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2021 IRM

Manager's Summary

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2	on-the-Lake Hydro Inc 2019 04
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1 3.1.1 Introduction

Niagara-on-the-Lake Hydro Inc. ("NOTL Hydro") is pleased to present its Incentive Rate-Setting
Mechanism (IRM) application for rates effective May 1, 2021. NOTL Hydro is included in tranche
2 as per the OEB letter Process for 2021 Incentive Rate-setting Mechanism Distribution Rate
Applications issued July 14, 2020. The filing deadline for this application is October 13, 2020.
This application consists of the following documents and associated appendices.

- 7 Manager's Summary
- 8 2021 IRM Checklist (Appendix 1)
- 9 2021 IRM Rate Generator (Appendix 2)
- GA Analysis Workform (Appendix 3)
- 2021 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform
 (Appendix 4)
- 13 All documents have been submitted to the Ontario Energy Board ("OEB") via their website.
- 14 There are no materials that are being filed on a confidential basis in this application.
- 15 Table 1 below contains the proposed distribution rates effective May 1, 2021 in comparison to
- 16 NOTL Hydro's approved rates for 2020 and 2019.
- 17

Table 1:	Proposed	Distribution	Rates
----------	----------	--------------	-------

	Distribution Charges (Fixed Service Charge + Volumetric Rate)											
Rate Class	Rate Type	OEB Approved 5/01/2019	OEB Approved 11/01/2020	Proposed 5/01/2021	Variance (2021 vs. 2020)	Variance % (2021 vs. 2020)						
Residential	Fixed Rate	\$28.74	\$29.41	\$29.91	\$0.50	1.7%						
Residential	Variable Rate (\$/kWh)	\$0.0000	\$0.0000	\$0.0000	\$0.00	0.0%						
CC (50).).(Fixed Rate	\$39.41	\$40.08	\$40.76	\$0.68	1.7%						
GS<50kW	Variable Rate (\$/kWh)	\$0.0117	\$0.0119	\$0.0121	\$0.00	1.7%						
	Fixed Rate	\$281.65	\$286.44	\$291.31	\$4.87	1.7%						
GS>50KVV	Variable Rate (\$/kW)	\$2.3574	\$2.3975	\$2.4383	\$0.04	1.7%						
	Fixed Rate	\$3,692.18	\$3,754.95	\$3,818.78	\$63.83	1.7%						
GS>50kW Large Use	Variable Rate (\$/kW)	\$2.3574	\$2.3975	\$2.4383	\$0.04	1.7%						
	Fixed Rate	\$21.20	\$21.56	\$21.93	\$0.37	1.7%						
Unmetered	Variable Rate (\$/kWh)	\$0.0054	\$0.0055	\$0.0056	\$0.00	1.8%						
Charles I.	Fixed Rate (per connection)	\$7.85	\$7.32	\$7.44	\$0.12	1.6%						
Streetlights	Variable Rate (\$/kW)	\$1.8891	\$1.7615	\$1.7914	\$0.03	1.7%						

18

19 Certification of Evidence

20 Further to Page 2 of Chapter 1 of the Filing Requirements, I, Jeff Klassen, certify that the

21 evidence filed is accurate, consistent, and complete to the best of my knowledge.

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3.1.2 Components of the Application Filing

2 3.1.2.1 Manager's Summary

3 This application includes a Manager's summary thoroughly documenting and explaining all

4 requested rate adjustments.

5 3.1.2.2 Contact Information

6 Application contact information is as follows:

7	Applicants Name:	Niagara-on-the-Lake Hydro Inc.
8	Applicants Address:	PO Box 460
9		8 Henegan Road
10		Niagara-on-the-Lake, ON
11		LOS 1T0
12		
13	Applicants Contacts:	Jeff Klassen
14		Vice President, Finance
15		Email: jklassen@notlhydro.com
16		Phone: 905-468-4235 ext. 380
17		Fax: 905-468-3861

18 3.1.2.3 Rate Generator Model

19 This application consists of the following documents. OEB models have been submitted in both

- 20 Excel and PDF formats
- Manager's Summary
- 2021 IRM Checklist
- 23 2021 IRM Rate Generator
- GA Analysis Workform
- 2021 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform

26 3.1.2.4 Tariff Sheet

27 A PDF copy of the current NOTL Hydro Tariff sheet (EB-2019-0056 Vary Order issued April 28,

28 2020) at the time of this filing and the NOTL Hydro Tariff sheet effective November 1, 2020 (EB-

29 2019-0056 issued April 16, 2020) are attached as Appendix 5 and Appendix 6 respectively.

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1 3.1.2.5 Supporting Documentation

- 2 Pre-populated RRR data in the rate generator model for NOTL Hydro have been verified and
- 3 are correct. Supporting documents references throughout this application are attached as
- 4 appendices.

5 3.1.2.6 Customers Affected by this Application

6 All of NOTL Hydro's customers will be affected by this application.

7 3.1.2.7 Internet Address

- 8 A copy of this application and related documents is available on the NOTL Hydro website. The
- 9 Applicant's website address is <u>www.notlhydro.com</u>.

10 3.1.2.8 Billing Determinants

- 11 NOTL Hydro confirms that the billing determinants for pre-populated models are accurate and
- 12 consistent with its RRR filings. In its 2019 Cost of Service application (CoS) (EB-2018-0056)
- 13 attached as Appendix 7, NOTL Hydro requested and received approval for a new Large Use
- 14 Rate Class. This rate class consists of one customer. The pre-populated data for this rate class
- 15 only included the period from May 1, 2019 to December 31, 2019. For the purpose of this
- 16 application, the annual consumption and demand for the full calendar 2019 year were included
- 17 in the Large Use category to more accurately reflect actual usage for this category moving
- 18 forward. NOTL Hydro advised OEB staff of the adjusted amounts for the Large Use Rate Class
- 19 (Table 2) and OEB staff adjusted the IRM model accordingly. The Large Use customer was
- 20 included in the General Service 50 to 4,999 kW (GS>50) rate class from January to April 2019.
- 21 OEB staff further adjusted the model to remove the amounts attributable to that customer from
- the actual kWh and kW from the GS>50 billing determinants.

1

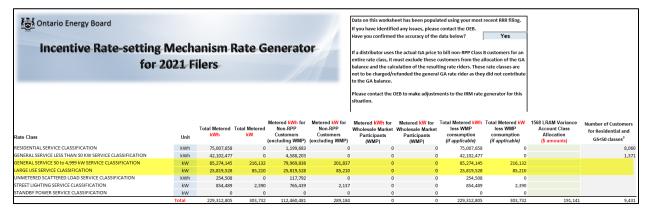
Table 2: Adjustment to Billing Determinants

	RRR 2.1.5 Demand a	nd Revenue Table 3B	Adjustment for Cor User Jan - J		Billing Determinants 2021 IRM Tab 4			
	METERED	METERED	METERED	METERED				
	CONSUMPTION IN	CONSUMPTION IN	CONSUMPTION IN	CONSUMPTION IN				
GENERIC RATE CLASS	KWHS	KWS	KWHS	KWS	Total Metered kWh	Total Metered kW		
Residential	75,007,658	-	-	=	75,007,658	-		
General Service < 50 KW	42,102,477	-	-	-	42,102,477	-		
General Service >= 50KW	93,826,101	244,872	(8,551,956)	(28,740)	85,274,145	216,132		
Large User	17,267,572	56,470	8,551,956	28,740	25,819,528	85,210		
Street Lighting Connections	854,489	2,390	-	-	854,489	2,390		
Unmetered Scattered Load Connections	254,508	-	-	-	254,508	-		
Total	229,312,805	303,732	-	-	229,312,805	303,732		
GS > 50 + Large Use	111,093,673	301,342	-	-	111,093,673	301,342		

2 3

4

Table 3: 2021 IRM Rate Generator Billing Determinants (Tab 4)



5

6 3.1.2.9 Format

- 7 All documents submitted are in text-searchable Adobe PDF format and OEB models in excel
- 8 format where applicable.

9 3.1.2.10 Checklist

10 A completed copy of the 2021 IRM Checklist is attached as Appendix 1.

* Large use category was approved effective May 1, 2019. Prior to that date, the customer was included in the GS>50 totals

3.1.3 Applications and Electronic Models

- 12 This application consists of the following documents. OEB models are submitted in both Excel
- 13 and PDF formats
- Manager's Summary
- 15 2021 IRM Checklist

- 1 2022 IRM Rate Generator
- 2 GA Analysis Workform
- 3 2021 Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform

NOTL Hydro is not requesting an ICM, revenue-to-cost ratio adjustment or the disposition of any
 residual 1595 sub-account balances in this application.

6 3.2.1 Annual Adjustment Mechanism

NOTL Hydro has used the 2020 rate setting parameters as a place holder. NOTL Hydro
acknowledges that these factors may change when the OEB releases the 2021 inflation factor.
The 2020 inflation factor used in this application is 2.0%. NOTL Hydro was included in Group 3
in the most recent PEG report 2019 Benchmarking Update issued on August 31, 2020 with an
associated stretch factor of 0.30%.

12 **3.2.1.1 Application of Annual Adjustment Mechanism**

The annual adjustment mechanism applies to fixed and variable distribution rates uniformly across all customer rate classes. The annual adjustment mechanism is 1.7% (2.0% inflation factor less 0.3% stretch factor). NOTL Hydro has not applied the annual adjustment factor to any other component of delivery rates.

17 3.2.2 Revenue-to-Cost Ratio Adjustments

NOTL Hydro is not requesting any changes to the revenue-to-cost ratios in this application. In its last Cost of Service application (EB-2019-0056) NOTL Hydro was approved to implement the change in the revenue to cost ratio for streetlights over 2 years to 130% in 2019 and to 120% in 2020. The offsetting adjustment is an increase in the residential revenue to cost ratio from 91.06% in 2019 to 91.57% in 2020. The 2020 revenue to cost ratios will remain in place until NOTL Hydro's next Cost of Service application.

3.2.3 Rate Design for Residential Electricity Consumers

26 NOTL Hydro completed its transition to a fully fixed monthly distribution service charge for

27 residential customers in 2019.

3.2.4 Electricity Distribution Retail Transmission Service Rates

3 NOTL Hydro's application to adjust RTSRs is based on the proposed rates calculated utilizing

4 the 2021 IRM Rate Generator Model ("IRM model") provided by the OEB.

5 Historical Network and Connection Costs

- 6 NOTL Hydro's historical costs (2019) consist of Independent Electricity System Operator
- 7 ("IESO") invoiced costs for network and line connection. NOTL Hydro owns its own transformer
- 8 stations and consequently has no IESO invoiced transformation costs. In addition, NOTL Hydro
- 9 does not have Hydro One invoiced transmission costs.
- 10 Table 4, from tab 12 of the IRM model, contains the historical network and line connection costs
- 11 for 2019.
- 12

Table 4: Historical Network and Connection Costs (2019)

IESO Month		Network							Line Connection						
	Units Billed	its Billed Rate		Amount		Units	Billed	Ra	ite	Α	mount				
January	35,965		\$3.71	\$	133,430		38,613	\$0.	94	\$	36,296				
February	35,350		\$3.71	\$	131,149		36,300	\$0.	94	\$	34,122				
March	31,059		\$3.71	\$	115,229		35,394	\$0.	94	\$	33,270				
April	26,983		\$3.71	\$	100,107		48,555	\$0.	94	\$	45,642				
May	24,975		\$3.71	\$	92,657		30,407	\$0.	94	\$	28,583				
June	38,900		\$3.80	\$	147,820		41,033	\$0.	95	\$	38,981				
July	43,702		\$3.83	\$	167,378		48,990	\$0.	96	\$	47,030				
August	43,262		\$3.83	\$	165,693		44,342	\$0.	96	\$	42,568				
September	41,551		\$3.83	\$	159,140		42,065	\$0.	96	\$	40,382				
October	34,998		\$3.83	\$	134,042		35,188	\$0.	96	\$	33,780				
November	28,622		\$3.83	\$	109,622		32,109	\$0.	96	\$	30,825				
December	33,180		\$3.83	\$	127,079		36,945	\$0.	96	\$	35,467				
Total	418,547	\$	3.78	\$	1,583,348	·	469,940	\$	0.95	\$	446,947				

13

14 Forecast Costs with new Uniform Transmission Rates ("UTRs")

- 15 Forecast network and connection rates from tab 14 of the IRM model are contained in Table 5.
- 16 These are calculated by applying the 2021 UTRs from tab 11 of the IRM model against the 2019
- 17 units billed.

IESO		Network					Line Connection					
Month	Units Billed	Units Billed Ra		te Amount		Units Billed		Rate		Amount		
January	35,965	\$	3.9200	\$	140,983	38,613	\$	0.9700	\$	37,455		
February	35,350	\$	3.9200	\$	138,572	36,300	\$	0.9700	\$	35,211		
March	31,059	\$	3.9200	\$	121,751	35,394	\$	0.9700	\$	34,332		
April	26,983	\$	3.9200	\$	105,773	48,555	\$	0.9700	\$	47,09		
May	24,975	\$	3.9200	\$	97,902	30,407	\$	0.9700	\$	29,49		
June	38,900	\$	3.9200	\$	152,488	41,033	\$	0.9700	\$	39,80		
July	43,702	\$	3.9200	\$	171,311	48,990	\$	0.9700	\$	47,52		
August	43,262	\$	3.9200	\$	169,587	44,342	\$	0.9700	\$	43,01		
September	41,551	\$	3.9200	\$	162,880	42,065	\$	0.9700	\$	40,80		
October	34,998	\$	3.9200	\$	137,192	35,188	\$	0.9700	\$	34,13		
November	28,622	\$	3.9200	\$	112,198	32,109	\$	0.9700	\$	31,14		
December	33,180	\$	3.9200	\$	130,066	36,945	\$	0.9700	\$	35,83		
Total	418,547	\$	3.92	\$	1,640,704	469,940	\$	0.97	\$	455,84		

Table 5: Forecast Network and Connection Costs

2

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3 Billing Determinants for RTSRs

4 The billing determinants for all rate classes, other than the Large Use and GS>50, used to 5 calculate the required revenue are based on 2019 actual data as reported in RRR 2.1.5 in May 6 2020. The Large Use rate class was approved for NOTL Hydro in its 2019 CoS and therefore 7 the historical data for this rate class (consisting of one customer) was for the period from May 1, 8 2019 to December 31, 2019 in RRR filings for 2019. The billing determinants for the Large Use 9 rate class are based on the annual consumption for the large use customer for 2019 (see Table 10 2). 11 NOTL Hydro's GS>50kW rate class includes both interval and non-interval customers. RRR 12 submission form 2.1.5 does not allow for the data specific to interval customers to be input 13 separately. Therefore, the GS>50 kWh and kW data pre-populated in the model has been 14 modified to distinguish between interval and non-interval customers. The determinants used for interval customers network demand and connection demand are different. This is because the 15

demand applicable to network charges is "7-7" demand¹ and the regular demand definition is
 applicable to connection charges. In addition, GS>50kW data was adjusted to remove the

18 portion from the forecast Large Use customer that was included in the GS>50 rate class in

19 2019.

¹ Demand based on peak kW from 07:00 to 19:00 hours on non-Holiday weekdays

Table 6: GS>50 adjusted RTSR Billing Determinants

	Connecti	ion	Network			
	kWh	kW	kWh	kW		
RRR Data GS > 50*	93,826,101	244,872	93,826,101	239,290		
GS>50	38,543,790	106,334	38,543,790	106,334		
GS>50 Interval	55,282,311	138,537	55,282,311	132,956		
Total GS>50	93,826,101	244,872	93,826,101	239,290		
Adjust: Large Use Customer						
GS>50	0	0	0	0		
GS>50 Interval	(8,551,956)	(28,740)	(8,551,956)	(26,589		
Total Adjustment	(8,551,956)	(28,740)	(8,551,956)	(26,589		
Billing Determinants						
GS>50	38,543,790	106,334	38,543,790	106,334		
GS>50 Interval	46,730,355	109,797	46,730,355	106,367		
Total Billing Determinant	85,274,145	216,132	85,274,145	212,701		

* for RRR reporting, demand is based on total demand consistent with connection charges.

1

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Table 7: Large Use adjusted RTSR Billing Determinants

	Connect	ion	Networ	k
	kWh	kW	kWh	kW
RRR Data Large Use*	17,267,572	56,470	17,267,572	54,194
Adjust: Large Use Customer from GS>50 Interval	8,551,956	28,740	8,551,956	26,589
Billing Determinants				
Total Billing Determinant	25,819,528	85,210	25,819,528	80,782

5 6

* for RRR reporting, demand is based on total demand consistent with connection charges.

