution Corporation Residential 2012 2014 Results Persistence Adjustment Home Assistar Home Assistance Program Bluewater Power Distribution Corporation Residential 2013 2014 Results Persistence Adjustment Home Assistar Home Assistance Program 2014 Results Persistence Current year sav Bluewater Power Distribution Corporation Residential Consumer HVAC Incentives Bluewater Power Distribution Corporation Residential 2013 2014 Results Persistence Adjustment Consumer HVAC Incentives Bluewater Power Distribution Corporation Residential 2014 2014 Results Persistence Current year savings amer Residential New Construction Bluewater Power Distribution Corporation Residential 2014 Results Persistence Adjustr 2012 2014 Results Persistence Adjustment 2014 Results Persistence Current year savings idential New Con idential New Con tion Corporat Industrial PSUI Bluewater Power Distribution Corporation Industrial 2014 2014 Results Persistence Current year savings Other LDC Pilots Bluewater Power Distribution Corporation Commercial 2014 2014 Results Persistence Current year se Other Time-of-Use Savings Industrial Demand Response 3 Bluewater Power Distribution Corporation Other Bluewater Power Distribution Corporation Industrial 2014 2014 Results Persistence Current year savings 2014 2014 Results Persistence Current year savings 2014 2014 Results Persistence Current year savings

Program	Initiative	LDC	Sector	Conservation	(Implementation)	Identify Source of	Identify Status of						
				Resource Type	Year	Report	Savings						
								-		-	-		-
								l	l	Ē	1	Ĩ	Ē
Business	Demand Response 3	Bluewater Power Distribution Corporation	Commercial	DR	2014	2014 Results Persistence	Current year savings	0	0	0	0	0	
	Demand Response 3	Bluewater Power Distribution Corporation	Industrial	DR		2014 Results Persistence	Current year savings	0	0	0	0	0	
	Energy Managers	Bluewater Power Distribution Corporation	Industrial	EE		2014 Results Persistence	Adjustment	0	0	0	0	0	0
Other	Loblaw P4P Conservation Fund Pilot Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
Consumer	Appliance Retirement Initiative	Bluewater Power Distribution Corporation	Residential	EE	2015		Current year savings	0	0	0	0	0	0
Consumer	Coupon Initiative	Bluewater Power Distribution Corporation	Residential	EE	2015		Current year savings	0	0	0	0	0	0
Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation	Residential	EE	2015		Current year savings	0	0	0	0	0	0
	HVAC Incentives Initiative	Bluewater Power Distribution Corporation	Residential	EE	2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Efficiency: Equipment Replacement Incentive I	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2015	2015 Results Persistence	Current year savings	0	0	0	0	0	0
	Direct Install Lighting and Water Heating Initiati		Commercial & Institutional	EE	2015		Current year savings	0	0	0	0	0	0
Industrial	Process and Systems Upgrades Initiatives - Proj		Industrial	EE	2015		Current year savings	0	0	0	0	0	0
Industrial	Process and Systems Upgrades Initiatives - Ener		Industrial				Current year savings	0	0	0	0	0	0
Other	Low Income Initiative	Bluewater Power Distribution Corporation	Residential	EE		2015 Results Persistence 2016 Results Persistence	Current year savings	2,141	0	0	0	0	0
	Coupon Initiative Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Commercial & Institutional Residential	FF		2016 Results Persistence	Adjustment Adjustment	0	0	0	U	0	0
Consumer	Bi-Annual Retailer Event Initiative	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	EE	2015		Adjustment Adjustment	0	0	0	0	0	0
Business	Efficiency: Equipment Replacement Incentive I	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2015	2016 Results Persistence 2016 Results Persistence	Adjustment	0	0	0	0	0	0
Business	Existing Building Commissioning Incentive Initia		Commercial & Institutional	EE	2015	2016 Results Persistence	Adjustment	0	0	0	0	0	0
Consumer		Bluewater Power Distribution Corporation	Residential	FF	2015			0	0	0	0	0	0
	Save on Energy Coupon Program Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Residential	EE	2016		Current year savings Current year savings	0	0	0	0	0	0
	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation	Residential	EE	2016		Current year savings	11.847	0	0	0	0	0
	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2016		Current year savings	11,047	0	0	0	0	0
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
Business	Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
Consumer	Home Depot Home Appliance Market Uplift Cor	Bluewater Power Distribution Corporation	Residential	EE	2016	2016 Results Persistence	Current year savings	0	0	0	0	0	0
Business	Efficiency: Equipment Replacement Incentive I	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2015	2017 Results Persistence	Adjustment						
Business	Direct Install Lighting and Water Heating Initiati	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2015	2017 Results Persistence	Adjustment						
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation	Residential	EE	2016	2017 Results Persistence	Adjustment						
Consumer	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation	Residential	EE		2017 Results Persistence	Adjustment						
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2016	2017 Results Persistence	Adjustment						
Business	Save on Energy Small Business Lighting Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2016	2017 Results Persistence	Adjustment						
Industrial	Save on Energy Energy Manager Program	Bluewater Power Distribution Corporation	Industrial	EE	2016	2017 Results Persistence	Adjustment						
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation	Residential	EE	2017	2017 Results Persistence	Current year savings	0	0	0	0		
	Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation	Residential	EE	2017		Current year savings	0	0	0	0		
Consumer	Save on Energy Heating & Cooling Program	Bluewater Power Distribution Corporation	Residential	EE	2017	2017 Results Persistence	Current year savings	499,696	0	0	0		
Consumer	Save on Energy Home Assistance Program	Bluewater Power Distribution Corporation	Residential	EE	2017	2017 Results Persistence	Current year savings	25,311	25,311	0	0		
Business	Save on Energy Audit Funding Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2017		Current year savings	0	0	0	0		
	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2017		Current year savings	0	0	0	0		
	Save on Energy Small Business Lighting Program		Commercial & Institutional	EE		2017 Results Persistence	Current year savings	0	0	0	0		
Industrial Consumer	Save on Energy Energy Manager Program Instant Savings Local Program	Bluewater Power Distribution Corporation Bluewater Power Distribution Corporation	Industrial	EE	2017	2017 Results Persistence 2017 Results Persistence	Current year savings Current year savings	0	0	0	0		
	Whole Home Pilot Program	Bluewater Power Distribution Corporation		EE	2017	2017 Results Persistence	Current year savings	58.911	12.712	44	44		
Rusiness	Ontario Clean Water Agency P4P Conservation	Bluewater Power Distribution Corporation		EE	2017	2017 Results Persistence	Current year savings	30,511	12,/12	44	44		
Consumer	Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation	Residential	EE	2017 2018	2017 Nesulis Persistence	Current year savings	U	U	U	U		-
Consumer	Save on Energy Heating and Cobing Program Save on Energy Instant Discount Program	Bluewater Power Distribution Corporation	Residential	EE	2018		Current year savings	1	_			_	<u> </u>
Consumer	Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation	Residential	FF	2018		Current year savings						
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	FF	2018		Current year savings						
Business	Save on Energy Small Business Lighting Program		Commercial & Institutional	EE	2018		Current year savings						
	Save on Energy Existing Building Commissioning		Commercial & Institutional	EE	2018		Current year savings						
	Instant Savings Program	Bluewater Power Distribution Corporation	Commercial & Institutional	EE	2018		Current year savings						
	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	2016 Adj	2018		Adjustment						
Consumer	Save on Energy Coupon Program	Bluewater Power Distribution Corporation	Residential	2017 Adj.	2018		Adjustment						
Consumer	Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation	Residential	2017 Adj.	2018		Adjustment						
Consumer	Save on Energy Smart Thermostat Program	Bluewater Power Distribution Corporation	Commercial & Institutional	2017 Adj.	2018		Adjustment	-			-		
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional	2017 Adj.	2018		Adjustment						
Business	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional		2019		Current year savings						
Business	PSUP	Bluewater Power Distribution Corporation	Commercial & Institutional	l	2019		Current year savings						
	Save on Energy Heating and Cooling Program	Bluewater Power Distribution Corporation	Residential	l		2018 Results Persistence	Current year savings						
	Save on Energy Small Business Lighting Program		Commercial & Institutional		2019	2018 Results Persistence	Current year savings						
	Save on Energy Retrofit Program	Bluewater Power Distribution Corporation	Commercial & Institutional		2020								<u> </u>
Business	PSUP	Bluewater Power Distribution Corporation	Commercial & Institutional		2020								
				1									-
													<u> </u>
				I	1								