Table 8: RTSR Billing Determinants (IRM Generator tab 10)

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
sidential Service Classification R sidential Service Classification R nereral Service Less Than 50 kW Service Classification R nereral Service Less Than 50 kW Service Classification R nereral Service Stran 50 kW Service Classification R nereral Service 50 r 4.998 kW Service Classification R reg Use Service Classification R reg Use Service Classification R reg Use Service Classification R remetered Scattered Load Service Classification R R				motorou trim	motorounti		Billou kithi
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	75,007,658	0	1.0373	77,805,44
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	75,007,658	0	1.0373	77,805,44
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	42,102,477	0	1.0373	43,672,8
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	42,102,477	0	1.0373	43,672,8
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9048	38,543,790	106,334		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347	38,543,790	106,334		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394	46,730,355	106,367		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Meter	en \$/kW	1.2861	46,730,355	109,797		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394	25,819,528	80,782		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Meter	en \$/kW	1.2861	25,819,528	85,210		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	254,508	0	1.0373	264,0
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	254,508	0	1.0373	264,0
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1903	854,489	2,390		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134	854,489	2,390		

7 8

9 Proposed RTSR Rates

- 10 Table 9 contains the proposed rates to recover forecast network and connection costs based on
- 11 the billing determinants from Table 8 and is taken from tab 15 of the IRM model:

² 3

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Table 9: Proposed RTSR Rates

Rate Class	Rate Description	Unit	Proposed RTSR- Network
Residential Service Classification	Network Service Rate	\$/kWh	0.0070
General Service Less Than 50 kW Service Classification	Network Service Rate	\$/kWh	0.0064
General Service 50 To 4,999 kW Service Classification	Network Service Rate	\$/kW	2.6179
General Service 50 To 4,999 kW Service Classification	Network Service Rate - Interval Metered	\$/kW	2.8294
Large Use Service Classification	Network Service Rate - Interval Metered	\$/kW	2.8294
Unmetered Scattered Load Service Classification	Network Service Rate	\$/kWh	0.0064
Street Lighting Service Classification	Network Service Rate	\$/kW	1.9740
Rate Class	Rate Description	Unit	Proposed RTSR- Connection
Residential Service Classification	Line and Transformation Connection Service Rate	\$/kWh	0.0014
General Service Less Than 50 kW Service Classification	Line and Transformation Connection Service Rate	\$/kWh	0.0014
General Service 50 To 4,999 kW Service Classification	Line and Transformation Connection Service Rate	\$/kW	0.4842
General Service 50 To 4,999 kW Service Classification	Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.1645
Large Use Service Classification	Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.1645
Unmetered Scattered Load Service Classification	Line and Transformation Connection Service Rate	\$/kWh	0.0014
	Line and Transformation Connection Service Rate	\$/kW	0.3743

2

1

3 NOTL Hydro utilized the current 2020 Uniform Transmission rates to forecast the proposed

4 rates. NOTL Hydro understands that the OEB will adjust each applicant's model to reflect any

5 UTR changes on January 1, 2021 when they are determined. The IRM Model incorporating the

6 RTSR calculations is being submitted separately in Excel and PDF formats.

- 7 The bill impacts for Network Service Rate range between -9.44% and 12.50% while the bill
- 8 impacts for the Line and Transformation Connection Service Rate range between -9.87% and -
- 9 10.26%. Table 10 summarizes the bill impacts by rate class.

Table 10: RTSR Network Service Rate and Line and Transformation Connection Service Rate Bill Impacts

		Network S	ervice Rate - Bi	ll Impact				
		Consumption (includes		Current	Proposed	Proposed		
Rate Class	Units	losses)	Current Rate	Charge	Rate	Charge	\$ Impact	% Impact
Residentatial (RPP)	kWh	778	0.0078	6.07	0.0070	5.45	(0.62)	(10.26%)
GS<50 kW (RPP)	kWh	2,075	0.0071	14.73	0.0064	13.28	(1.45)	(9.86%)
GS >50 and < 4.9999 kW (Non-RPP - Other)	kW	135	2.9048	392.15	2.6179	353.42	(38.73)	(9.88%)
Large Use (Non-RPP - Other)	kW	7,100	3.1394	22,289.74	2.8294	20,088.74	(2,201.00)	(9.87%)
Unmetered (RPP)	kWh	830	0.0071	5.89	0.0064	5.31	(0.58)	(9.86%)
Street Lighting (RPP)	kW	29	2.1903	63.52	1.9740	57.25	(6.27)	(9.88%)
Residential (Non-RPP - Retailer)	kWh	778	0.0078	6.07	0.0070	5.45	(0.62)	(10.26%)
GS <50 kW (Non-RPP - Retailer)	kWh	2,075	0.0071	14.73	0.0064	13.28	(1.45)	(9.86%)
GS >50 and < 4.9999 kW (Non-RPP - Retailer)	kW	135	2.9048	392.15	2.6179	353.42	(38.73)	(9.88%)
Street Lighting (Non-RPP - Other)	kW	29	2.1903	63.52	1.9740	57.25	(6.27)	(9.88%)
GS >50 and < 4.9999 kW (Non-RPP - Interval)	kW	135	3.1394	423.82	2.8294	381.97	(41.85)	(9.87%)
	Line and	Transformation	Connection Se	rvice Rate - Bill	Impact			
		Consumption						
		(includes		Current	Proposed	Proposed		
Rate Class	Units	losses)	Current Rate	Charge	Rate	Charge	\$ Impact	% Impact
Residentatial (RPP)	kWh	778	0.0016	1.24	0.0014	1.09	(0.16)	(12.50%)
GS<50 kW (RPP)	kWh	2,075	0.0016	3.32	0.0014	2.90	(0.41)	(12.50%)
GS >50 and < 4.9999 kW (Non-RPP - Other)	kW	135	0.5347	72.18	0.4842	65.37	(6.82)	(9.44%)
Large Use (Non-RPP - Other)	kW	7,100	1.2861	9,131.31	1.1645	8,267.95	(863.36)	(9.45%)
Unmetered (RPP)	kWh	830	0.0016	1.33	0.0014	1.16	(0.17)	(12.50%)
Street Lighting (RPP)	kW	29	0.4134	11.99	0.3743	10.85	(1.13)	(9.46%)
Residential (Non-RPP - Retailer)	kWh	778	0.0016	1.24	0.0014	1.09	(0.16)	(12.50%)
GS <50 kW (Non-RPP - Retailer)	kWh	2,075	0.0016	3.32	0.0014	2.90	(0.41)	(12.50%)
GS >50 and < 4.9999 kW (Non-RPP - Retailer)	kW	135	0.5347	72.18	0.4842	65.37	(6.82)	(9.44%)
Street Lighting (Non-RPP - Other)	kW	29	0.4134	11.99	0.3743	10.85	(1.13)	(9.46%)
GS >50 and < 4.9999 kW (Non-RPP - Interval)	kW	135	1.2861	173.62	1.1645	157.21	(16.42)	(9.45%)

1 The decrease in the Network Service Rate is impacted by the following factors:

Units Billed: The units billed used in NOTL Hydro's 2020 IRM was 449,081kW based on
 2018 actual amounts billed, for the 2021 IRM the units billed to calculate the total
 Network amount is 418,547kW based on 2019 actual amounts billed. This represents a
 decrease of 30,534kW or 6.8%.

Billing Determinants: The billing determinant for the Large Use customer class
increased to 80,782kW from the estimate of 60,000kW reflected in NOTL's 2020 IRM.
An increase of 20,782kW. This in turn reduced the network rates for all classes.

9 The decrease in the Connection Service Rate is impacted by the billing determinant for the

10 Large Use customer class which increased to 85,210kW from the estimate of 60,000kW

11 reflected in NOTL's 2020 IRM. An increase of 25,210kW. This in turn reduced the connection

12 rates for all classes.

3.2.5 Review and Disposition of Group 1 Deferral and Variance Account Balances.

15 On April 16, 2020, the OEB's Decision and Rate Order (EB-2019-0056) approved a one-year

16 disposition for NOTL Hydro's December 31, 2018 Group 1 deferral and variance accounts.

17 Table 11 contains the principal and interest amounts approved for disposition in NOTL Hydro's

- 18 2020 IRM application.
- 19

Table 11: Approved Dispositions

		Claimed for			
	Account	Disposition (Y/N)	Principal Claim	Interest Claim	Total Claim
1551	Smart Metering Entity Charge Variance Account	Y	(9,565)	(393)	(9,958)
1580	RSVA - Wholesale Market Service Charge	Y	(26,236)	(559)	(26,795)
1580	Variance WMS – Sub-account CBR Class A	N	-	-	-
1580	Variance WMS – Sub-account CBR Class B	Y	(6,540)	(264)	(6,804)
1584	RSVA - Retail Transmission Network Charge	Y	80,771	3,690	84,461
1586	RSVA - Retail Transmission Connection Charge	Y	16,183	1,068	17,251
1588	RSVA - Power (excluding Global Adjustment)	Y	16,421	7,468	23,889
1589	RSVA - Global Adjustment	Y	214,451	4,145	218,596
Total G	roup 1		285,485	15,155	300,641

20

21 In 2020, the approved balances were transferred to a sub-account of 1595 in accordance with

the Decision and Order. The corresponding rate riders for the refund/recovery of the approved

23 balances are effective until April 30, 2021.

- 1 The disposed amounts for Group 1 accounts are entered in Columns BM and BN of tab 3 of the
- 2 IRM model.
- 3

Table 12: IRM Model Approved Dispositions (tab 3)

C	D	BM	BN	BO	BP
			2	2020	
Account Descriptions	Account Number	Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB	· ·	Closing Interest Balances as of Dec 31, 2019 Adjusted for Disposition during 2020
Group 1 Accounts					
LV Variance Account	1550	0	0	0	(
Smart Metering Entity Charge Variance Account	1551	(9,565)	(393)	(2,480)	11
RSVA - Wholesale Market Service Charge⁵	1580	(26,236)	(559)	(72,634)	(1,361
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	(
Variance WMS – Sub-account CBR Class B ⁵	1580	(6,540)	(264)	(23,504)	(188
RSVA - Retail Transmission Network Charge	1584	80,771	3,690	(28,818)	(1,503
RSVA - Retail Transmission Connection Charge	1586	16,183	1,068	(65,342)	(614
RSVA - Power ⁴	1588	16,421	7,468	(11,142)	2,296
RSVA - Global Adjustment ⁴	1589	214,451	4,145	(35,012)	(2,190
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	0	0	(
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	0	(6,326
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	0	1,656	37
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	0	43,754	11,855
Disposition and Recovery/Refund of Regulatory Balances (2019) ³					
Refer to the Filing Requirements for disposition eligibility.	1595	0	0	147,462	21,299
RSVA - Global Adjustment	1589	214,451	4,145	(35,012)	(2,190
Total Group 1 Balance excluding Account 1589 - Global Adjustment		71,035	11,010	(11,050)	25,50
Total Group 1 Balance		285,485	15,155	(46,063)	23,31
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	0	0	(
Total including Account 1568		285,485	15,155	(46,063)	23,31

5 2021 IRM CLAIM – GROUP 1 ACCOUNTS

- 6 This section sets out the 2021 IRM Claims for the Group 1 Accounts.
- 7 Please note that in the continuity schedule in tab 3 of the IRM model, the starting point for all
- 8 non-1595 account entries are the date for which approval was received in the 2020 IRM, i.e.
- 9 December 31, 2018. The starting point for 1595 accounts has been completed starting
- 10 December 31, 2016 as this is the earliest vintage year where there is a balance in account
- 11 1595.

4

12 Interest Rates

- 13 The interest rates that have been used to calculate actual and forecasted carrying charges are
- 14 shown in Table 13 and are in accordance with the methodology approved by the OEB in EB-
- 15 2006-0117 on November 28, 2006.

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Quarter by Year	Prescribed interest Rate
2016 - Q1	1.10%
2016 - Q2	1.10%
2016 - Q3	1.10%
2016 - Q4	1.10%
2017 - Q1	1.10%
2017 - Q2	1.10%
2017 - Q3	1.10%
2017 - Q4	1.50%
2018 - Q1	1.50%
2018 - Q2	1.89%
2018 - Q3	1.89%
2018 - Q4	2.17%
2019 - Q1	2.45%
2019 - Q2	2.18%
2019 - Q3	2.18%
2019 - Q4	2.18%
2020 - Q1	2.18%
2020 - Q2	2.18%
2020 - Q3	0.57%
2020 - Q4*	0.57%
2021 - Q1*	0.57%
2020 - Q2*	0.57%

Table 13: Interest Rates Applied to Deferral and Variance Accounts (%)

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3 Claimed Amounts

- 4 The total Group 1 Accounts claim is a credit amount of \$246,223 as per cell BT41 of tab 3 of the
- 5 2021 IRM model and summarized in Table 14 below.
- 6

Table 14: Summary of Claims

Account Descriptions	Account Number	Total Claim
Group 1 Accounts		
LV Variance Account	1550	(
Smart Metering Entity Charge Variance Account	1551	(2,508
RSVA - Wholesale Market Service Charge ⁵	1580	(75,132
Variance WMS – Sub-account CBR Class A ⁵	1580	(
Variance WMS – Sub-account CBR Class B ⁵	1580	(24,061
RSVA - Retail Transmission Network Charge	1584	(30,772
RSVA - Retail Transmission Connection Charge	1586	(66,979
RSVA - Power ⁴	1588	(9,020
RSVA - Global Adjustment ⁴	1589	(37,751
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	(
Disposition and Recovery/Refund of Regulatory Balances (2019) ³		
Refer to the Filing Requirements for disposition eligibility.	1595	C
RSVA - Global Adjustment	1589	(37,751
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(208,472
Total Group 1 Balance		(246,223

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account balances in the trial balance reported through RRR and the audited statements. The variance of (\$30,497) as calculated in cell BW23 on tab 3 of the IRM model is a result of the RRR value recorded in cell BV23 including the amounts for account 1580 – Variance WMS – Sub-account CDR Class B for (\$30,497).
NOTL Hydro Confirms that no adjustments are being made to any DVA balances previously approved by the OEB on a final basis. **1550 Retail Settlement Variance Account – Low Voltage Variance Account**NOTL Hydro has not had any transactions and a zero balance in this account since disposition of the account in NOTL Hydro's 2009 Cost of Service application, EB-2008-0237. NOTL Hydro is not an Embedded Distributor.

The balances for account 1580 RSVA – Wholesale Market Service Charge differs from the

- 12 **1551 Smart Metering Entity Charge Variance Account**
- 13 For 2021, NOTL Hydro is requesting disposition of:

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- a closing principal balance at December 31, 2019 of (\$2,480) adjusted for dispositions
 during 2020, plus
- a closing interest balance at December 31, 2019 of \$11 adjusted for dispositions during
 2020, plus
- 18 the forecasted interest of (\$34) for 2020, plus
- the forecasted interest of (\$5) for January 1, 2021 through April 30, 2021.
- 20 The total claim for this account is a credit balance of (\$2,508).

21 **1580** Retail Settlement Variance Account - Wholesale Market Service Charges (exc.