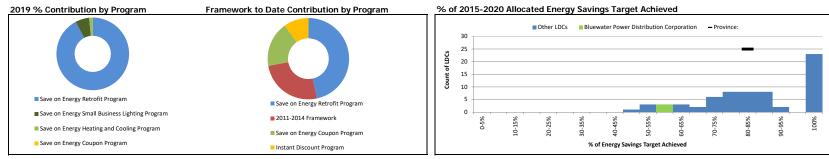
Attachment 5

IESO Participation and Cost Report

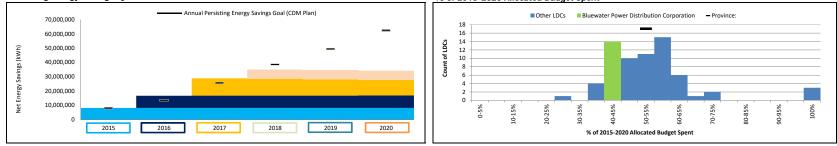
Dated April 2019

Program Participation & Cost Report Summary

Bluewater Power Distribution Corporation As of: 15-Apr-19 Summary of Performance Metrics		arget (kWh): CFF Budget: 2019 CDM		VS	Allocated 62,367,338 \$15,838,687 6-year Allocated	Paid Pre-Funding \$635,409 LDC Ranking in the Province out of 67 Total % of 6-year Total % of 6-
	Results	Plan %	Results	Plan %	%	Allocated Budget year Allocated Spent Target
Net Energy Savings (kWh) as at 2020 Total Actual Spending (\$)	391,528 \$ 1,020,189	4% 27%	34,632,162 \$ 6,991,861	55.5% 44.1%	55.5% 44.1%	This Month: 53 62 Last Month: 56 63
Cost-effectiveness: Total Resource Cost Test (Ratio) Cost-effectiveness: Program Administrator Cost Test (Ratio) Cost-effectiveness: Levelized Unit Electricity Cost (\$/kWh)	2.82 3.50 0.02		2.10 2.66 0.03			MTI Calculated Payout: \$- 2015-17 kWh & MTI Rate: 26,332,502 0.1 cents/kWh Paid MTI Amount: \$-
Forecasted Savings (GWh)		2018	2019		2020	Spending (Millions) 518 518 510 510 58 56 54 52 2015 2015 2017 2018 2019 2020



Persisting Energy Savings by Year



% of 2015-2020 Allocated Budget Spent

	er Power Distribution Corporation			-	Plan F
As of:	15-Apr-19	% kWh	% Budget	% kWh	%
	,	Target	Spent	Target	:
	Program		<u> </u>	<u> </u>	-
	Save on Energy Coupon Program Save on Energy Heating and Cooling Program	0% 4%	1% 22%	70% 96%	
	Save on Energy Home Assistance Program	4%	22%	96%	
Residential	Save on Energy Instant Discount Program			02.70	
(Province- Wide)	Save on Energy New Construction Program	0%	0%	0%	
wide)	Save on Energy Smart Thermostat Program	0%	0%	23%	
	Save on Energy Whole Home Program				
	Residential Programs Total	0%	15%	105%	
	Save on Energy Audit Funding Program	0%	32%	274%	
	Save on Energy Retrofit Program	8%	71%	67%	
	Save on Energy Retrofit Program - P4P				
	Save on Energy Retrofit Program Enabled Savings				
	Save on Energy Small Business Lighting Program	46%	77%	51%	
	Save on Energy Business Refrigeration Program	0%	0%	0%	
Non-	Save on Energy Performance Program				
Residential (Province-	Save on Energy Existing Building Commissioning Program Save on Energy High Performance New Construction Program	0%	3%	22%	_
Wide)	Save on Energy High Performance New Construction Program Save on Energy High Performance New Construction Program Enabled Savings	0%	258%	0%	-
	Save on Energy High Performance New Construction Program Enabled Savings Save on Energy Process & Systems Upgrades Program	0%	6%	0%	-
	Save on Energy Process & Systems Opgrades Program Save on Energy Process & Systems Upgrades Program - P4P	0%	0%	0%	-
	Save on Energy Process & Systems Opgrades Program Enabled Savings				
	Save on Energy Energy Manager Program	0%	53%	0%	
	Save on Energy Monitoring & Targeting Program	- /0		- /0	
	Non-Residential Programs Total	4%	28%	36%	
	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%	
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				
	Social Benchmarking Local Program Swimming Pool Efficiency Program				
	Local LDC Programs Total	0%	300%	45%	
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra				
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra 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		l	L	
Innovation Pilots	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program		l		-
1 1013	Hotel/Motel LDC Innovation Fund Pilot Program				
	Low Income Air Source Heat Pump Pilot Ontario Clean Water Agency P4P Conservation Fund Pilot Program		<u> </u>		
	P4P for Class B Office Pilot Program		<u>⊢</u>		-
	Performance Based Conservation Pilot Program		l		-
	Residential Direct Install Pilot Program				-
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program				
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra				
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program				
	Solar Powered Attic Ventilation Pilot				
	Truckload Event				
	LDC Innovation Pilots Total				
Target Gap					
Non-Approve	d Program				
Unassigned P					
unassigned P					1
F					
Energy Savin	gs from 2011-2014 Framework			102%	