22 CBR – Class B & CBR – Class A)

- 23 This account includes the reversal of a principal adjustment recorded in 2018 of (\$415) and
- reversal of an interest adjustment of (\$7). These adjustments are offset in account 1580 –
- 25 WMS Sub-account CBR Class A. The adjustments are required as the unbilled revenue entry in
- 26 December 2018 incorrectly included the Class A amount. This was corrected in 2019.
- 27 For 2021, NOTL Hydro is requesting disposition of:

2 during 2020, plus 3 a closing interest balance at December 31, 2019 of (\$1,361) adjusted for dispositions during 2020, plus 4 the forecasted interest of (\$999) for 2020, plus 5 6 the forecasted interest of (\$138) for January 1, 2021 through April 30, 2021 • 7 The total claim for this account is a credit balance of (\$75,132). 8 1580 Retail Settlement Variance Account - Wholesale Market Service Charges (sub-9 account CBR – Class A) 10 This account includes the reversal of a principal adjustment of \$415 and interest adjustment of 11 \$7. These adjustments are offset in account 1580 RSVA – Wholesale Market Service Charges. 12 The adjustments are required as the unbilled revenue entry in December 2018 included the 13 Class A amount that was corrected in 2019. 14 This account has a zero balance and therefore NOTL Hydro is not requesting disposition of this account in 2021. 15 16 1580 Retail Settlement Variance Account - Wholesale Market Service Charges (sub-17 account CBR – Class B) 18 For 2021, NOTL Hydro is requesting disposition of: 19 a closing principal balance at December 31, 2019 of (\$23,504) adjusted for dispositions 20 during 2020, plus 21 a closing interest balance at December 31, 2019 of (\$188) adjusted for dispositions 22 during 2020, plus 23 the forecasted interest of (\$323) for 2020, plus 24 the forecasted interest of (\$45) for January 1, 2021 through April 30, 2021. • 25 The total claim for this account is a credit balance of (\$24,061). NOTL Hydro had two customers transition from Class A to Class B during the period when the 26 27 Account 1580 sub-account CBR Class B balance accumulated. The tables below show the 28 allocation calculations which resulted in (\$442) of the variance allocated to transition customers.

a closing principal balance at December 31, 2019 of (\$72,634) adjusted for dispositions

Table 15: Class A Transition Customers – Non-loss Adjusted Billing Determinants

Transition Customers - Non-loss Adjusted Billing Determinants by Customer								
			2019					
Customer	Rate Class		January to June	July to December				
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,630,912	1,535,869				
		kW	3,959	3,706				
		Class A/B	А	В				
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,890,449	2,015,162				
		kW	4,626	4,909				
		Class A/B	A	В				

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Table 16: Allocation of Total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2019
Total Consumption Less WMP Consumption	А	229,312,805	229,312,805
Less Class A Consumption for Partial Year Class A Customers	В	3,521,361	3,521,361
Less Consumption for Full Year Class A Customers	С	32,320,539	32,320,539
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	193,470,906	193,470,906
All Class B Consumption for Transition Customers	E	3,551,031	3,551,031
Transition Customers' Portion of Total Consumption	F = E/D	1.84%	

6

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Table 17: Allocation of Total CBR Class B Balance

Total CBR Class B Balance	G	-\$	24,061
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	442
CBR Class B Balance to be disposed to Current Class B			
Customers through Rate Rider	I=G-H	-\$	23,619

8 1584 Retail Settlement Variance Account - Retail Transmission Network Charges

- 9 This account is used to record the net of the amount charged by the IESO, based on the
- 10 settlement invoice for transmission network services, and the amount billed to customers using
- 11 the OEB approved Retail Transmission Network Charge. NOTL Hydro uses the accrual method.
- 12 For 2021, NOTL Hydro is requesting disposition of:
- a closing principal balance at December 31, 2019 of (\$28,818) adjusted for dispositions
 during 2020, plus
- a closing interest balance at December 31, 2019 of (\$1,503) adjusted for dispositions
 during 2020, plus
- 17 the forecasted interest of (\$396) for 2020, plus
- the forecasted interest of (\$55) for January 1, 2021 through April 30, 2021.
- 19 The total claim for this account is a credit balance of (\$30,772).

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1	1586 Retail Settlement Variance Account - Retail Transmission Connection Charges
2 3 4 5	This account is used to record the net of the amount charged by the IESO, based on the settlement invoice for transmission connection services, and the amount billed to customers using the OEB approved Transmission Connection Charge. NOTL Hydro uses the accrual method.
6	For 2021, NOTL Hydro is requesting disposition of:
7 8	 a closing principal balance at December 31, 2019 of (\$65,342) adjusted for dispositions during 2020, plus
9 10	 a closing interest balance at December 31, 2019 of (\$614) adjusted for dispositions during 2020, plus
11	 the forecasted interest of (\$898) for 2020 plus
12	• the forecasted interest of (\$124) for January 1, 2021 through April 30, 2021.
13	The total claim for this account is a credit balance of (\$66,979).
14	1588 Retail Settlement Variance Account – Power
15 16 17	This account is used to recover the net difference between the energy amount billed to customers and the energy charge to NOTL Hydro using the settlement invoices from the IESO. NOTL Hydro uses the accrual method.
18	For 2021, NOTL Hydro is requesting disposition of:
19 20	 a closing principal balance at December 31, 2019 of (\$11,142) adjusted for dispositions during 2020, plus
21 22	 a closing interest balance at December 31, 2019 of \$2,296 adjusted for dispositions during 2020, plus
23	 the forecasted interest of (\$153) for 2020, plus
24	• the forecasted interest of (\$21) for January 1, 2021 through April 30, 2021.
25	The total claim for this account is a credit balance of (\$9,020).
26	1589 Retail Settlement Variance Account - Global Adjustment ("GA")

- 1 This account is used to recover the net difference between the GA amount billed to non-RPP
- 2 customers and the GA charge to NOTL Hydro for non-RPP customers using the settlement
- 3 invoices from the IESO. NOTL Hydro uses the accrual method.
- 4 For 2021, NOTL Hydro is requesting disposition of:
- a closing principal balance at December 31, 2019 of (\$35,012) adjusted for dispositions
 during 2020, plus
- a closing interest balance at December 31, 2019 of (\$2,190) adjusted for dispositions
 during 2020, plus
- 9 the forecasted interest of (\$481) for 2020, plus
- the forecasted interest of (\$67) for January 1 through April 30, 2021.
- 11 The total claim for this account is a credit balance of (\$37,751).
- 12 This claim includes the reversal of the following adjustments totalling \$78,553:
- 13 \$35,661 difference between generation estimates provided to the IESO and actual
- 14 generation amounts for 2016
- \$42,892 difference between generation estimates provided to the IESO and actual
 generation amounts for 2017
- 17 This amount was trued-up with the IESO as a prior period adjustment in September 2019.
- 18 **1595 Disposition and Recovery of Regulatory Balances**
- 19 This account includes the regulatory asset or liability balances authorized by the OEB for
- 20 recovery in rates or payments/credits made to customers. Separate sub-accounts are
- 21 maintained for approved principal/recoveries, approved interest and interest on net principal for
- 22 each OEB approved recovery.
- 23 NOTL Hydro is not claiming any disposition of its prior year 1595 regulatory balances in this
- 24 application. NOTL Hydro has previously disposed of its regulatory balances up to and including
- 25 2015.
- 26 1508 Large Use Variance Account

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1	NOTL Hydro was approved for a 1508 sub account – Large Use Variance in its 2019 CoS. Due
2	to uncertainty around the actual demand for this customer at the time, NOTL Hydro proposed
3	and was approved for the use of variance account to track variances in variable distribution
4	revenue from the 5,000kW demand estimated in the application. Consistent with the draft
5	accounting order, following the audit of each year's accounts, the amount is to be
6	recovered/returned to customers.
7	For 2021, NOTL Hydro is requesting disposition of:
8	• a closing principal balance at December 31, 2019 of (\$29,604) adjusted for dispositions
9	during 2020, plus
10 11	 a closing interest balance at December 31, 2019 of (\$181) adjusted for dispositions during 2020, plus
12	 the forecasted interest of (\$407) for 2020, plus
13	• the forecasted interest of (\$56) for January 1 through April 30, 2021.
14	The total claim for this account is a credit balance of (\$30,248).
15	Table 18: 1508 Large Use Deferral Account Continuity
16	Image: Normal Science of the sector
17	The total claim of (\$30,248) will be allocated to each rate class based on 2019 distribution
18	revenue. Note that the Large User and GS>50 categories in the table below have been
19	adjusted to include the entire year for the one Large Use customer in the Large Use category.
20	That customer was included in the GS>50 category from January 1, 2019 – April 30, 2019.
21	Table 19: Allocation of Large Use Variance Account

					% of			
				Distribution	Distribution			
	kWh	kW	Customers	Revenue	Revenue	Allocation	Rat	e Rider
Residential	75,007,657.65	-	8,060.00	2,819,516.14	51.8%	(15,661.65)	(0.16)	per customer/month
GS<50	42,102,477.24	-	1,371.00	1,174,117.16	21.6%	(6,521.90)	(0.0002)	per kWh
GS>50*	85,274,145.21	216,132.00	126.00	985,087.95	18.1%	(5,471.90)	(0.0253)	per KW
Large User*	25,819,528.00	85,210.00	1.00	165,622.29	3.0%	(919.99)	(0.0108)	per KW
USL	254,507.89	-	30.00	8,417.60	0.2%	(46.76)	(0.0002)	per kWh
Street Lights	854,489.36	2,390.00	2,148.00	292,682.13	5.4%	(1,625.77)	(0.6802)	per KW
Total	229,312,805.35	303,732.00	11,736.00	5,445,443.27	100.0%	(30,247.96)		
* adjusted to incl	ude large use custom	ner as Large User f	or calendar 2019					

23

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1 **Determinants**

- 2 The billing determinants for all rate classes, other than the Large Use and GS>50, are based on
- 3 2019 actual data as reported in RRR 2.1.5 in May 2020. The Large Use rate class was
- 4 approved for NOTL Hydro in its 2019 Cost of Service effective May 1, 2019. For the purpose of
- 5 this application, NOTL Hydro requested that Board Staff adjust the billing determinants for the
- 6 Large Use rate class (which consists of one customer) to include the consumption for this
- 7 customer from January 1, 2019 to December 31, 2019. In addition, GS>50kW data was
- 8 adjusted to remove the portion from the January 1, 2019 through April 30, 2019 consumption
- 9 and demand for the Large Use customer. (see Table 2).
- 10 The number of residential and GS<50kW customers for use in allocating account 1551 were
- 11 auto-populated from the RRR 2.1.2 from February 2020 for customers as of December 31,
- 12 2019. NOTL Hydro confirms the accuracy of the auto-populated data.

13 **Disposition**

- 14 All GA rate riders are calculated on a kWh basis.
- 15 Consistent with EDDVAR, NOTL Hydro proposes that the disposition period to dispose of the
- 16 Group 1 account balances by means of a rate rider to be one year. NOTL Hydro also proposes
- 17 that the disposition period for account 1508 Large Use Variance be one year.

18 Threshold Test

- 19 The Threshold Test referred to in Section 3.2.5 of the Filing Guidelines is met based on the
- 20 following calculations:
- 21 Total Claim for Threshold Test = (\$246,223)
- 22 Total metered kWh = 229,312,805

23 Threshold test (total claim per kWh) = (\$246,223) / 229,312,805 = (\$0.0011), which exceeds the

threshold of a minimum of \$0.001 per kWh in magnitude.

25 Rate Riders

- 26 The proposed rate riders for disposition of the Group 1 account claims are as shown below in
- 27 Table 20, reflecting tabs 6 and 7 of the IRM model, with a proposed recovery period of one year.
- 28

Rate Class	Unit	Group 1 Deferral/Variance Account Rate Rider	Class B CBR Rate Rider	Non-RPP Global Adjustment Rate Rider	Large Use Deferral/Variance Account Rate Rider
Residential	kWh	(0.0008)	(0.0001)	(0.0005)	
Residential	\$				(0.16)
General Service less than 50 kW	kWh	(0.0008)	(0.0001)	(0.0005)	(0.0002)
General Service 50 to 4,999 kW	kW	(0.3130)	(0.0480)		(0.0253)
General Service 50 to 4,999 kW	kWh			(0.0005)	
Large Use	kW	(0.2404)			(0.0108)
Unmetered Scattered Load	kWh	(0.0008)	(0.0001)	(0.0005)	(0.0002)
Street Lighting	kW	(0.2836)	(0.0444)		(0.6802)
Street Lighting	kWh			(0.0005)	

Table 20: Proposed Deferral/Variance Account Rate Riders (excluding LRAM)

3 3.2.5.1 Wholesale Market Participants

4 NOTL Hydro does not have any Wholesale Market Participants within its territory.

5 3.2.5.2 Global Adjustment

- 6 NOTL Hydro settles GA costs with Class A customers on actual GA prices and no GA variance
- 7 is allocated to these customers for the period that they were designated class A.
- 8 The calculation for Class B customers and allocation to Class A customers that transitioned
- 9 during the period are shown below.
- 10

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Table 21: Rate Rider Calculation for RSVA – Power – Global Adjustment

		Total Metered Non-RPP 2019 Consumption excluding WMP	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)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,199,683	0	0	1,199,683	1.6%	(\$591)	(\$0.0005)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	4,588,203	0	0	4,588,203	6.3%	(\$2,261)	(\$0.0005)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	79,969,836	6,501,011	7,072,392	66,396,434	90.9%	(\$32,714)	(\$0.0005)	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	25,819,528	25,819,528	0	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	117,792	0	0	117,792	0.2%	(\$58)	(\$0.0005)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	765,439	0	0	765,439	1.0%	(\$377)	(\$0.0005)	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
	Total	112,460,481	32,320,539	7,072,392	73,067,551	100.0%	(\$36,001)		

- 12 NOTL Hydro had two customers transition from Class A to Class B during the period when the
- 13 Account 1589 RSVA Global Adjustment balance accumulated. The tables below show the
- 14 allocation calculations which resulted in (\$1,750) of the variance allocated to transition
- 15 customers.

Table 22: Class A Transition Customers – Non-loss Adjusted Billing Determinants

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

			20	19
Customer	Rate Class		January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,630,912	1,535,869
		kW	3,959	3,706
		Class A/B	А	В
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,890,449	2,015,162
		kW	4,626	4,909
		Class A/B	А	В

²

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Table 23: Allocation of Total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2019
Non-RPP Consumption Less WMP Consumption	А	112,460,481	112,460,481
Less Class A Consumption for Partial Year Class A Customers	В	3,521,361	3,521,361
Less Consumption for Full Year Class A Customers	С	32,320,539	32,320,539
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	76,618,582	76,618,582
All Class B Consumption for Transition Customers	E	3,551,031	3,551,031
Transition Customers' Portion of Total Consumption	F = E/D	4.63%	

5 6

Table 24: Allocation of Total GA Balance

Allocation of Total GA Balance \$ Total GA Balance	G	-\$ 37,751	1			
	H=F*G	-\$ 1,750				
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	-\$ 36,001				
Allocation of GA Balances to Class A/B Transition Custo	omers	2	1			
# of Class A/B Transition Customers	omers		Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2019		When They Were Class B	Month Equal Payme
≇ of Class A/B Transition Customers	omers	(kWh) for Transition Customers During the Period When They	Transition Customers During the Period When They Were Class B Customers in 2019		Allocation for the Period When They Were Class B customers	Equal Payme
Allocation of GA Balances to Class A/B Transition Custo # of Class A/B Transition Customers Customer Customer 1 Customer 2	omers	(kWh) for Transition Customers During the Period When They Were Class B Customers	Transition Customers During the Period When They Were Class B Customers in 2019 1,535,869	% of kWh	Allocation for the Period When They Were Class B customers -\$ 757	Equal Payme -\$

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8 GA Analysis Workform

- 9 The GA Analysis Workform is attached as Appendix 3. NOTL Hydro has fully implemented the
- 10 OEB's February 21 2019 accounting guidance. NOTL Hydro does not have any previous 1589
- 11 balances that were approved on an interim basis.
- 12 NOTL Hydro bills non-RPP customers on the actual GA rate. Unbilled revenue for 2019 was
- 13 trued-up to the actual amount billed and is therefore based on the actual GA rate.
- 14 The expected GA amount for non-RPP Class B Customers for 2019 was \$8,663,487.
- 15

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A	8	С	D	E	F	G	н	1	J	K
ote 4	Analysis of Expected GA Amount									
	Year	2019								
				Add Current	Non-RPP Class B					
			Deduct Previous	Month Unbilled	Including Loss					
		Non-RPP Class B	Month Unbilled Loss	Loss Adjusted	Adjusted Consumption,					
		Including Loss Factor	Adjusted	Consumption	Adjusted for Unbilled	GA Rate Billed	\$ Consumption	GA Actual Rate	\$ Consumption at	Expected G
	Calendar Month	Billed Consumption (kWh)	Consumption (kWh)	(kWh)	(kWh)	(\$/kWh)	at GA Rate Billed	Paid (\$/kWh)	Actual Rate Paid	Variance (\$
		F	G	н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
	January	6,541,912			6,541,912	0.08092	\$ 529,371	0.08092	\$ 529,371	S
	February	5,946,329			5,946,329	0.08812	\$ 523,991	0.08812	\$ 523,991	\$
	March	6,306,558			6,306,558	0.08041	\$ 507,110	0.08041	\$ 507,110	\$
	April	5,530,369			5,530,369	0.12333		0.12333		
	May	5,649,161			5,649,161	0.12604	\$ 712,020	0.12604	\$ 712,020	\$
	June	5,980,093			5,980,093	0.13728		0.13728		
	July	8,298,052			8,298,052	0.09645		0.09645		
	August	8,201,292			8,201,292	0.12607		0.12607		
	September	7,098,176			7,098,176	0.12263		0.12263		
	October	6,496,704			6,496,704	0.13680		0.13680		
	November	6,580,289			6,580,289	0.09953		0.09953		
	December	6,861,583			6,861,583	0.09321	\$ 639,568	0.09321	\$ 639,568	\$
	Net Change in Expected GA Balance in the Year (i.e.									
	Transactions in the Year)	79,490,517	-	-	79,490,517		\$ 8,663,487		\$ 8,663,487	\$

Table 25: Expected GA Amount

3 The amounts reflected in cells C41 through C52 in the GA 2019 tab in the GA Analysis

4 Workform are the actual non-RPP kWhs consumed in the month including losses. NOTL Hydro

5 creates a new effective date for the GA rate each month and is therefore able to derive accurate

6 consumption by month from the billing system. NOTL Hydro utilized this data in place of billed

7 amounts – previous month unbilled + current month unbilled as the data is more accurate.

8 As all Class B non-RPP customers are billed at the actual GA rate, the expected GA variance is

9 zero. The net change in account 1589 for 2019 was \$241,932 including OEB approved

10 dispositions of \$198,392. Excluding the approved dispositions, the net change in principal

11 balance for account 1589 for 2019 was \$43,540. The table below provides the reconciling

12 amounts and explanations.

13 Table 26: Reconciliation of Net Change in GA Amount (excluding OEB approved dispositions)

Note 5	Reconciling Items					
	Item	Amount	Explanation		Principal Adjustments	
Net C	hange in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 43,540		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation	\$ Principal Adjustment on DVA Continuity Schedule
1:	on Actual Non-RPP Volumes - prior year	\$-	n/a			
11	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$-	n/a			
23	revenue differences	\$-	2018 unbilled revenues were true-up to actual amounts at year end			
21	revenue differences	\$-	2019 unbilled revenues were true-up to actual amounts at year end			
38	Remove difference between prior year accrual/unbilled to actual from load transfers	\$-	n/a			
31	Add difference between current year accrual/unbilled to actual from load transfers	\$-	n/a			
:	Significant prior period billing adjustments recorded in current year	\$-	n/a			
4	Differences in actual system losses and billed TLFs	\$ 14,052	Difference between kWh used to calculate GA expense and actual amount billed to customers	No	Difference in losses to be captured in accounts 1588 and 1589	
4	CT 2148 for prior period corrections	\$ (78,677)	Generation estimates used for 1598 purposes were trued-up to actuals with the IESO and the difference was invoiced on the August 2019 invoice on line 2148.	Yes		
	Others as justified by distributor	\$-				
8	8	\$ -				
9		\$-				
10		\$-			I	
Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per Analysis	\$ (21,085) \$ -		Total Prin	cipal Adjustments on DVA Continuity Schedule	ş -
	Unresolved Difference Unresolved Difference as % of Expected GA Payments to IESO	\$ (21,085) (0.2%)				
		(0.270)				

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1 3.2.5.3 Commodity Accounts 1588 and 1589

2 New Accounting Guidance

- 3 NOTL Hydro confirms that it has fully implemented the OEB's February 21, 2019 guidance from
- 4 January 1, 2019. NOTL Hydro does not have any pre-2019 balances that have yet to be
- 5 disposed on a final basis.

6 Certification of Evidence

- 7 I, Jeff Klassen, Vice President Finance for NOTL Hydro certify to the best of my knowledge that
- 8 NOTL Hydro has robust processes and internal controls in place for the preparation, review,
- 9 verification and oversight of the account balances being disposed, consistent with the
- 10 certification requirements in Chapter 1 of the filing requirements.

11 3.2.5.4 Capacity Based Recover (CBR)

- 12 NOTL Hydro had two Class A customers and two customers transition from Class A to Class B
- 13 during the period when the Account 1580 sub-account CBR Class B balance accumulated. The
- 14 tables below show the allocation calculations which resulted in (\$442) of the variance allocated
- 15 to transition customers.

16

Table 27: Class A Transition Customers – Non-loss Adjusted Billing Determinants

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

			20	19
Customer	Rate Class		January to June	July to December
Customer 1	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,630,912	1,535,869
		kW	3,959	3,706
		Class A/B	А	В
Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	1,890,449	2,015,162
		kW	4,626	4,909
		Class A/B	A	В

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Table 28: Allocation of Total Consumption (kWh) between Class B and Class A/B Transition Customers

		Total	2019
Total Consumption Less WMP Consumption	А	229,312,805	229,312,805
Less Class A Consumption for Partial Year Class A Customers	В	3,521,361	3,521,361
Less Consumption for Full Year Class A Customers	С	32,320,539	32,320,539
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	193,470,906	193,470,906
All Class B Consumption for Transition Customers	E	3,551,031	3,551,031
Transition Customers' Portion of Total Consumption	F = E/D	1.84%	

Table 29: Allocation of Total CBR Class B Balance

Total CBR Class B Balance	G	-\$	24,061
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	442
CBR Class B Balance to be disposed to Current Class B			
2 Customers through Rate Rider	I=G-H	-\$	23,619

3 The CBR Class B rate rider calculated in tab 6.2 of the IRM model is greater than zero at the

4 fourth decimal place for all rate classes as seen in the table below

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Table 30: CBR Class B Rate Riders

		Total Metered : Consumption Minu		Total Metered 2019 Cons Full Year Class A Cu		Total Metered 2019 Consump Customers		Metered Consumption for Cus Customers (Total Consumption Class A and Transition Cu Consumption)	LESS WMP,		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	75,007,658	0	0	0	0	0	75,007,658	0	39.5%	(\$9,328)	(\$0.0001)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,102,477	0	0	0	0	0	42,102,477	0	22.2%	(\$5,236)	(\$0.0001)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,274,145	216,132	6,501,011	13,180	7,072,392	17,200	71,700,743	185,752	37.8%	(\$8,917)	(\$0.0480)	kW
LARGE USE SERVICE CLASSIFICATION	kW	25,819,528	85,210	25,819,528	85,210	0	0	0	0	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	254,508	0	0	0	0	0	254,508	0	0.1%	(\$32)	(\$0.0001)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	854,489	2,390	0	0	0	0	854,489	2,390	0.4%	(\$106)	(\$0.0444)	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	Ö	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
	Total	229,312,805	303,732	32,320,539	98,390	7,072,392	17,200	189,919,875	188,142	100.0%	(\$23,619)		

7 3.2.6 Lost Revenue Adjustment Mechanism 8 Variance Account (LRAMVA)

9 The LRAM Variance account shall include the lost revenue adjustment mechanism (LRAM) 10 variances in relation to the conservation and demand management (CDM) programs or activities 11 undertaken by a distributor in accordance with Board prescribed requirements (e.g. licence, codes 12 and guidelines). NOTL Hydro received approval for disposition of its 2016 and 2017 LRAMVA on 13 a final basis as part of its 2019 CoS application (EB-2018-0056). NOTL Hydro is seeking approval 14 for its LRAMVA balances from 2018 and 2019 in this application.

15 3.2.6.1 Disposition of LRAMVA

16 NOTL Hydro relied on the detail CDM Program Reported Results (Appendix 8) available on the

- 17 IESO website as well as the monthly Participation and Cost Reports (Appendix 9) provided by
- the IESO for January 1, 2018 to April 15, 2019 results. NOTL Hydro applied results from the
- 19 IESO's 2017 program evaluation (Appendix 10) to arrive that net savings values at the project
- 20 level. NOTL Hydro has not included any DR3 (Demand Response 3) savings in the LRAM
- 21 calculations.
- i. NOTL Hydro is seeking disposition of new lost revenues for 2018 and 2019 and prior year
 persistence savings from 2011 2018.
- ii. NOTL Hydro's LRAMVA claim is based on the IESO Final CDM Annual Reports and
 Persistence Savings Reports for 2011 2017. 2018 and 2019 results are based on the

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detail CDM Program Reported Results available on the IESO website as well as the
 monthly Participation and Cost Reports provided by the IESO from January 1, 2018 to
 April 15, 2019. NOTL Hydro applied results for the IESO's 2017 program evaluation to
 arrive that net savings values at the project level. NOTL Hydro still has some CFF projects
 in progress for 2020 that will be submitted at a later date.

6 iii. NOTL Hydro has relied on the most recent input assumptions available at the time of7 program evaluation.

8 iv. Table 31 below shows the principal and carrying amounts by rate class and the resulting

9 rate riders.

10

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Rate Class	Principal	Carry Charges	Total LRAMVA	Rate Rider	Units
Residential	14,858	617	15,475	0.0001	kWh
GS <50 KW 53,157		1,809	54,966	0.0006	kWh
GS 50 - 4,9999 KW	73,577	2,608	76,186	0.1748	kW
Large Use	0	0	0	0.0000	kW
Unmetered	0	0	0	0.0000	kWh
Street Lights	44,307	1,750	46,057	9.5584	kW
Total	185,900	6,785	192,684		

Table 31: LRAM by Rate Class

v. NOTL Hydro is proposing to recover the LRAMVA over 24 months consistent with the
 period over which the balance accumulated.

vi. NOTL Hydro confirms that the rate rider for all rate classes that are impacted are greater
 than or equal to 0.0001 and are therefore significant.

- vii. Forecasted CDM savings included in the LRAMVA calculation were approved by the OEBas follows:
 - a. 2014 Settlement Agreement, p. 54 (EB-2013-0155)

 19
 b. 2019 Decision and Order NOTL Hydro 20190423, Schedule A pg. 19 (EB-2018-20

 20
 0056)

viii. Rate class allocations were determined by reviewing the rate class of each customers ineach program.

ix. All data included in the attached LRAMVA model prior to 2018 was taken from the Final
 CDM Annual Report and Persistence Savings report issued by the IESO. Results for
 January 1, 2018 to December 31, 2019 were derived from the project level savings reports
 available on the IESO website as well as the Monthly Participation and Cost Reports. A
 summary of the project level savings is attached as Appendix 8. The process followed by
 NOTL Hydro is described below:

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1	a.	Exported CDM Program Reported results from the IESO website for reporting		
2		years 2018 – 2020.		
3	b.	Removed any projects from the export with a project completion date in 2017 or		
4		before as well as 2020 so all submissions are from 2018 and 2019.		
5	C.	2017 Final Verified Results were used to determine the Net-to-Gross factor as well		
6		as the Realization Rate for each program to determine a final adjustment factor for		
7		kW demand and kWh consumption numbers per program.		
8	d.	2017 Final Verified Results persistence amounts were also used to determine any		
9		annual adjustment over a 10-year period.		
10	e.	Business Refrigeration Initiative (BRI) was not included in any final verified		
11		savings, therefore the Small Business Lighting persistence amounts were utilized		
12		as this program was considered by NOTL Hydro to be similar.		
13	f.	Lines with a zero kW or zero kWh savings were reviewed. These were all noted as		
14		head office projects. Each project was reviewed on the CDM-IS to determine the		
15		savings at the individual location in our area and these numbers were updated in		
16		the worksheet.		
17	g.	The values for the INSTANT SAVINGS Program were taken from the Participant		
18		Cost Report, however only a kWh energy value was provided. An evaluation of		
19		the program determined a Net to Gross value of 1.333 and a Realization Rate of		
20		0.881 resulting in an adjustment factor of 1.174373. NOTL Hydro has taken a		
21		conservative approach and chosen not applied this value. Persistence values		
22		were also not provided and therefore NOTL Hydro used the persistence		
23		adjustments noted on the COUPON program in the 2017 final evaluations.		
24	x. No nev	w Street Light or Combined Heat and Power projects were completed or included in		
25	the 20	18 or 2019 results.		
26	For account 1	568, NOTL Hydro is requesting disposition of the amount as calculated as part of		
27	this application which includes the forecasted interest through April 30, 2021. This amount is no			
28	included in the last RRR filing or the 2019 Audited Financial Statements.			
29	The balance requested for disposal, including carrying charges, is a debit of \$191,141.			

30 3.2.7 Tax Changes

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- 1 There were no legislative tax changes from NOTL Hydro's tax rates embedded in its OEB
- 2 approved rate.

3 3.2.8 Z-factor Claims

4 NOTL Hydro is not seeking a Z-factor claim in this application.

5 3.3.1 Advanced Capital Module

6 NOTL Hydro is not submitting an Advance Capital Module in this application.

7 3.3.2 Incremental Capital Module

8 NOTL Hydro is not submitting an Incremental Capital Module in this application.

9 3.3.3 Treatment of Costs for 'eligible investments'

10 Not applicable. NOTL Hydro filed a Cost of Service application pursuant to chapter 5 in 2018 for

11 rates effective in 2019.

12 3.3.5 Off-ramps

- 13 NOTL Hydro's 2019 distributor earnings were above the 300 basis points dead band as per its
- 14 2019 RRR filing for 2.1.5.6. Earnings were impacted by several one-time events and NOTL
- 15 Hydro is requesting an increase in its base rates for 2021. Of note, NOTL Hydro elected to
- 16 delay the implementation of increased distribution rates approved for May 1, 2020 until
- 17 November 1, 2020 and is not seeking to recover the lost revenue, therefore reducing costs for
- 18 its customers during the COVID-19 pandemic. In addition, NOTL Hydro did not charge late
- 19 payment or interest fees during this period.
- NOTL Hydro's deemed rate of return approved in its 2019 Cost of Service is 8.98% while the
 achieved rate of return for 2019 was 14.38%. The variances in ROE can be explained through 4
 main differences from NOTL Hydro's 2019 CoS and 2019 actual results.
- Amounts related to the ICM were included in the CoS in rate base and depreciation
 expense. These amounts were held in account 1508 as of the 2019 year-end and were
 therefore not included in the calculation of deemed equity. This was due to the fact that

- the rate rider did not expire until April 30, 2019. These accounts will be disposed of in
 2020 now that the final balances have been audited. NOTL has not booked interest on
 the ICM since April 30, 2019.
- NOTL Hydro included the purchase of a new 83MVA transformer at a cost of \$3.3m in
 the CoS in rate base and depreciation expense (half year). Unexpected delays from the
 manufacturer caused the completion of this project to occur in 2020. The capital
 amounts spent on the project were included in CWIP at the end of 2019 and therefore
 not inlcued in the calculation of deemed equity. In addition, no depreciation was taken
 as the asset was not in use during the year.
- LRAM amount of \$196k excluding interest that was approved in the CoS was booked to
 distribution revenue in 2019 with an offsetting debit to account 1568, this amount was
 not included in the RRWF in the CoS.
- 1576 Rate riders (accounting changes GAAP to IFRS) were in effect until April 30, 2019
 resulting in a \$90k credit to depreciation expense. These rate riders expired when the
 new CoS rates came into effect on May 1, 2019 and were therefore not included in the
 CoS RRWF.

Adjusted for the 4 factors above, NOTL Hydro adjusted rate of return for 2019 was 9.36%, well
within the +/- 300 basis point dead band.

	Deemed last					
	COS (2019)	Achieved	Adjusted			
ROE Amount (\$)	1,094,015	1,492,779	1,120,389			
Regulated Deemed Equity	12,182,791	10,379,020	11,975,291			
ROE %	8.98%	14.38%	9.36%			
ROE Reconciliation						
Achieved ROE Amount (\$)			1,492,779			
Remove LRAM included in Distributio	n Revenue	(195,530)				
Remove Depreciation Impacts*		(176,860)				
Total Adjustments			(372,390)			
Adjusted ROE Amount \$		-	1,120,389			
Achieved Regulated Deemed Equity			10,379,020			
Add ICM - Full Year		2,352,396				
Add Transformer		1,638,283				
Total Adjustments - NBV		3,990,679				
Impact to Deemed Equity (40%)			1,596,271			
Adjusted Regulated Deemed Equity		-	11,975,291			
* Depreciation Expense:						
ICM	(53,433)	Included in COS but booked to variance account in fiscal 2019				
New Transformer	(33,434)	Included in COS - CWIP at end of fiscal 2019				
1576	(89,993)	Not Included in COS - rate rider in effect until May 1, 2019 - 4 months				

Table 32: Adjusted Rate of Return 2019

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3.4 Specific Exclusions for Price Cap IR or Annual IR Index Applications

6 NOTL Hydro is not seeking relief for any specific or excluded issues in this application.

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Appendices

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1 Appendix 1 – NOTLH – 2021 IRM Checklist

2021 IRM Checklist Niagara-on-the-Lake Hydro Ince EB-2020-0042

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Filing Requirement Page # Reference