Bluewat	er Power Distribution Corporation	Count (Incremental)																
As of:	15-Apr-19		YTD	PTD	2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified Year to Date	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct
-	Program		% Total		kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
	Save on Energy Coupon Program		0%	18%		3,039,935	3,306,456											I
	Save on Energy Heating and Cooling Program		2%	4%		602,774	550,745	248,836	6,300									
Residential	Save on Energy Home Assistance Program		0%	0%		13,474	65,722											,
(Province-	Save on Energy Instant Discount Program		0%	11%			2,724,036	1,167,569										
Wide)	Save on Energy New Construction Program		0%	0%														
	Save on Energy Smart Thermostat Program Save on Energy Whole Home Program		0% 0%	0% 0%			7,412	44,471										
	Residential Programs Total		2%	33%		3,656,183	6,717,452	1,460,876	6,300									
								1,400,070	0,000									
	Save on Energy Audit Funding Program Save on Energy Retrofit Program		0% 91%	0% 40%		13,143 4,772,848	130,667 4,638,280	4,611,251	53,096	304,360	3,612							
	Save on Energy Retrofit Program - P4P		0%	0%		4,772,040	4,030,200	4,011,231	33,070	304,300	3,012							
	Save on Energy Retrofit Program Enabled Savings		0%	0%														
	Save on Energy Small Business Lighting Program		7%	0%		67,492	63,401	15,117			27,439							
	Save on Energy Business Refrigeration Program		0%	0%														
Non-	Save on Energy Energy Performance Program		0%	0%														
Residential	Save on Energy Existing Building Commissioning Program		0%	0%				61,809										L
(Province- Wide)	Save on Energy High Performance New Construction Program		0%	0%														ļ
wide)	Save on Energy High Performance New Construction Program Enabled Savings		0%	0%														ļ
	Save on Energy Process & Systems Upgrades Program		0%	0%														
	Save on Energy Process & Systems Upgrades Program - P4P		0%	0%														·
	Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Energy Manager Program		0%	0%														
	Save on Energy Energy Manager Program Save on Energy Monitoring & Targeting Program		0% 0%	0% 0%		835	65,440											
	Non-Residential Programs Total		98%	41%		4,854,318	4,897,787	4.688.177	53.096	304.360	31.052							
						4,034,310	4,077,707	4,000,177	33,070	304,300	31,032							
	Adaptive Thermostat Program Conservation on the Coast Home Assistance Program		0%	0%														
	Conservation on the Coast Small Business Program		0% 0%	0% 0%														
	First Nation Conservation Local Program		0%	0%														
	High Efficiency Agricultural Pumping		0%	0%														
	Instant Savings Program		0%	2%			519,685	354,596										
Local LDC	MURB DIL Local Program		0%	0%														
Programs	Opsaver Program		0%	0%														
	PUMPSaver		0%	0%														
	RTUsaver		0%	0%														ļ
	Smart RT for Small and Mid-Size Business Local Program		0%	0%														
	Social Benchmarking Local Program		0%	0%														J
	Swimming Pool Efficiency Program Local LDC Programs Total		0%	0% 2%			519,685	354.596										
							519,685	354,596										
	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%	0%														
	Block Heater Timer LDC Innovation Fund Pilot Program		0% 0%	0% 0%														·
	Building Optimization Pilot Program		0%	0%														
	Conservation Cultivator LDC Innovation Fund Pilot Program		0%	0%														
	Conservation Voltage Reduction Conservation Fund Program		0%	0%														
	Data Centre Pilot		0%	0%														
	Direct Install - Hydronic Pilot Program		0%	0%														
	Direct Install - RTU Controls Pilot Program		0%	0%														
	Electronics Takeback Pilot		0%	0%														ļ
	EnWin Intelligent Air Pilot		0%	0%														ļ
LDC	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program		0%	0%		258												
Innovation Pilots	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program		0%	0%														
T IIOLS	Hotel/Motel LDC Innovation Fund Pilot Program		0%	0%														J
	Low Income Air Source Heat Pump Pilot		0%	0%														
	Ontario Clean Water Agency P4P Conservation Fund Pilot Program P4P for Class B Office Pilot Program		0%	0%			64,997											· · · · · ·
	Performance Based Conservation Pilot Program		0% 0%	0% 0%														
	Residential Direct Install Pilot Program		0%	0%														
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program		0%	0%														
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra		0%	0%														
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program		0%	0%														
	Solar Powered Attic Ventilation Pilot		0%	0%														
	Truckload Event		0%	0%														
	LDC Innovation Pilots Total		0%	0%		258	64,997											
Target Gap																		_
Non-Approve	d Program																	
Unassigned F																		
			0.84	0000	0.407.447	1												
Energy Savin	gs from 2011-2014 Framework		0%	23%	8,197,665	J												

100% 100% 8,197,665 8,510,759 12,199,922 6,503,649 59,396 304,360 31,052

TOTAL Conservation First (CDM Plan Forecast)

TOTAL Conservation First (Target and Budget Allocation)

Bluewate	er Power Distribution Corporation	1		^ By Month		Energy Savings (Incremental)							^ By Month		Energy Savings (Persisiting to
As of:	15-Apr-19	Nov	Dec	2019 Unverified	Program to Date				2015 Year to Date	2016 Year to Date	2017 Year to Date	2018 Unverified	2019 Unverified	Program to Date	2020)
	Program	kWh	kWh	Year to Date kWh	kWh		YTD % Total	PTD % Total	kWh	kWh	kWh	Year to Date kWh	Year to Date kWh	kWh	
	Save on Energy Coupon Program				6,346,391	1	0%	16%		3,039,935	2,653,516			5,693,451	
	Save on Energy Heating and Cooling Program			6,300	1,408,655		2%	4%		602,774	550,745	248,836	6,300	1,408,655	
Residential	Save on Energy Home Assistance Program				79,196	_	0%	0%		13,474	65,722			79,196	-
(Province-	Save on Energy Instant Discount Program				3,891,605	-	0%	9%			1,972,715	1,157,971	-	3,130,686	-
Wide)	Save on Energy New Construction Program Save on Energy Smart Thermostat Program				51.883	-	0% 0%	0% 0%			7,412	44,471		51.883	-
	Save on Energy Whole Home Program				63,082		0%	0%			63,082	44,471		63,082	-
	Residential Programs Total			6,300	11,840,811		2%	30%		3,656,183	5,313,192	1,451,278	6,300	10,426,953	
	Save on Energy Audit Funding Program				143,810	1	0%	0%		13,143	130,667			143,810	
	Save on Energy Retrofit Program			361,068	14,383,446		92%	43%		5,003,506	4,814,514	4,588,448	361,068	14,767,535	
	Save on Energy Retrofit Program - P4P					-	0%	0%							
	Save on Energy Retrofit Program Enabled Savings					-	0%	0%							
	Save on Energy Small Business Lighting Program Save on Energy Business Refrigeration Program			27,439	173,448	-	6% 0%	0% 0%		67,492	62,253	9,720	24,160	163,625	-
Non-	Save on Energy Energy Performance Program						0%	0%							-
Residential	Save on Energy Existing Building Commissioning Program				61,809		0%	0%				61,809		61,809	-
(Province-	Save on Energy High Performance New Construction Program						0%	0%							
Wide)	Save on Energy High Performance New Construction Program Enabled Savings						0%	0%							
	Save on Energy Process & Systems Upgrades Program						0%	0%							
	Save on Energy Process & Systems Upgrades Program - P4P Save on Energy Process & Systems Upgrades Program Enabled Savings	-					0% 0%	0% 0%		1			1		
	Save on Energy Process a Systems Opgrades Program Enabled Savings Save on Energy Energy Manager Program				66,275	1	0%	0%		835				835	-
	Save on Energy Monitoring & Targeting Program				00,275		0%	0%		635				035	-
	Non-Residential Programs Total			388,507	14,828,789		98%	44%		5,084,975	5,007,435	4,659,977	385,228	15,137,615	
	Adaptive Thermostat Program					1	0%	0%							
	Conservation on the Coast Home Assistance Program						0%	0%							
	Conservation on the Coast Small Business Program					_	0%	0%							-
	First Nation Conservation Local Program					-	0%	0%					-		-
	High Efficiency Agricultural Pumping Instant Savings Program				074 001	-	0%	0%			540 (05	254.50/		074 001	-
Local LDC	MURB DIL Local Program				874,281		0% 0%	3% 0%			519,685	354,596		874,281	-
Programs	Opsaver Program					1	0%	0%							
	PUMPSaver						0%	0%							
	RTUsaver					-	0%	0%							
	Smart RT for Small and Mid-Size Business Local Program					_	0%	0%							-
	Social Benchmarking Local Program Swimming Pool Efficiency Program					4	0% 0%	0% 0%							
	Local LDC Programs Total				874,281		0%	3%			519,685	354,596		874,281	
	Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Progra					1	0%	0%							
	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra					1	0%	0%							
	Block Heater Timer LDC Innovation Fund Pilot Program						0%	0%							
	Building Optimization Pilot Program						0%	0%							
	Conservation Cultivator LDC Innovation Fund Pilot Program						0%	0%							
	Conservation Voltage Reduction Conservation Fund Program Data Centre Pilot					4	0%	0%							
	Direct Install - Hydronic Pilot Program					-	0% 0%	0% 0%							-
	Direct Install - RTU Controls Pilot Program					-	0%	0%							-
	Electronics Takeback Pilot						0%	0%							-
	EnWin Intelligent Air Pilot]	0%	0%							
LDC	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program				258	_	0%	0%		258				258	-
Innovation Pilots	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program					-	0%	0%							
	Hotel/Motel LDC Innovation Fund Pilot Program Low Income Air Source Heat Pump Pilot						0%	0%							
	Ontario Clean Water Agency P4P Conservation Fund Pilot Program				64,997		0% 0%	0% 0%			64,997			64,997	
	P4P for Class B Office Pilot Program		1				0%	0%			,///			,///	
	Performance Based Conservation Pilot Program						0%	0%							
	Residential Direct Install Pilot Program						0%	0%							
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program					-	0%	0%							
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program						0%	0%							
	Solar Powered Attic Ventilation Pilot						0% 0%	0% 0%					1		
	Truckload Event		1				0%	0%					1		
	LDC Innovation Pilots Total				65,255]	0%	0%		258	64,997			65,255	
Target Gap															
Non-Approve	d Program	Ì													
Unassigned P															
	gs from 2011-2014 Framework				8,197,665	1	0%	23%	8,128,057					8,128.057	
					0,177,005		078							0,120,037	
	rvation First (CDM Plan Forecast)			394,807	35,806,802		100%	100%	8,128,057	8,741,416	10,905,309	6,465,851	391,528	34,632,162	
TOTAL Conse	rvation First (Target and Budget Allocation)														