Date: October 8, 2020

Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		,
3.1.2 Components of the Application Filing	Manager's summary documenting and explain all rate adjustments requested	Complete
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact	Manager's Summary (MS) - 3.1.2.2
4	Completed Rate Generator Model and supplementary work forms, Excel and PDF	MS - Appendix 2 & filed separately in excel format
4	Current tariff sheet, PDF	MS - Appendix 5 & 6
4 4	Supporting documentation (e.g. relevant past decisions, RRWF etc.) Statement as to who will be affected by the application, specific customer groups affected by particular request	MS - Appendix 6 & 7 MS - 3.1.2.6
4 4	Applicant's internet address Statement confirming accuracy of billing determinants pre-populated in model	3.1.2.7 3.1.2.8
4	Text searchable PDF format for all documents An Excel version of the IRM Checklist	Manager's Summary Complete
3.1.3 Applications and Electronic Models		
5	Populated GA Analysis Workform	MS - Appendix 3 & filed separately in excel format
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	n/a
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	n/a
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM	MS - Appendix 4 & filed separately i
5	term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-	excel format n/a
3.2.2 Revenue to Cost Ratio Adjustments	accounts	ina
7 3.2.3 Rate Design for Residential Electricity Customers	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	n/a
Residential Rate Design To Residential Electricity Customers Residential Rate Design - Exceptions and Mitigation (applicable only to d		n/a
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	n/a
7	required Mitigation plan if total bill increases for any customer class exceed 10%	n/a
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	MS - 3.2.4 MS - 3.2.5
9	Justification if any account balance in excess of the threshold should not be disposed	n/a
10	Completed tab 3 - continuity schedule in Rate Generator Model	MS - Appendix 2 & filed separately excel format
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	MS - 3.2.5
10 - 11	If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled	MS - 3.2.5
11	"Adjustments to Deferral and Variance Accounts Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year;	MS - 3.2.5
12	if the applicant is proposing an alternative recovery period must provide explanation. GA rate riders calculated on an energy basis (kWh)	MS - 3.2.5
3.2.5.1 Wholesale Market Participants		
11 3.2.5.2 Global Adjustment	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.	MS - 3.2.5.1
12	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP	MS - 3.2.5.2
	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	MS - Appendix 3 & filed separately
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.	excel format
3.2.5.3 Commodity Accounts 1588 and 1589	Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1,	
13	2019.	MS - 3.2.5.3
	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb.	
13 - 14	21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been	MS - 3.2.5.3
	recorded. A summary and description of each adjustment made to the historical balances must be provided in the application. Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation,	
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	MS - 3.2.5.3
3.2.5.4 Capacity Based Recovery (CBR)	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance.	
	- embedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the	
	case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where	
15	Account 1580 CBR Class B sub-account balance accumulated. - Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting	MS - 3.2.5.4
	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		
	LRAWYA - usposition of balance. Distibutors must provide version 5 of LRAWYA work Form in a working Excernie when making LRAWVA requests for remaining amounts related to CFF activity. An application for lost revenues should include: Participation and	
	Cost reports in Excel format, made available by the IESO. An application for lost revenues should also provide the following:	
	 statement identifying the year(s) of new lost revenues and prior year savings persistence claimed in the LRAMVA disposition statement confirming LRAMVA based on verified savings results supported by the distributors final CDM Report and Persistence 	
	Savings Report (both filed in Excel format) and a statement indicating use of most recent input assumptions when calculating lost revenue	
	- summary table with principal and carrying charges by rate class and resulting rate riders	
	 statement providing the disposition period; rationale provided for disposing the balance in the LRAMVA if one or more classes do not generate significant rate riders 	
	 statement confirming LRAMVA reference amounts, rationale for the distributors circumstances if LRAMVA threshold not used rationale confirming how rate class allocations for actual CDM savings were determined by class and program (Tab 3-A of 	
	LRAMVA Work Form) - statement confirming whether additional documentation was provided in support of projects that were not included in distributors	
	final CDM Annual Report (Tab 8 of LRAMVA Work Form as applicable)	MS - 3.2.6 & Appendix 4 & filed
16 - 21	 - for a distributor's streetlighting project(s) which may have been completed in collaboration with local municipalities, the following must be provided: Explanation of the methodology to calculate streetlighting savings; Confirmation whether the streetlighting 	separately in excel format
	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	
	information: o Explanation of the forecast demand savings from street lights, including assumptions built into the load forecast from the last CoS	
	application o Confirmation 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 total)	
3.2.7 Tax Changes	• Confirmation that the distributor has received reports from the participating municipality that validate the number and two of	
21	If applicable, tabs 8 and 9 of Rate Generator Model complete 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	n/a
21	amount will be transferred to Account 1595 for disposition at a future date	n/a
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	n/a

2021 IRM Checklist Niagara-on-the-Lake Hydro Ince EB-2020-0042

iling	Requirement	
Page	# Reference	

Date: October 8, 2020

Page 2 of 2

Filing Requirement Page # Reference		Date: October 8, 2020
		Evidence Reference, Notes
IRM REQUIREMENTS		
23	In addition distributor must: - 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 - 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	n/a
3.2.8.2 Z-Factor Accounting Treatment		
23	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	n/a
23	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this account	n/a
3.2.8.3 Recovery of Z-Factor Costs		
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	n/a
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	n/a
24 24	Residential rider on fixed basis Detailed calculation of incremental revenue requirement and resulting rate rider(s)	n/a n/a
24 3.3.1 Advanced Capital Module		11/a
25	Evidence of passing "Means Test"	n/a
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	n/a
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	n/a
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	n/a
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	n/a
27	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	n/a
27	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	n/a
27	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	n/a
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)	n/a
28	Details by project for the proposed capital spending plan for the expected in-service year	n/a
28	Description of the proposed capital projects and expected in-service dates	n/a
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	n/a
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)	n/a
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	n/a
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	n/a
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	MS - 3.3.5
Appendix A	base rates - an explanation to substantiate its reasons for doing so required	
	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek	
Appendix A	disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	n/a
Appendix A & Page 5	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	n/a
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.	n/a

Niagara-on-the-Lake Hydro Inc. EB-2020-0042 Manager's Summary Page **36** of **44** Filed October 2020

1 Appendix 2 – NOTLH 2021 IRM Rate Generator Model

Summary of Changes from the Prior Year

Questions are revised on tab 1. The continuity schedule in tab 3 will open starting from the year balances were last approved for disposition, unless the last approved dipsosition was on an interin basis and there are changes to those balances. If that is the case, tab 3 will open from the year of last approved disposition on a final basis. A distributor must also provide an explanation for the change in the previously approved balance.

In the continuity schedule on tab 3, the option on whether Accounts 1588 and 1589 is requested for disposition has been removed. It is expected that Accounts 1588 and 1589 are to be disposed unless there is a reason it should not be. If that is the case, contact the Case Manager.

Footnote #4 in tab 3 has been revised to clarify that the amount in the "Transactions" column in the DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

	ons for Each Tab	64	
1 - Information Sheet	Tab Details This tab shows some information pertaining to the	Step 1	Details Complete the information sheet.
information sheet	utility and the application.	-	a) <u>Questions 2 to 4</u> Responses to questions 2 to 4 will open the DVA continuity schedule in tab 3 to the appropriate year that DVA balances should first be inputted.
			The continuity schedule will open starting from the year balances were last approved for disposition, unless the last approved ipposition was on an interim basis and there are changes to those balances. If that is the case, the continuity schedule will open from the year of last approved disposition on a final basis. A distributor must also provide an explanation for the change in the previously approved balance.
			b) <u>Questions 5 and 6</u> if the response to question 5 (GA) or 6 (CBR Class B) is yes, tab 6 relating to Class A customers' consumption will be generated. If the response to question 6 is yes, then tab 6.2 will also be generated. This tab will allocate and dispose the balance in Account 1580, sub-account CBR Class B through a separate rate rider using information inputted in tab 6, unless a rate rider is not produced. If the response to question 6 is no, then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider
3 - Continuity Schedule	This tab is the continuity schedule that shows all the accounts and the accumulation of the balances a utility has.	2	Complete the DVA continuity schedule. a) <u>For all Group 1 accounts, except Account 1595:</u> The continuity schedule will open from the year the GL balance was last disposed. Start inputting the approved ending balances in the Adjustments common GH tarty schedule will account of that year and the schedule will account of that year of the application, DVA balances as at December 13, 2018 were approved for disposition, the continuity schedule will commence from 2018. Start by inputting the approved closing 2018 balances in the Adjustments column under 2018.
			Complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2019, regardless of whether the account is being requested for disposition in the current application.
			The continuity schedule will open in the year of the earliest Account 1595 vintage year that has a balance. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accoundate a balance (i.e. the vintage year). For example, Account 1595 (2015) would accumulate a balance starting in 2015, when the relevant balances approved for disposition were first transferred into Account 1595 (2015). Input the amount opproved for disposition in the OEB Approved Disposition column.
			Note that the DVA continuity schedule can currently stort from 2014. If a utility has residual balance in an Account 1595 with a vintage year prior to 2014, include residual balances for years up to 2014 in the row for Account 1595 (2014 and pre-2014) and provide a separate schedule with amounts broken down by vintage year.
4 - Billing	This tab shows the billing determinants that will be	3	Review any balance variance between the DVA continuity schedule and the RRR in column BW. Provide an explanation, if necessary. Confirm the accuracy of the RRR data used to populate the tab.
4 - Billing Determinant	used to allocate account balances and calculate rate riders.	5	Culturin the accuracy of the non-normal used to populate the fato. Review the disposition threshold calculation. Select whether disposition is being requested or not in the drop down box.
6 - Class A Data	This tab is to be completed if there were any Class A	6	This tab is generated when the utility selects yes to questions 5 or 6 in tab 1, indicating they had Class A customers during the period that the GA or
Consumption	customers at any point during the period the GA balance or CBR (Class B accumulated. The data on this tab is used for the purposes of determining the GA rate inder, CBR (Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	7	CRR Balance accumulated. Under #2a, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated. If yes, tab 6.1a will be generated. Under #2b, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1580, sub-accour CBR Class B balance accumulated. If yes, tab 6.2a will be generated.
		8	Under #3a, enter the number of transition customers the utility had during the period the Account 1589 GA or Account 1580 CBR 8 balances accumulated. A table will be generated based on the number of customers.
			Complete the table accordingly for each transition customer identified (i.e. kWh/kW for half year periods, and the customer class during the half yee This data will automatically be used in the GA balance and CBR Class B balance allocation to transition customers in tabs 6.1a and 6.2a respectively. This data will also be used in the calculation of billing determinants for GA and CBR Class B balances, as applicable.
			Note that each transition customer identified in tab 6, table 3a will be assigned a customer number and the number will correspond to the same transition customer populated in tabs 6.1a and 6.2a.
			Also note that the transition customers identified for the GA may be different than those for CBR Class B. This would depend on the period in which GA and CBR Class B balances accumulated.
		9	Under #3b, enter the number of rate classes in which there were full year Class A customers during the period the Account 1589 GA balance or Account 1580 CBR Class B balance accumulated. A table will be generated based on the number of rate classes.
			Complete the table accordingly for each rate class identified (i.e. total Class A consumption in the rate class identified for each year). This data will b used in the calculation of billing determinants for GA and CBR Class B, as applicable.
6.1a - GA Allocation	This tab allocates the GA balance to each transition customer for the period in which these customers were Class B customers and contributed to the GA	10	This tab is generated when the utility indicates that they had transition customers in tab 6, #2a during the period the Account 1589 GA balance accumulated.
	balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B customers).		In row 20, enter the Non-RPP consumption less WMP consumption. The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B (rate rider as calculated in tab 6.1.
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	11	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-appulated and the GA rate riders are calculated accordingly based on whether there were any transition customers during the period that the GA balance accumulated.
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B).	12	This tab is generated when the utility indicates that they had transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated. In row 19, enter the total Class B consumption less VMP consumption. The rest of the information in this tab will be auto-populated and will calculate the customer sheepedinc allocation of the CBR Class B balance to transit customers in the bottom table. All remaindon customers who are allocated a specific CBR Class B amount are not to be charged the general CBR Class
6.2 - CBR	This tab calculates the CBR Class B rate rider if there	13	rate rider. This tab is generated when the response to question 6 in tab 1 is "yes", indicating that they had Class A customers during the period that Account 11
0.2 - UBK	This tab calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	13	sub-account CBR Class B balance accumulated. No input is required in this tab. The information in the tab is auto-populated and the CBR Class B rate riders are calculated accordingly.
			If a rate rider is not produced, the entire Account 1580 CBR Class B balance, including the amount allocated to transition customers will be transferr to Account 1580 WMS, to be disposed through the general Group 1 DVA rate rider.
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances, except GA and CBR Class B (if Class A customers exist).	14	

Montario Energy Board	Лес	hanism Ra	ate Genera	tor		Quick Link Ontario Energy Board's 2021 Electricity Distribution Rate Applications Webpage
for 20)21	Filers				
				Version	1.0	
Utility Name	Niagara-o	n-the-Lake Hydro Inc.				
Assigned EB Number	EB-2020-	0042				
Name of Contact and Title	Jeff Klass	en, VP Finance				
Phone Number	905-468-	4235				
Email Address	jklassen@)notlhydro.com				
We are applying for rates effective	Saturday,	May 1, 2021				
Rate-Setting Method		Price Cap IR				
1. Select the last Cost of Service rebasing year.		2019				
2. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed on a final basis.	2018]				
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.						
b) If the accounts were last approved on an interim basis, and						
i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis.	2018					
(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017.)						
3. For the remaining Group 1 DVAs, please indicate the year the accounts were last disposed on a final basis.	2018	1				
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.						
b) If the accounts were last approved on an interim basis, and	2018					
 i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. 						
ii) If there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis.						
 Select the earliest vintage year in which there is a balance in Account 1595. (e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.) 	2016]				
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance selected in #2 above to the year requested for disposition)?	Yes]				
6. Did you have any Class A customers at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year selected in #3 above to the year requested for disposition)?	Yes					
7. Retail Transmission Service Rates: Niagara-on-the-Lake Hydro Inc. is:	Tra	nsmission Connected				
8. Have you transitioned to fully fixed rates?		Yes				

Legend

Pale green cells represent input cells.

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

Ontario Energy Board Incentive Rate-setting Mechanism

Rate Generator for 2021 Filers

Niagara-on-the-Lake Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

52

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	29.41
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Ontario Energy Board Incentive Rate-setting Mechanism

Rate Generator for 2021 Filers

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	40.08
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0119
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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

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

Service Charge	\$	286.44
Distribution Volumetric Rate	\$/kW	2.3975
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1645
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.9048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2861

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

LARGE USE SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW. 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.

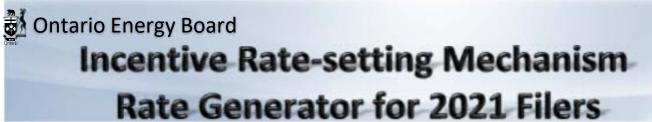
If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, 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	\$	3,754.95
Distribution Volumetric Rate	\$/kW	2.3975
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1555
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2861

MONTHLY RATES AND CHARGES - Regulatory Component 2. Current Tariff Schedule



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

0.0030 0.0004 0.0005 0.25

52

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per customer)	\$	21.56
Distribution Volumetric Rate	\$/kWh	0.0055
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
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

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	7.32
Distribution Volumetric Rate	\$/kW	1.7615
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021		
Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1436
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	2.1903
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134
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

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. 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 changes, 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

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Indepedent 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	\$	10.00
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
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

Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Pulling post dated cheques	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement letter	\$ 15.00
Account history	\$ 15.00
Credit check (plus credit agency costs)	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Charge to certify cheque	\$ 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00
Special meter reads	\$ 30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 190.00

Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00
Other		
Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

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.

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One-time charge, per retailer, to establish the service agreement between the distributor and the retained	ailer \$	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 a	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.

· · · · ·	2. Current Tariff Schedule	Issued Month day, Year
Total Loss Factor - Primary Metered Customer > 5,00	00 kW	1.0045
Total Loss Factor - Primary Metered Customer < 5,00	00 kW	1.0275
Total Loss Factor - Secondary Metered Customer > 5	,000 kW	1.0145
Total Loss Factor - Secondary Metered Customer < 5	,000 kW	1.0373

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 lates 2.1.7 RR filing.

Please refer to the footnotes for further instructions.

						2016					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments ¹ during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments ¹ during 2016	Closing Interest Amounts as of Dec 31, 2016
Group 1 Accounts											
LV Variance Account	1550	0				0	0				
Smart Metering Entity Charge Variance Account	1551	0				0	0				j (
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0	0				
RSVA - Retail Transmission Network Charge	1584	0				0	0				j i
RSVA - Retail Transmission Connection Charge	1586	0				0	0				1
RSVA - Power ⁴	1588	0				0	0				
RSVA - Global Adjustment ⁴	1589	0				0	0				
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	() (0 0	0	0	0	0	C	i i
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	() (0 0	0	0	0	0	C	i i
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0) (478,579	478,579	0	0	0	(5,495)) (5,495
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0) (0 0	0	0	0	0	C	j
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0) (0 0	0	0	0	0	C	,
Disposition and Recovery/Refund of Regulatory Balances (2019) ³											
Refer to the Filing Requirements for disposition eligibility.	1595	0) (0 0	0	0	0	0	C	
RSVA - Global Adjustment	1589	0) (0 0	0	0	0	0	C)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	() (478,579	478,579	0	0	0	(5,495)) (5,495
Total Group 1 Balance		0) (478,579	478,579	0	0	0	(5,495)) (5,495
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			56,789	56,789	0			1,827	1,82
Total including Account 1568		0) (535,368	535,368	0	0	0	(3,667)) (3,667

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
2 1) If the LOC rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

2) If the LDC's rate year begins on May 1, 2021, the projected interest is recorded from January 1, 2020 to April 30, 2021 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recoveryinelund is to be recorded in the "Transaction" column. Any wintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless juilified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2018) and (2019) will not be eligible for disposition in the 2021 rate apolication.