Bluewate	er Power Distribution Corporation		^ By Month		^ By Month			Spending (Year to Date)		^ By Year	
As of:	15-Apr-19 Program	2019 Incentive Budget	2019 Year to Date Incentive Actual	2019 Admin Budget	2019 Year to Date Admin Actual	2019 Total Budget	2019 Year to Date Total Actual		Framework Incentive Budget	Program to Date Incentive Actual	Framework 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	\$ 689,650	\$ 163,939
Residential	Save on Energy Instant Discount Program	-	\$ 14,516	-	\$ 608	-	\$ 15,124		\$ 39,931	\$ 30,140 \$ 332,438	\$ 69,766
(Province- Wide)	Save on Energy New Construction Program	\$ 500	3 14,510	\$ 5,525	-	\$ 6,025	3 13,124		\$ 1,500	¢ 332,430	\$ 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	\$ 63,327		\$ 2,144,708	\$ 1,651,148	\$ 523,229
	Save on Energy Audit Funding Program	\$ 2,160	-	\$ 7,125	\$ 2,988	\$ 9,285	\$ 2,988	1	\$ 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 5	\$ 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	-	\$ 16,000	-	\$ 57,106			\$ 124,644	-	\$ 51,244
Non- Residential	Save on Energy Energy Performance Program Save on Energy Existing Building Commissioning Program	\$ 11,500		\$ 6,585	\$ 533	\$ 18,085	\$ 533		- 73 000	\$ 35.780	-
(Province-	Save on Energy High Performance New Construction Program	\$ 45,025	\$ 117,870	\$ 3,300	\$ 7,000	\$ 18,085	\$ 124,870		\$ 73,000 \$ 176,150	\$ 35,780 \$ 117,870	\$ 21,344 \$ 19,602
Wide)	Save on Energy High Performance New Construction Program Enabled Savings	- 40,025		- 3,300	- 1,000	- 40,323	- 124,670				- 17,002
	Save on Energy Process & Systems Upgrades Program	\$ 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 Upgrades 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			-	\$ 629,727
	Save on Energy Monitoring & Targeting Program								· ·	· .	-
	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				- 42,000	÷ 14,250			-	- 30,007	-
Programs	Opsaver Program	-	-		-						-
	PUMPSaver	-	-	-	-	-			-	-	-
	RTUsaver	-	-	-	-	-	-			-	-
	Smart RT for Small and Mid-Size Business Local Program				-						-
	Social Benchmarking Local Program	-	-	-	-	-	-			-	-
	Swimming Pool Efficiency Program	-	-	\$ 7.500	\$ 42,686						
	Local LDC Programs Total	\$ 6,750		\$ 7,500	\$ 42,686	\$ 14,250	\$ 42,686		\$ 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	-	-	-	-	-	-			-	-
	Block Heater Timer EDC Innovation Polici 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 Innovation	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-	-	-	-			-	-
Pilots	Home Energy Assessment & Retroit EDC Innovation Fund Flot 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				-	-			<u> </u>	-	-
	Performance Based Conservation Pilot Program	-				-				-	
	Residential Direct Install Pilot Program			-	-	-	-			-	
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program				-	-	-		· ·	-	
	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra		-	-	-	-	-		· ·	-	-
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program Solar Powered Attic Ventilation Pilot		-		-	-	-		-	-	-
	Truckload Event		-	-	-	-	-		-		
	LDC Innovation Pilots Total		-	-	-			•	\$		
Target Gap						\$					
Non-Approve	d Drogram	\$ -		¢		•			¢	¢	*
		Э	-	э -	-	•	-		э	ə -	ə -
Unassigned P		\$ -		\$ -		\$ -	l		\$ -	ļ	\$ -
Energy Saving	gs from 2011-2014 Framework										
TOTAL Conse	vation First (CDM Plan Forecast)	\$ 2,231,322	\$ 546,801	\$ 1,491,141	\$ 473,388	\$ 3,722,463	\$ 1,020,189	1	\$ 9,229,058	\$ 4,273,394	\$ 6.609.629
-	vation First (Target and Budget Allocation)	2,201,322		.,	470,000	0,722,403	1,020,107		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0,007,027
TO THE COUSE	ration in the (ranger and budger Anocation)										

Bluewate	er Power Distribution Corporation	^ By Year		^ By Year	Spending (Program to Date)	Y	ear to Date Cost Effe (2017 Verified	ctiveness i)	Cost Effectiveness (Year to Date)	Program	n to Date Cost Effective (2015-2017 Verified)		Cost Effectiveness (Prorgram to
As of:	15-Apr-19	Program to Date	Framework	Program to Date		TRC	PAC	LUEC (\$/kWh)		TRC	PAC L	UEC (\$/kWh)	Date)
	Program	Admin Actual	Total Budget	Total Actual				1	1	r	<u>г</u>		
	Save on Energy Coupon Program	\$ 169,291	\$ 1,267,805	\$ 761,561									
	Save on Energy Heating and Cooling Program	\$ 107,959	\$ 1,200,589	\$ 797,609									
Residential	Save on Energy Home Assistance Program Save on Energy Instant Discount Program	\$ 73,118 \$ 13,874	\$ 109,697	\$ 103,258 \$ 346,312									
(Province-	Save on Energy New Construction Program	3 13,074	\$ 18,000	3 340,312									
Wide)	Save on Energy Smart Thermostat Program	\$ 665	\$ 71,845	\$ 7,315									
	Save on Energy Whole Home Program	- 005											
	Residential Programs Total	\$ 364,907	\$ 2,667,937	\$ 2,016,055					1				
	Save on Energy Audit Funding Program	\$ 48,756	\$ 59,582	\$ 55,466					1				
	Save on Energy Retrofit Program	\$ 929,978	\$ 3,459,397	\$ 2,972,031									
	Save on Energy Retrofit Program - P4P		-	-									
	Save on Energy Retrofit Program Enabled Savings	-	-										
	Save on Energy Small Business Lighting Program	\$ 209,827	\$ 338,470	\$ 252,999									
	Save on Energy Business Refrigeration Program	\$ 2,099	\$ 175,888	\$ 2,099									
Non-	Save on Energy Energy Performance Program	-	-	-									
Residential	Save on Energy Existing Building Commissioning Program	\$ 1,582	\$ 94,344	\$ 37,362									
(Province-	Save on Energy High Performance New Construction Program	\$ 15,027	\$ 195,752	\$ 132,897									
Wide)	Save on Energy High Performance New Construction Program Enabled Savings	-		-									
l	Save on Energy Process & Systems Upgrades Program	\$ 692,018	\$ 8,004,674	\$ 1,018,011									
	Save on Energy Process & Systems Upgrades Program - P4P	-	-	-									
	Save on Energy Process & Systems Upgrades Program Enabled Savings	-											
	Save on Energy Energy Manager Program	\$ 335,219	\$ 629,727	\$ 335,219				-					
	Save on Energy Monitoring & Targeting Program	-	-	· · · ·									
	Non-Residential Programs Total	\$ 2,234,506	\$ 12,957,833	\$ 4,806,085									
	Adaptive Thermostat Program	-	-										
	Conservation on the Coast Home Assistance Program	-	-										
	Conservation on the Coast Small Business Program		-	-									
	First Nation Conservation Local Program	-	-										
	High Efficiency Agricultural Pumping	-	-										
	Instant Savings Program	\$ 115,205	\$ 212,918	\$ 165,872		-							
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	\$ 115,205	\$ 212,918	\$ 165,872					1				
		\$ 115,205	\$ 212,718	\$ 105,672					1				
	Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Progra	· .	-										
	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Progra		-										
	Block Heater Timer LDC Innovation Fund Pilot Program	-	-										
	Building Optimization Pilot Program	-	-	-									
	Conservation Cultivator LDC Innovation Fund Pilot Program Conservation Voltage Reduction Conservation Fund Program	-	-										
	Data Centre Pilot	-	-										
1	Direct Install - Hydronic Pilot Program	-											
1	Direct Install - RTU Controls Pilot Program			-									
	Electronics Takeback Pilot	· · · ·	· · · ·	-				1					
	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	-		-									
1	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	-	-										
1	P4P for Class B Office Pilot Program	-	-	-									
l	Performance Based Conservation Pilot Program	-	-										
	Residential Direct Install Pilot Program	-	-	-									
	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-		-									
l	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Progra	a .	-	-									
	Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	· .		-									
	Solar Powered Attic Ventilation Pilot		· · ·	-				-		l			
	Truckload Event	-				L		-		L			
	LDC Innovation Pilots Total	-	-	-									
Target Gap		1	\$ -										
Non-Approve	d Program	\$ 3,849	\$ -	\$ 3,849									
Unassigned P			\$										
-	gs from 2011-2014 Framework	1											
criergy savin	55 11011 2011 2014 Hallework	J											
TOTAL Conse	vation 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	
	vation First (Target and Budget Allocation)	1	\$ 15,838,687			-		-					
		-	10,000,007										