A low accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the Transactions' column in this DVA Continuity'Schedula era to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedulae.

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 lates 2.1.7 RR filing.

Please refer to the footnotes for further instructions.

						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	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	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A ⁵	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	0				0	0	1			0
RSVA - Retail Transmission Network Charge	1584	0				0	0)			0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power ⁴	1588	0				0	0				0
RSVA - Global Adjustment ⁴	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	0	(0 0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	(0 0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	478,579	(261,987)	(18,569	235,161	(5,495)	5,421	0	112	39
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0	153,848	258,588	3 0	(104,740)	0	(1,396)	7,940	0	(9,336)
Disposition and Recovery/Refund of Regulatory Balances (2018)3	1595	0	0	(0 0	0	0		0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2019)3											
Refer to the Filing Requirements for disposition eligibility.	1595	0	0	(0 0	0	0	0	0	0	0
RSVA - Global Adjustment	1589	0	C	() 0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		478,579	(108,138)	258,588	18,569	130,421	(5,495)	4,026	7,940	112	(9,297)
Total Group 1 Balance		478,579	(108,138)	258,588	3 18,569	130,421	(5,495)	4,026	7,940	112	(9,297)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	56,789	0	56,789	9 0	0	1,827	208	2,035	0	٥
Total including Account 1568		535,368	(108,138)	315,377	18,569	130,421	(3,667)	4,234	9,976	112	(9,297)

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
2 1) If the LOC rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

2) If the LDC's rate year begins on May 1, 2021, the projected interest is recorded from January 1, 2020 to April 30, 2021 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recoveryinelund is to be recorded in the "Transaction" column. Any wintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless juilified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2018) and (2019) will not be eligible for disposition in the 2021 rate apolication.

A low accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 tilted Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the Transactions' column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

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 lates 2.1.7 RR filing.

Please refer to the footnotes for further instructions.

						2018					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit/ (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018
Group 1 Accounts											
LV Variance Account	1550	0			0	0	0			0	0
Smart Metering Entity Charge Variance Account	1551	0			(13,098)	(13,098)	0			(214)	(214)
RSVA - Wholesale Market Service Charge ⁵	1580	0			(230,574)	(230,574)	0			(7,279)	(7,279)
Variance WMS – Sub-account CBR Class A ⁵	1580	0			0	0	0			0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	0			(8,340)	(8,340)	0			139	139
RSVA - Retail Transmission Network Charge	1584	0			31,587	31,587	0			1,783	
RSVA - Retail Transmission Connection Charge	1586	0			15,319	15,319	0			734	
RSVA - Power ⁴	1588	0			147,505	147,505	0			13,816	13,816
RSVA - Global Adjustment ⁴	1589	0			16,059	16,059	0			(5,926)	(5,926)
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	C) (0 0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	C) (0 0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	235,161	(216,593)) () (18,569)	0	39	(6,253)	0	(112)	(6,326)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	(104,740)	106,396	6 (0 0	1,656	(9,336)	9,336	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	195,881	301,739	0 0	(105,858)	0	(2,546)	(14,313)	0	11,767
Disposition and Recovery/Refund of Regulatory Balances (2019) ³											
Refer to the Filing Requirements for disposition eligibility.	1595	0	C) (0 0	0	0	0	0	0	0
RSVA - Global Adjustment	1589	0	C) (16,059	16,059	0	0	0	(5,926)	(5,926)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		130,421	85,684	301,739	(76,169)	(161,803)	(9,297)	537	(14,313)	8,866	14,419
Total Group 1 Balance		130,421	85,684	301,739	(60,110)	(145,744)	(9,297)	537	(14,313)	2,940	8,493
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	C) (0 0	0	0	0	0	0	0
Total including Account 1568		130,421	85,684	301,739	(60,110)	(145,744)	(9,297)	537	(14,313)	2,940	8,493

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
2 1) If the LOC rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

2) If the LDC's rate year begins on May 1, 2021, the projected interest is recorded from January 1, 2020 to April 30, 2021 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recoveryinelund is to be recorded in the "Transaction" column. Any wintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless juilified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2018) and (2019) will not be eligible for disposition in the 2021 rate apolication.

A low accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 tilted Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the Transactions' column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

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 lates 2.1.7 RR filing.

Please refer to the footnotes for further instructions.

						2019					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2019	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	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
Group 1 Accounts											
LV Variance Account	1550	0	0	0	0	0	0	0	0	(0
Smart Metering Entity Charge Variance Account	1551	(13,098)	(2,480)	(3,533)	0	(12,045)	(214)	(274)	(105)	((382)
RSVA - Wholesale Market Service Charge ⁵	1580	(230,574)	(72,220)	(204,338)	(415)	(98,870)	(7,279)	(2,134)	(7,500)	(7) (1,920)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	(415)	0	415	0	0	(7)	0	7	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(8,340)	(23,504)	(1,800)	0	(30,044)	139	(383)	208	((452)
RSVA - Retail Transmission Network Charge	1584	31,587	(28,818)	(49,183)		51,952	1,783		496	(2,187
RSVA - Retail Transmission Connection Charge	1586	15,319	(65,342)	(864)		(49,159)	734	(· · · /	147	(454
RSVA - Power ⁴	1588	147,505	(11,142)	131,084	0	5,279	13,816	2,785	6,836	(9,765
RSVA - Global Adjustment ⁴	1589	16,059	43,540	(198,392)	(78,553)	179,438	(5,926)	4,188	(3,693)	(1,955
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	0	0	0	0	0	0	0	(0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0	0	0	0	0	0	0	0	(0 0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	0	0	0	(6,326)	0	0	((6,326)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	1,656	0	0	0	1,656	0	37	0	(37
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	(105,858)	149,612	0	0	43,754	11,767	88	0	(11,855
Disposition and Recovery/Refund of Regulatory Balances (2019) ³											
Refer to the Filing Requirements for disposition eligibility.	1595	0	66,666	(80,796)	0	147,462	0	1,401	(19,898)	(21,299
RSVA - Global Adjustment	1589	16,059	43,540	(198,392)	(78,553)	179,438	(5,926)	4,188	(3,693)	(1,955
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(161,803)	12,356			59,984	14,419		(19,816)	(36,515
Total Group 1 Balance		(145,744)	55,896	(407,823)	(78,553)	239,423	8,493	6,468	(23,510)	(38,471
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	195,530	195,530	185,900	185,900	0	7,179	7,179	6,785	6,785
Total including Account 1568		(145,744)	251,426	(212,294)	107,347	425,322	8,493	13,647	(16,331)	6,785	45,255

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
2 1) If the LOC rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

2) If the LDC's rate year begins on May 1, 2021, the projected interest is recorded from January 1, 2020 to April 30, 2021 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

³ The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recoveryinelund is to be recorded in the "Transaction" column. Any wintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless juilified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2018) and (2019) will not be eligible for disposition in the 2021 rate apolication.

A low accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 tilted Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the Transactions' column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

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 lates 2.1.7 RR filling.

Please refer to the footnotes for further instructions.

			2	.020		Projected In	terest on Dec-31	-2019 Bala	inces		2.1.7 RRR ⁵	
Account Descriptions	Account Number	Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB	Balances as of Dec	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	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	0	0	0	0	0	0	0	0		0	0
Smart Metering Entity Charge Variance Account	1551	(9,565)	(393)	(2,480)	11	(34)	(5)	(28)	(2,508)		(12,428)	0
RSVA - Wholesale Market Service Charge ⁵	1580	(26,236)	(559)	(72,634)	(1,361)	(999)	(138)	(2,498)	(75,132)		(131,287)	(30,497)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	0	0	0	0	0		0	0
Variance WMS – Sub-account CBR Class B ⁵	1580	(6,540)	(264)		(188)	(323)	(45)	(556)	(24,061)		(30,497)	0
RSVA - Retail Transmission Network Charge	1584	80,771	3,690	(28,818)	(1,503)	(396)	(55)	(1,954)	(30,772)		54,139	0
RSVA - Retail Transmission Connection Charge	1586	16,183	1,068	(65,342)	(614)	(898)	(124)	(1,637)	(66,979)		(48,705)	0
RSVA - Power ⁴	1588	16,421	7,468	(11,142)	2,296	(153)	(21)	2,122	(9,020)		15,043	0
RSVA - Global Adjustment ⁴	1589	214,451	4,145	(35,012)	(2,190)	(481)	(67)	(2,738)	(37,751)		181,394	0
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	0	0	0	0	0	0	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	0	0	0	0	0	0	0	No	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	0	0	(6,326)	0	0	(6,326)	0	No	(6,326)	0
Disposition and Recovery/Refund of Regulatory Balances (2017)	1595	0	0	1,656	37	23	3	63	0	No	1,693	0
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	0	43,754	11,855	602	83	12,539	0	No	55,609	0
Disposition and Recovery/Refund of Regulatory Balances (2019) ³										No		
Refer to the Filing Requirements for disposition eligibility.	1595	0	0	147,462	21,299	2,028	280	23,606	0	NO	168,761	0
RSVA - Global Adjustment	1589	214,451	4,145	(35,012)	(2,190)	(481)	(67)	(2,738)	(37,751)		181,394	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		71,035	11,010	(11,050)	25,505	(152)	(21)	25,332	(208,472)		96,500	0
Total Group 1 Balance		285,485	15,155	(46,063)	23,315	(633)	(88)	22,594	(246,223)		277,894	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	0	185,900	6,785			6,785	192,684		0	(192,684)
Total including Account 1568		285,485	15,155	139,837	30,100	(633)	(88)	29,379	(53,538)		277,894	(192,684)

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB decision.

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
2 1) If the LOC rately ear begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

2) If the LDC's rate year begins on May 1, 2021, the projected interest is recorded from January 1, 2020 to April 30, 2021 on the December 31, 2019 balances adjusted to remove balances approved for disposition in the 2020 rate decision.

3 The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "CBE Approved Disposition" column. The recovery/refund is to be recorded in the Transaction" column. Any wintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1595 (2018) and (2019) will not be eligible for disposition in the 2021 rate apolication.

A low accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 tilted Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589. The amount in the Transactions' column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

Ontario Energy Board

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

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

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

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)		Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption <i>(if applicable)</i>	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	75,007,658	0	1,199,683	C	0	C	75,007,658	0	15,352	8,060
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,102,477	0	4,588,203	C	0	C	42,102,477	0	54,525	1,371
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,274,145	216,132	79,969,836	201,837	0	C	85,274,145	216,132	75,575	
LARGE USE SERVICE CLASSIFICATION	kW	25,819,528	85,210	25,819,528	85,210	0	C	25,819,528	85,210		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	254,508	0	117,792	C	0	C	254,508	0		
STREET LIGHTING SERVICE CLASSIFICATION	kW	854,489	2,390	765,439	2,137	0	C	854,489	2,390	45,689	
STANDBY POWER SERVICE CLASSIFICATION	kW	C	0	0	C	0	C	0	0		
	Total	229,312,805	303,732	112,460,481	289,184	0	C	229,312,805	303,732	192,684	9,431

Th	res	ho	ld T	est	
		•			

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

(\$53,538) (\$246,223) (\$0.0011)

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



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.

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

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		а	llocated 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	32.7%	85.5%	32.7%	0	(2,143)	(24,576)	(10,065)	(21,909)	(2,951)	15,352	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	18.4%	14.5%	18.4%	0	(365)	(13,794)	(5,650)	(12,297)	(1,656)	54,525	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	37.2%	0.0%	37.2%	0	0	(27,939)	(11,443)	(24,907)	(3,354)	75,575	
LARGE USE SERVICE CLASSIFICATION	11.3%	0.0%	11.3%	0	0	(8,460)	(3,465)	(7,541)	(1,016)	0	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.1%	0	0	(83)	(34)	(74)	(10)	0	
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%	0	0	(280)	(115)	(250)	(34)	45,689	
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	
Total	100.0%	100.0%	100.0%	0	(2,508)	(75,132)	(30,772)	(66,979)	(9,020)	191,141	

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

K	Ontario Energy Board	Mechar	nism Rate Generator			
	for 2					
1a	The year Account 1589 GA was last disposed	2018	1			
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)?	S Yes	(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 1560, sub-accoun 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.)			
3a	Enter the number of transition customer you had during the period the Account 1699 GA or Account 1590 GBR B balance accumulated (i.e. from the year after the balance was last disposed or #1a/tb above to the current year requested for disposition).	2]			
		Transition Customers -	Non-loss Adjusted Billing Determinants by Customer		20	19
		Customer Customer 1	Rate Class GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	January to June 1,630,912	July to December 1,535,869
		customer 1	GENERAL SERVICE SO TO 4,999 KW SERVICE CDASSIFICATION	kW	3,959	3,706
		Customer 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	Class A/B kWh	A 1,890,449	B 2,015,162
		customer 2		kW	4,626	4,909
		L		Class A/B	A	В
3b	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 GBA balance accumulated (i.e. from the year after the balance was last disposed per #fal/ta baove to the current year requested for disposition). In the table, enter the total Class A consumption for full year Class A customers identified in table 3a above if they were a full year Class A customers identified in table 3a above if they were a full year Class A customer for a particular year).	2				

	Class A Customers - Billing Determinants by Rate Class		
	Rate Class		2019
Rate Class 1	LARGE USE SERVICE CLASSIFICATION	kWh	25,819,52
		kW	85,21
Rate Class 2	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	6,501,01
		kW	13,18

Ontario Energy Board

centive Rate-setting Mechanism Rate Generator for 2021 Filers

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

Year the Account 1589 GA Balance Last Disposed

2018

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

		Total	2019
Non-RPP Consumption Less WMP Consumption	Α	112,460,481	112,460,481
Less Class A Consumption for Partial Year Class A Customers	В	3,521,361	3,521,361
Less Consumption for Full Year Class A Customers	С	32,320,539	32,320,539
Total Class B Consumption for Years During Balance			76 610 503
Accumulation	D = A-B-C	76,618,582	76,618,582
All Class B Consumption for Transition Customers	E	3,551,031	3,551,031
Transition Customers' Portion of Total Consumption	F = E/D	4.63%	

Allocation of Total GA Balance \$

Total GA Balance	G	-\$	37,751
Transition Customers Portion of GA Balance	H=F*G	-\$	1,750
GA Balance to be disposed to Current Class B Customers through			
Rate Rider	I=G-H	-\$	36,001

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	2				
Customer	Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Transition Customers During the		When They Were Class B	Monthly Equal Payments
Customer 1	1,535,869	1,535,869	43.25%	-\$ 757	-\$ 63
Customer 2	2,015,162	2,015,162	56.75%	-\$ 993	-\$ 83
Total	3,551,031	3,551,031	100.00%	-\$ 1,750	

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)

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

		Total Metered Non-RPP 2019			Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition	T			
		Consumption excluding WMP kWh	balance accumulated	period GA balance accumulated	Customers' Consumption)	% of total kWh	Customers	GA Rate Rider	
		KWN	KWN	KWN	ĸwn				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,199,683	0	0	1,199,683	1.6%	(\$591)	(\$0.0005)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	4,588,203	0	0	4,588,203	6.3%	(\$2,261)	(\$0.0005)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kWh	79,969,836	6,501,011	7,072,392	66,396,434	90.9%	(\$32,714)	(\$0.0005)	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	25,819,528	25,819,528	0	0	0.0%	\$0	\$0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	117,792	0	0	117,792	0.2%	(\$58)	(\$0.0005)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	765,439	0	0	765,439	1.0%	(\$377)	(\$0.0005)	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.0000	
	Total	112,460,481	32,320,539	7,072,392	73,067,551	100.0%	(\$36,001)		



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

Year Account 1580 CBR Class B was Last Disposed

2018

Allocation of Total Consumption (kWh) between Current Class B and Class A/B Transition Customers

		Total	2019
Total Consumption Less WMP Consumption	А	229,312,805	229,312,805
Less Class A Consumption for Partial Year Class A Customers	В	3,521,361	3,521,361
Less Consumption for Full Year Class A Customers	С	32,320,539	32,320,539
Total Class B Consumption for Years During Balance	D = A-B-C	402,470,000	193,470,906
Accumulation	D - A-B-C	193,470,906	,,
All Class B Consumption for Transition Customers	E	3,551,031	3,551,031
Transition Customers' Portion of Total Consumption	F = E/D	1.84%	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$ 24	,061
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	442
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	I=G-H	-\$ 23	,619

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	2						
	Total Metered Class B	Metered Class B Consumption					
	Consumption (kWh) for Transition (kWh) for Transition			Customer Specific CBR			
	Customers During the Period	Customers During the Period		Class B Allocation for the	Monthly	Monthly	
	When They were Class B	When They were Class B		Period When They Were	Equal		
Customer	Customers	Customers in 2019	% of kWh	Class B Customers	Payments	.s	
Customer 1	1,535,869	1,535,869	43.25%	-\$ 191	-\$ 1	16	
Customer 2	2,015,162	2,015,162	56.75%	-\$ 251	-\$ 2	21	
Total	3,551,031	3,551,031	100.00%	-\$ 442	-\$ 3	37	

Contario Energy Board

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 2 Consumption Minu		Total Metered 2019 Consun Year Class A Custo		Total Metered 2019 Consump Customers	tion for Transition	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	75,007,658	0	0	0	0	0	75,007,658	0	39.5%	(\$9,328)	(\$0.0001)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,102,477	0	0	0	0	0	42,102,477	0	22.2%	(\$5,236)	(\$0.0001)	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,274,145	216,132	6,501,011	13,180	7,072,392	17,200	71,700,743	185,752	37.8%	(\$8,917)	(\$0.0480)	kW
LARGE USE SERVICE CLASSIFICATION	kW	25,819,528	85,210	25,819,528	85,210	0	0	0	0	0.0%	\$0	\$0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	254,508	0	0	0	0	0	254,508	0	0.1%	(\$32)	(\$0.0001)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	854,489	2,390	0	0	0	0	854,489	2,390	0.4%	(\$106)	(\$0.0444)	kW
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.0000	kW
	Total	229,312,805	303,732	32,320,539	98,390	7,072,392	17,200	189,919,875	188,142	100.0%	(\$23,619)		

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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)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	24	Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	2	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²		Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568	Revenue Reconcilation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	75,007,658	0	75,007,658	0	(61,644)		(0.0008)		0.0001	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,102,477	0	42,102,477	0	(33,763)		(0.0008)		0.0006	
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,274,145	216,132	85,274,145	216,132	(67,644)		(0.3130)		0.1748	
LARGE USE SERVICE CLASSIFICATION	kW	25,819,528	85,210	25,819,528	85,210	(20,481)		(0.2404)		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	254,508	0	254,508	0	(202)		(0.0008)		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	854,489	2,390	854,489	2,390	(678)		(0.2836)		9.5584	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000		0.0000	
											(182,703.32)

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. Contario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

Summary - Sharing of Tax Change Forecast Amounts

OEB-Approved Rate Base OEB-Approved Regulatory Taxable Income Federal General Rate Federal Small Business Rate Federal Small Business Rate (calculated effective rate) ^{1,2} Ontario General Rate Ontario Small Business Rate	\$ 30,456,976 265,180	\$ \$	30,456,976
Federal General Rate Federal Small Business Rate Federal Small Business Rate (calculated effective rate) ^{1,2} Ontario General Rate	\$ 265,180	\$	
Federal Small Business Rate Federal Small Business Rate (calculated effective rate) ^{1,2} Ontario General Rate			265,180
Federal Small Business Rate (calculated effective rate) ^{1,2} Ontario General Rate			15.0%
Ontario General Rate			9.0%
			15.0%
Ontario Small Business Rate			11.5%
			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		\$	39,777
Provincial Taxes Payable		\$	30,496
Federal Effective Tax Rate			15.0%
Provincial Effective Tax Rate	_		11.5%
Combined Effective Tax Rate	26.5%		26.5%
Total Income Taxes Payable	\$ 70,273	\$	70,273
OEB-Approved Total Tax Credits (enter as positive number)	\$ -	\$	-
Income Tax Provision	\$ 70,273	\$	70,273
Grossed-up Income Taxes	\$ 95,609	\$	95,609
Incremental Grossed-up Tax Amount		\$	-
Sharing of Tax Amount (50%)		\$	-

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.

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

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

Rato 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							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STANDBY POWER SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total			0 0) 0				0	0	0	0				0.0%

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	75,007,658		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	42,102,477		0	0.0000	kWh
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	85,274,145	216,132	0	0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	25,819,528	85,210	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	254,508		0	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	854,489	2,390	0	0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW			0	0.0000	kW
Total		229,312,805	303,732	\$0		

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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.

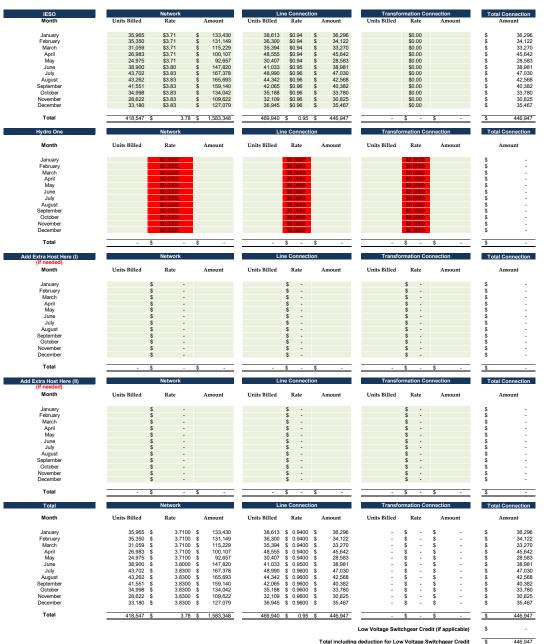
Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	75,007,658	0	1.0373	77,805,444
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	75,007,658	0	1.0373	77,805,444
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	42,102,477	0	1.0373	43,672,899
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	42,102,477	0	1.0373	43,672,899
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9048	38,543,790	106,334		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347	38,543,790	106,334		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394	46,730,355	106,367		For
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2861	46,730,355	109,797		For
Large Use Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394	25,819,528	80,782		For
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2861	25,819,528	85,210		For
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071	254,508	0	1.0373	264,001
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016	254,508	0	1.0373	264,001
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1903	854,489	2,390		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134	854,489	2,390		

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. 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.

001

Uniform Transmission Rates	Unit		2019 Jan 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		2019 Jan 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		2019 Jan to Jun	2019 Jul to Dec	2020		2021
Rate Description			Rate	Rate	Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -	\$	-
If needed, add extra host here. (II)	Unit		2019 Jan to Jun	2019 Jul to Dec	2020		2021
Rate Description			Rate	Rate	Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	н	listorical 2019		Current 2020	F	orecast 2021

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 combine In the green shaked cans, note than a state of the state



Total including deduction for Low Voltage Switchgear Credit \$

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

IESO		Network		Lin	e Connectior	1	Transfor	rmation Cor	inection	Total Connec
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	35,965 \$	3.9200	\$ 140,983	38,613	\$ 0.9700 \$	\$ 37,455	-	\$ 2.3300	ş -	\$ 37
February	35,350 \$	3.9200	\$ 138,572	36,300	\$ 0.9700 \$	\$ 35,211	-	\$ 2.3300	s -	\$ 35
March	31,059 \$	3.9200	\$ 121,751	35,394	\$ 0.9700 \$	\$ 34,332	-	\$ 2.3300	s -	\$ 34
April May	26,983 \$ 24,975 \$	3.9200 3.9200	\$ 105,773 \$ 97,902	48,555 30,407	\$ 0.9700 \$ \$ 0.9700 \$	\$ 47,098 \$ 29,495	-	\$ 2.3300 \$ 2.3300	s - s -	\$ 47 \$ 29
June	38,900 \$	3.9200	\$ 152,488	41,033	\$ 0.9700 \$	\$ 29,495 \$ 39,802		\$ 2.3300	\$ -	\$ 39
July	43,702 \$	3.9200	\$ 171,311	48,990	\$ 0.9700 \$	\$ 47,520	-	\$ 2.3300	š -	\$ 47
August	43,262 \$	3.9200	\$ 169,587	44,342	\$ 0.9700 \$	\$ 43,012	-		\$ -	\$ 43
September	41,551 \$	3.9200	\$ 162,880	42,065	\$ 0.9700 \$	40,803		\$ 2.3300	š -	\$ 40
October	34,998 \$	3.9200	\$ 137,192	35,188	\$ 0.9700 \$	\$ 34,132	-	\$ 2.3300	\$ -	\$ 34
November	28,622 \$	3.9200	\$ 112,198	32,109	\$ 0.9700 \$	\$ 31,146	-	\$ 2.3300	\$ -	\$ 31
December	33,180 \$	3.9200	\$ 130,066	36,945	\$ 0.9700 \$	\$ 35,837	-	\$ 2.3300	\$-	\$ 35
Total	418,547 \$	3.92	\$ 1,640,704	469,940	\$ 0.97 \$	\$ 455,842		\$ -	s -	\$ 455
		Network			e Connection		Transfo	rmation Cor	-	Total Connec
Hydro One		Network	•							
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January February	- \$		\$ - \$ -		\$ 0.8045 \$ \$ 0.8045 \$		-		\$ - \$ -	\$ \$
March	- \$	3.3980	s -					\$ 2.0194	s -	\$ \$
April	- \$ - \$	3.3980	\$ -		\$ 0.8045 \$ 0.8045			\$ 2.0194	s -	\$
May			\$ -					\$ 2.0194	s -	\$
June	- S - S		\$ -		\$ 0.8045 \$ \$ 0.8045 \$			\$ 2.0194	s -	\$
July	- \$		\$ -		\$ 0.8045		-		s -	\$
August	- \$	3.3980	\$ -		\$ 0.8045	- S	-		s -	\$
September	- \$		\$ -		\$ 0.8045 \$			\$ 2.0194	s -	\$
October	- \$		\$ -		\$ 0.8045	5 -			\$ -	\$
November	- \$		\$ -		\$ 0.8045 \$				\$ -	\$
December	- \$		\$ -		\$ 0.8045	5 -			\$ -	\$
			•			•			•	
Total	- \$		\$ -		\$ - \$	<u>-</u>		\$ -	\$ -	\$
Add Extra Host Here (I)		Network			e Connectior			mation Cor		Total Connec
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- \$	-	\$ -		\$ - \$	ş -	-	\$ -	s -	\$
February	- \$	-	\$ -	-	\$ - \$	ş -	-	ş -	ş -	\$
March	- \$	-	\$ -		\$ - \$		-		\$ -	\$
April	- \$	-	ş -	-	s - s s - s	-	-	\$- \$-	ş -	\$
May	- \$		\$- \$-				-		\$ -	\$
June	- ş		s - s -		\$ - \$ \$ - \$	• -	-	\$- \$-	\$ - \$ -	\$ \$
July	- \$ - \$		s - s -		\$ - \$ \$ - \$		-	s - s -		
August	- \$		s - s -		s - 3 s - 9		-	s - s -	\$ - \$ -	\$ \$
September October	- 5		s - \$ -		s - 3 \$ - 9		-	э- \$-	s - s -	5 S
November	- \$		s -		\$ - 5			ş - \$ -	\$ -	\$
December	- \$	-	\$ -		\$ - 5	s -		\$ - \$ -	\$ -	\$ \$
Total	- \$		\$ -		\$ - \$			\$ -	\$ -	\$
Add Extra Host Here (II)		Network	<u>·</u>		e Connection		Transfor	rmation Cor		Total Connec
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- S	-	\$ -		\$ - 5	s -		\$ -	s -	\$
	- \$ - \$:	\$- \$-		s - s s - s	6 - 6 -	:	\$- \$-	\$ - \$ -	\$ \$
January February March	- \$ - \$ - \$		\$ - \$ -		s - s s - s	6 - 6 -	-	\$ - \$ -	s - s -	\$ \$
February March April	- \$ - \$	-	\$- \$- \$-		\$ - \$	6 - 6 -	-	\$ - \$ -	\$ -	\$
February March April May	- \$ - \$	-	\$- \$- \$- \$-	-	\$ - 5 \$ - 5 \$ - 5 \$ - 5	5 - 5 - 5 -	-	\$- \$- \$- \$-	\$- \$- \$- \$-	\$ \$ \$ \$
February March April May June	- \$ - \$	-	\$ - \$ - \$ - \$ - \$ - \$ -		\$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ - 5	5 - 5 - 5 -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$
February March April May June July	- S - S - S - S - S	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -		\$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ - 5 \$ \$ - 5 \$ \$ - 5 \$ \$ \$ - 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5 - 5 - 5 - 5 - 5 -		· · · · · · · · · · · · · ·	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$
February March April May June July August	- S - S - S - S - S	-	\$- \$- \$- \$- \$- \$- \$- \$- \$- \$-		\$ - 5 \$ -	6 - 6 - 6 -		·\$	\$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$-	\$ \$ \$ \$ \$
February March April May June July August September	- \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ - 5 \$ - 5	5		· · · · · · · ·	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$
February March April May June July August September October	- \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$					· · · · · · · · · ·	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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Total including deduction for Low Voltage Switchgear Credit \$ 455,842

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	ne Connectior	n	Transfo	ormation Con	nection	Total Conne	ection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount	nt
January	35,965	\$ 3.9200 \$ 3.9200		38,613	\$ 0.9700 \$ \$ 0.9700 \$	\$ 37,455	-		s -		37,455
February	35,350	\$ 3.9200		36,300	\$ 0.9700 \$	\$ 35,211	-		s -		35,211
March	31,059 26,983	\$ 3.9200 \$ 3.9200		35,394 48,555	\$ 0.9700 \$	\$ 34,332	-		s -	\$ 3	34,332
April					\$ 0.9700 \$		-		\$ -	\$ 4	47,098
May June	24,975 38,900	\$ 3.9200 \$ 3.9200	\$	30,407 41.033	\$ 0.9700 \$ \$ 0.9700 \$	\$ 29,495 \$ 39.802	-		\$ - \$ -		29,495 39.802
July		\$ 3.9200		48,990	\$ 0.9700 \$		-	\$ 2.3300	s -		47.520
August	43,262	\$ 3.9200	169.587	44,342	\$ 0.9700 \$		-		\$ -		43,012
September	41,551	\$ 3.9200	\$ 162,880		\$ 0.9700 \$	\$ 40,803	-		\$ -		40,803
October	34,998	\$ 3.9200	\$ 137,192	35,188	\$ 0.9700 \$ \$ 0.9700 \$	\$ 34,132	-	\$ 2.3300	\$ -	\$ 3	34,132
November	28,622	\$ 3.9200	\$ 112,198	32,109	\$ 0.9700 \$	\$ 31,146	-	\$ 2.3300	\$ -	\$ 3	31,146
December	33,180	\$ 3.9200	\$ 130,066	36,945	\$ 0.9700 \$	\$ 35,837	-	\$ 2.3300	\$ -	\$ 3	35,837
Total	440 547	\$ 3.92	4 640 704	400.040	\$ 0.97 \$	455.040				e 45	CE 040
	418,547	φ 0.02 ·	\$ 1,640,704	469,940				ş -	\$ -		55,842
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February March	-	\$ 3.3980 \$ 3.3980	ş -	-	\$ 0.8045 \$ \$ 0.8045 \$	ş -	-	\$ 2.0194 \$ 2.0194	\$ - \$ -	s	-
April	-	\$ 3.3980 \$					-			ş	-
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June		\$ 3.3980			\$ 0.8045 \$			\$ 2.0194	s -	ŝ	-
July		\$ 3.3980			\$ 0.8045 \$			\$ 2.0194	\$ -	ŝ	
August		\$ 3.3980			\$ 0.8045 \$		-	\$ 2.0194	\$-	š	-
September		\$ 3.3980			\$ 0.8045 \$		-	\$ 2.0194	\$ -	ŝ	-
October	-	\$ 3.3980	\$ -	-	\$ 0.8045 \$		-	\$ 2.0194	š -	ŝ	-
November	-	\$ 3.3980			\$ 0.8045 \$		-		\$ -	\$	-
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January February March April May June June July August September October October November December Total Total January February February April March April	Units Billed 35,965 35,350 31,059 26,883	S - 1 S	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed	\$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nt 37,455 35,211 34,332 47,098 29,495
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January February March April May June July August September October November December Total Total Month January February March April May June July June July August September October	Units Billed 35,965 35,350 31,059 26,983 24,975 38,900 43,702 43,262 41,551 34,998	s - s \$ 3.92 s \$ 3.92	\$ - \$ 140,983 \$ 138,572 \$ 152,182 \$ 17,311 \$ 199,987 \$ 152,488 \$ 137,192	Lints Billed 38,613 36,300 35,394 48,595 30,407 41,033 48,990 44,342 42,065 35,188	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed	- -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ 5 5 5 7 Total Contro Amount \$ 3 \$ 3 \$ 3 \$ 4 \$ 2 \$ 3 \$ 4 \$ \$ 4 \$ \$ 4 \$ \$ 5 \$ 3 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$	nt 37,455 35,211 34,332 47,098 29,495 39,802 47,520 43,012 40,803 34,132
January February March April May June July August September October November December Total Total Month January February Herbuary March April May June July August September October November	- - - - - - - - - - - - - - - - - - -	S S S -	\$ - \$ 140.983 \$ 170.902 \$ 152.488 \$ 170.418 \$ 162.880 \$ 137.192 \$ 112.198	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed	S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nt 37,455 35,211 34,332 47,098 29,495 39,802 47,520 43,012 40,803 34,132 31,146
January February March April May June July August September October November December Total Total Month January February March April May June July June July August September October	- - - - - - - - - - - - - - - - - - -	s - s \$ 3.92 s \$ 3.92	\$ - \$ 140.983 \$ 170.902 \$ 152.488 \$ 170.418 \$ 162.880 \$ 137.192 \$ 112.198	- - - - - - - - - - - - - - - - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transfo Units Billed	- -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nt 37,455 35,211 34,332 47,098 29,495 39,802 47,520 43,012 40,803 34,132
January February March April May June July August September October November December Total Total Month January February Herbuary March April May June July August September October November	- - - - - - - - - - - - - - - - - - -	S S S -	\$ - \$ -	- - - - - - - - - - - - - - - - - - -	\$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$	\$ - \$ -	Transfo Units Billed	S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nt 37,455 35,211 34,332 47,098 29,495 39,802 47,520 43,012 40,803 34,132 31,146
January February March April May June July August September October November December Total Total Month January February March Aray June July August September October November	- - - - - - - - - - - - - - - - - - -	s -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 140,983 \$ 140,983 \$ 140,983 \$ 152,488 \$ 177,1311 \$ 162,880 \$ 137,192 \$ 130,066 \$ 130,066	- - - - - - - - - - - - - - - - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$	\$ - \$ -	Transic Units Billed	\$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nt 37,455 35,211 34,332 47,098 29,495 39,802 47,520 43,012 40,803 34,132 31,146 35,837
January February March April May June July August September October November December Total Total Month January February March Aray June July August September October November	- - - - - - - - - - - - - - - - - - -	s -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 140,983 \$ 140,983 \$ 140,983 \$ 152,488 \$ 177,1311 \$ 162,880 \$ 137,192 \$ 130,066 \$ 130,066	- - - - - - - - - - - - - - - - - - -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$ 0.97 \$ \$	\$ - \$ -	Transic Units Billed	\$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nt 37,455 35,211 34,332 47,098 29,495 39,802 47,520 43,012 40,803 34,132 31,146 35,837