Attachment 6

Proposed 2021 Tariffs

Effective May 1, 2021

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

EB-2020-0005

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

Service Charge	\$	33.22
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 (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066

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 May 1, 2021

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

EB-2020-0005

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

Service Charge	\$	29.74
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0207
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kWh	0.0018
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective May 1, 2021

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

EB-2020-0005

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge Distribution Volumetric Rate	\$ \$/kW	158.87 4.6168
Low Voltage Service Rate	\$/kW	0.0748
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)

Effective May 1, 2021

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

		EB-2020-0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until December 31, 2021	\$/kW	1.4742
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0966)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022	\$/kW	0.3081
Applicable only for Class B Customers	\$/kW	(0.0901)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6883
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3436

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 May 1, 2021

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

EB-2020-0005

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	3,492.23
Distribution Volumetric Rate	\$/kW	1.8834
Low Voltage Service Rate	\$/kW	0.0820
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0392)

Effective May 1, 2021

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

approved schedules of Rates, Charges and Loss Facto	r S	EB-2020-0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kW	0.1171
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(1.0779)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8553
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5692
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030

6/kWh 0.0030	
5/kWh 0.0004	
S/kWh 0.0005	
6 0.25	
	/h 0.0005

Effective May 1, 2021

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

EB-2020-0005

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27,327.53
Distribution Volumetric Rate	\$/kW	2.0522
Low Voltage Service Rate	\$/kW	0.0938
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kW	0.0222

Effective May 1, 2021

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

FB-2020-0005

		LD-2020-0003
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.8197)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	0.5127
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1614
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.9380
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 May 1, 2021

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

EB-2020-0005

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	13.36
Distribution Volumetric Rate	\$/kWh	0.0363
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kWh	(0.0017)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kWh	(0.0022)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

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 May 1, 2021

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

EB-2020-0005

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.30
Distribution Volumetric Rate	\$/kW	28.3979
Low Voltage Service Rate	\$/kW	0.0590
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until December 31, 2021		
Applicable only for Non-RPP Customers	\$/kWh	(0.0002)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kW	(0.1940)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.7949)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0916)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0377
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8498
MONTHLY RATES AND CHARGES - Regulatory Component		
	Ф/I \ \ / I	0.0000

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 May 1, 2021

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

EB-2020-0005

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.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	2.67
Distribution Volumetric Rate	\$/kW	20.7699
Low Voltage Service Rate	\$/kW	0.0578
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0897)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until December 31, 2021	\$/kW	(0.2803)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until December 31, 2021	\$/kW	(0.7818)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0274
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8120

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 May 1, 2021

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EB-2020-0005

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.55
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

Effective May 1, 2021

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

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		EB-2020-0005
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		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00
Other		
Specific charge for access to the power poles - \$/pole/year		
(with the exception of wireless attachments)	\$	45.39
RETAIL SERVICE CHARGES (if applicable)		

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	104.04
Monthly fixed charge, per retailer	\$	41.62
Monthly variable charge, per customer, per retailer	\$/cust.	1.04
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.62
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.62)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.52
Processing fee, per request, applied to the requesting party	\$	1.04
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)	\$	4.16
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)	\$	2.08

LOSS FACTORS

Effective May 1, 2021

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

EB-2020-0005

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

Attachment 7 2021 Checklist

2021 IRM Checklist

Bluewater Power Distribution Corportation

EB-2020-0005

Filing Requirement Page # Reference

Date: November 6, 2020

Filing Requirement Page # Reference		Date: November 6, 2020
RM REQUIREMENTS		Evidence Reference, Note
3.1.2 Components of the Application Filing	Manager's summary documenting and explain all rate adjustments requested	Yes
4 4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact Completed Rate Generator Model and supplementary work forms, Excel and PDF	p. 4 Yes
4 4	Current tariff sheet, PDF Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Yes not applicable
4	Statement as to who will be affected by the application, specific customer groups affected by particular request Applicant's internet address	p. 8 p. 8
4 4	Statement confirming accuracy of billing determinants pre-populated in model Text searchable PDF format for all documents	p. 9 yes
3.1.3 Applications and Electronic Models	An Excel version of the IRM Checklist	yes yes
5	Populated GA Analysis Workform	yes
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	not applicable
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	not applicable
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	yes
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub- accounts	not applicable
3.2.2 Revenue to Cost Ratio Adjustments 7	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		
7	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not	not applicable
7	required 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	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	
<u>9</u> 10	Justification if any account balance in excess of the threshold should not be disposed Completed tab 3 - continuity schedule in Rate Generator Model	not applicable yes
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis	yes
10 - 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	p. 12
11	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.	p. 12
12 3.2.5.1 Wholesale Market Participants	GA rate riders calculated on an energy basis (kWh)	yes
11	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	p. 14
3.2.5.2 Global Adjustment	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP	
12	Class B customers when clearing balances from the GA Variance Account For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distrbutors are	p. 14
12 - 13	seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.	
3.2.5.3 Commodity Accounts 1588 and 1589	· ·	
13	Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019.	р. 17
	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb. 21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also discuss the results of	
13 - 14	review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description of each adjustment made to the historical balances must be provided in the application.	not applicable
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation.	p. 6
3.2.5.4 Capacity Based Recovery (CBR)	review, verification and oversight of account balances being proposed for disposition	ρ. σ
	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	
15	- 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.	р. 18
	 Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance. 	
	 The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels 	
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
	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	
16 - 21	final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable)	p. 20-25
	must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting savings were calculated in accordance with OEB-approved load profiles for streetlighting projects; Confirmation whether the	
	streetlighting project(s) received funding from the IESO and the appropriate net-to-gross assumption used to calculate streetlighting savings	
	For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following	
	For the recovery of lost revenues related to demand savings from street light upgrades, distributors should provide the following information: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last	
	CoS application that the street light upgrades represent incremental savings attributable to participation in the IESO program, and	
	that any savings not attributable to the IESO program have been removed (for example, other upgrades under normal asset	
	management plans) o Confirmation that the associated energy savings from the applicable IESO program have been removed from the LRAMVA	
	workform so as not to double count savings (for example, if requesting lost revenue recovery for the demand savings from a street light upgrade program, the associated energy savings from the Retrofit program have been subtracted from the Retrofit	
3.2.7 Tax Changes 21	If applicable, tabs 8 and 9 of Rate Generator Model complete	yes
21	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	p. 26
3.2.8 Z-Factor Claims, Pg. 20-21		
23	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report In addition distributor must:	not applicable
	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	
23	 Apply to OEB for any cost recovery of amounts in OEB-approved being account claimed under 2-racio freament. Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental. Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part. 	
	of ongoing business exposure risk	
3.2.8.2 Z-Factor Accounting Treatment	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the	not applicable
~~~	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
23	Carrying charges are calculated using simple interest abbiled to the monthly obening balances in the account and recomentation	not applicable
23	separate Sub-Account of this account	
	separate Sub-Account of this account Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of	not applicable
23 3.2.8.3 Recovery of Z-Factor Costs	separate Sub-Account of this account         Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods         Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational	not applicable not applicable
23 3.2.8.3 Recovery of Z-Factor Costs 24	separate Sub-Account of this account Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	

# 2021 IRM Checklist Bluewater Power Distribution Corportation

EB-2020-0005

Filing Requirement Page # Reference

Date: November 6, 2020

Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		
25	Evidence of passing "Means Test"	not applicable
25	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
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	not applicable
25	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	not applicable
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	not applicable
27	on the operation of the distributor	not applicable
27	necessarily the least initial cost) for ratepayers	not applicable
27	current rates were derived	not applicable
27 - 28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	not applicable
28	Details by project for the proposed capital spending plan for the expected in-service year	not applicable
28	Description of the proposed capital projects and expected in-service dates	not applicable
28	capital project	not applicable
28	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	not applicable
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	not applicable
28	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	not applicable
3.3.5 Off-Ramps		
33 - 34	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	not applicable
Appendix A		
Appendix A	generally expected unless justified by the distributor	p. 19
Appendix A & Page 5	associated rate riders' sunset dates have expired and the residual balances have been externally audited.	not applicable, p. 19
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