Total including deduction for Low Voltage Switchgear Credit \$ 455,842

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 General Service Less Than 50 kW Service Classification General Service 50 To 4,990 kW Service Classification Large Use Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh \$/kWh	0.0078 0.0071 2.9048 3.1394 3.1394 0.0071 2.1903	77,805,444 43,672,899 264,001	0 0 106,334 106,367 80,782 0 2,390	606,882 310,078 308,879 333,929 253,608 1,874 5,235	33.3% 17.0% 17.0% 18.3% 13.9% 0.1% 0.3%	546,950 279,456 278,376 300,952 228,563 1,689 4,718	0.0070 0.0064 2.6179 2.8294 2.8294 0.0064 1.9740
The purpose of this table is to re-align the current	RTS Connection Rates to recover current wholesale connection costs.								
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW	0.0016 0.0016 0.5347 1.2861	77,805,444 43,672,899	0 0 106,334 109,797	124,489 69,877 56,857 141,210	24.7% 13.9% 11.3% 28.0%	112,721 63,271 51,482 127,861	0.0014 0.0014 0.4842 1.1645
Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see N Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kWh \$/kW	1.2861 0.0016 0.4134	264,001	85,210 0 2,390	109,589 422 988	21.8% 0.1% 0.2%	99,229 382 895	1.1645 0.0014 0.3743
The nurnose of this table is to undate the re-aligne	d RTS Network Rates to recover future wholesale network costs.								
The purpose of this tuble is to update the re-aligne								_	
Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW	RTSR-Network 0.0070 0.0064 2.6179 2.8294		0 0 106,334 106,367	Amount 546,950 279,456 278,376 300,952	Amount % 33.3% 17.0% 17.0% 18.3%	Wholesale Billing 546,950 279,456 278,376 300,952	RTSR- Network 0.0070 0.0064 2.6179 2.8294
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Ganeral Service 50 To 4,999 kW Service Classification Lange Use Service Classification Unmetered Scattered Load Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW	RTSR-Network 0.0070 0.0064 2.6179 2.8294 2.8294 0.0064	Billed kWh 77,805,444	0 0 106,334 106,367 80,782 0	Amount 546,950 279,456 278,376 300,952 228,563 1,689	Amount % 33.3% 17.0% 17.0% 18.3% 13.9% 0.1%	Wholesale Billing 546,950 279,456 278,376 300,952 228,563 1,689	RTSR- Network 0.0070 0.0064 2.6179
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kWh \$/kWh \$/kW \$/kW \$/kW	RTSR-Network	Billed kWh 77,805,444 43,672,899	0 0 106,334 106,367 80,782	Amount 546,950 279,456 278,376 300,952 228,563	Amount % 33.3% 17.0% 17.0% 18.3% 13.9%	Wholesale Billing 546,950 279,456 278,376 300,952 228,563	RTSR- Network 0.0070 0.0064 2.6179 2.8294 2.8294 0.0064
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kW	RTSR-Network 0.0070 0.0064 2.6179 2.8294 2.8294 0.0064	Billed kWh 77,805,444 43,672,899	0 0 106,334 106,367 80,782 0	Amount 546,950 279,456 278,376 300,952 228,563 1,689	Amount % 33.3% 17.0% 17.0% 18.3% 13.9% 0.1%	Wholesale Billing 546,950 279,456 278,376 300,952 228,563 1,689	RTSR- Network 0.0070 0.0064 2.6179 2.8294 2.8294 0.0064
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4.999 kW Service Classification General Service 50 To 4.999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification Street Lighting Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate - Interval Metered Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate dt TRS Connection Rates to recover future wholesale connection costs.	\$/kWh \$/kW \$/kW \$/kW \$/kW \$/kWh \$/kWh	RTSR-Network 0.0070 0.0064 2.6179 2.8294 2.8294 0.0064 1.9740 Adjusted RTSR-	Billed kWh 77,805,444 43,672,899 264,001 Loss Adjusted	0 0 106,334 106,367 80,782 0 2,390	Amount 546,950 279,456 278,376 300,952 228,563 1,689 4,718 Billed	Amount % 33.3% 17.0% 17.0% 18.3% 13.9% 0.1% 0.3% Billed	Wholesale Billing 546,950 279,456 278,376 300,952 228,563 1,689 4,718 Forecast Wholesale	RTSR- Network 0.0064 2.6179 2.8294 0.0064 1.9740 Proposed RTSR-

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.

Price Escalator	2.00%	Productivity Factor	0.00%
Choose Stretch Factor Group	Ш	Price Cap Index	1.70%
Associated Stretch Factor Value	0.30%		

Rate Class	Current MFC	MFC Adjustment from R/C Model		DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	29.41				1.70%	29.91	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	40.08		0.0119		1.70%	40.76	0.0121
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	286.44		2.3975		1.70%	291.31	2.4383
LARGE USE SERVICE CLASSIFICATION	3754.95		2.3975		1.70%	3,818.78	2.4383
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	21.56		0.0055		1.70%	21.93	0.0056
STREET LIGHTING SERVICE CLASSIFICATION	7.32		1.7615		1.70%	7.44	1.7914
STANDBY POWER SERVICE CLASSIFICATION	0				1.70%	0.00	0.0000
microFIT SERVICE CLASSIFICATION	10					10	

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

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

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)

sindle meter Entry endige (sine)	
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
 applicable only to LDCs in which the province-wide pole attachment charge applies
 subject to change pending OEB order on miscellaneous service charges

Ontario Energy Board Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

In the Green Celis below, enter all proposed rate riders/rates. In column A, select the rate rider descriptions from the drop-down list in the blue celis. If the rate description cannot be found, enter the rate rider descriptions in the green celis. The rate rider description must begin with "Rate Rider for". In column B, choose the associated unit from the drop-down menu. In column B, choose the associated unit from the drop-down menu. In column B, choose the associated unit from the drop-down description of the exply date in text (e.g. the effective date of the next colume of service-based rate order). In column E, enter the exply date (e.g. April 30, 2020) or description of the exply date in text (e.g. the effective date of the next column A. In these particular cases, from the dropdown list in column C, enter the exply date (e.g. April 30, 2020) or description or anter enter date and the column A. In these particular cases, from the dropdown list in column C, enter the exply date (e.g. April 30, 2020) or description or antered in text (e.g. the effective date of the next column A. In these particular cases, from the dropdown list in column C, enter the exply date is explored to the rate rider indexs that rate description was entered and in the green cell in column A. In these particular cases, from the dropdown cases the explored the rate and rate the explored to the rate rider index that the considered as pass through costs (eg: LRAWA and CMACM rate riders). Sub-total B refers to rates/rates/rate riders that are considered pass through costs. criptions in the green cells. The rate rider description

RESIDENTIAL SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOT
			- effective until - effective until		
			 effective until effective until 		
			- effective until		
			 effective until 		
			 effective until effective until 		
tate Rider for Disposition of Large Use Deferral/Variance Accounts	s	-0.16	- effective until	4/30/2022	A
			- effective until		
			- effective until		
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOT
			- effective until - effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
ate Rider for Disposition of Large Use Deferral/Variance Accounts	\$/kWh	-0.0002	 effective until effective until 		в
			- effective until		
			- effective until		
ENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOT
			- effective until		
			 effective until effective until 		
			- effective until		
			- effective until		
			- effective until		
ate Rider for Disposition of Large Use Deferral/Variance Accounts	\$/kW	-0.0253	 effective until effective until 		в
and the end of the one offering variance accounts	\$/KVV	-0.0233	 effective until effective until 	7/ 50/ 2022	
			- effective until		
LARGE USE SERVICE CLASSIFICATION	UNIT	RATE	- effective until	DATE (e.g. April 30, 2022)	SUB-TOT
			- effective until		
			- effective until		
			 effective until effective until 		
			- effective until		
			- effective until		
Rate Rider for Disposition of Large Use Deferral/Variance Accounts	\$/kW	-0.0108	- effective until		в
			 effective until effective until 		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	UNIT	RATE		DATE (e.g. April 30, 2022)	SUB-TOT
			 effective until effective until 		
			- effective until		
			- effective until		
			- effective until		
			- effective until - effective until		
ate Rider for Disposition of Large Use Deferral/Variance Accounts	\$/kWh	-0.0002	- effective until		
ate Rider for Disposition of Large Use Deferral/Variance Accounts	\$/kWh	-0.0002	 effective until effective until effective until effective until effective until effective until 		в
tate Rider for Disposition of Large Use Deferral/Variance Accounts	\$/kWh	-0.0002	- effective until - effective until - effective until - effective until		в
	\$/kWh	-0.0002 RATE	 effective until effective until effective until effective until effective until effective until 	4/30/2022	В
			 effective until 	4/30/2022 DATE (e.g. April 30, 2022)	В
			 effective until 	4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT
			 effective until 	4/30/2022 DATE (o.g. April 30, 2022)	B SUB-TOT
			 effective until 	4/30/2022 DATE (o.g. April 30, 2022)	B SUB-TOT
			- effective until - - effective until -	4/30/2022 DATE (o.g. April 30, 2022)	B
STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	effective until	4/30/2022 DATE (e.g. April 30, 2022)	B
STREET LIGHTING SERVICE CLASSIFICATION			- effective until - - effective until -	4/30/2022 DATE (e.g. April 30, 2022)	B
STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	effective until	4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	effective until e	4/30/2022 DATE (o.g. April 30, 2022) 4/30/2022	B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT	RATE	effective until e	4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	-effective until	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	-effective entil -effective entil	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B B SUB-TOT
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STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	-effective entil -effective entil	4/30/2022 DATE (o.g. April 30, 2022) 4/30/2022 DATE (o.g. April 30, 2022)	B SUB-TOT B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	-effective endi -	4/30/2022 DATE (o.g. April 30, 2022) 4/30/2022 DATE (o.g. April 30, 2022)	B SUB-TOT B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	-effective endi -	4/30/2022 DATE (o.g. April 30, 2022) 4/30/2022 DATE (o.g. April 30, 2022)	B SUB-TOT. B SUB-TOT.
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	- effective endi - eff	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kW	RATE -0.6802	- effective endi - eff	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022) DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022) DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
tate Rider for Disposition of Large Use Deferral/Variance Accounts STREET LIGHTING SERVICE CLASSIFICATION Rate Rider for Disposition of Large Use Deferral/Variance Accounts STANDBY POWER SERVICE CLASSIFICATION microFIT SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022) DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022) DATE (e.g. April 30, 2022)	B SUB-TOT
STREET LIGHTING SERVICE CLASSIFICATION	UNIT 5/kw UNIT	RATE -0.6802 RATE	-effective endi -	4/30/2022 DATE (e.g. April 30, 2022) 4/30/2022 DATE (e.g. April 30, 2022) DATE (e.g. April 30, 2022)	B SUB-TOT SUB-TOT

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	29.91
Rate Rider for Disposition of Large Use Deferral/Variance Accounts - effective until April 30, 2022	\$	(0.16)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until April 30, 2023	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	(0.0008)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0014
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
	¢/1/1/h	0.0004

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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	40.76
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0121
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until April 30, 2023	\$/kWh	0.0006
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	(0.0008)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Large Use Deferral/Variance Accounts - effective until April 30, 2022	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0014
MONTHLY RATES AND CHARGES - Regulatory Component		

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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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

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

Service Charge	\$	291.31
Distribution Volumetric Rate	\$/kW	2.4383
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022 Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) - effective until April 30, 2023	\$/kW	0.1748

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.3130)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0480)
Rate Rider for Disposition of Large Use Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	(0.0253)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6179
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4842
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8294
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.1645

MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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LARGE USE SERVICE CLASSIFICATION

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

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

Service Charge	\$	3,818.78
Distribution Volumetric Rate	\$/kW	2.4383
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.2404)
Rate Rider for Disposition of Large Use Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	(0.0108)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.8294
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note	1)	
	\$/kW	1.1645

Effective and Implementation Date May 1, 2021

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

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MONTHLY RATES AND CHARGES - Regulatory Component

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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per customer)	\$	21.93
Distribution Volumetric Rate	\$/kWh	0.0056
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kWh	(0.0008)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Disposition of Large Use Deferral/Variance Accounts - effective until April 30, 2022	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0014
MONTHLY DATES AND CHARGES Degulatory Component		
MONTHLY RATES AND CHARGES - Regulatory Component		
Whelessle Market Convice Date (WMC) and including CDD	¢////h	0 0020

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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	7.44
Distribution Volumetric Rate	\$/kW	1.7914
Rate Rider for Disposition of Global Adjustment Account (2021) - effective until April 30, 2022		
Applicable only for Non-RPP Customers	\$/kWh	(0.0005)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2021) -		
effective until April 30, 2023	\$/kW	9.5584
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until April 30, 2022	\$/kW	(0.2836)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until April 30, 2022		
Applicable only for Class B Customers	\$/kW	(0.0444)
Rate Rider for Disposition of Large Use Deferral/Variance Accounts - effective until April 30, 2022	\$/kW	(0.6802)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9740
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.3743
MONTHLY RATES AND CHARGES - Regulatory Component		

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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. 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 changes, 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

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0042

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Indepedent 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	\$	10.00
ALLOWANCES Transformer Allowance for Ownership - per kW of billing demand/month Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	\$/kW %	(0.56) (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	
Arrears certificate	\$ 15.00
Statement of account	\$ 15.00
Pulling post dated cheques	\$ 15.00
Duplicate invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement letter	\$ 15.00

Effective and Implementation Date May 1, 2021

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

approved schedules of Nates, onliges and Loss Factors	,	EB-2020-0042
Account history	\$	ЕБ-2020-0042 15.00
	Ψ \$	15.00
Credit check (plus credit agency costs)		
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00
Non-Pavment of Account		
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00
Other		
Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
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.

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	\$	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

Effective and Implementation Date May 1, 2021 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

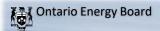
EB-2020-0042

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

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	1.0373
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0275
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045



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 to a residential customers to consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 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	kWh	RPP	1.0373	1.0373	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	1.0373	1.0373	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0373	1.0373	52,500	135		
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0373	1.0373	2,150,627	7,100		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0373	1.0373	800			1
STREET LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0373	1.0373	10,150	29		300
STANDBY POWER SERVICE CLASSIFICATION	kW		1.0373	1.0373				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0373	1.0373	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0373	1.0373	2,000			
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Retailer)	1.0373	1.0373	52,500	135		
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0373	1.0373	10,150	29		300
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIF (Interval)	kW	Non-RPP (Other)	1.0373	1.0373	52,500	135		
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				
Add additional scenarios if required			1.0373	1.0373				

Table 2

					Sub	Total				Total	
RATE CLASSES / CATEGORIES	Units	Α				В			2	Total Bill	
eg: Residential TOU, Residential Retailer)		\$	%		\$	%		\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ (0.19)	-0.6%	\$	(1.09)	-3.2%	\$	(1.86)	-4.5%	\$ (1.51)	-1.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 0.28	0.4%	\$	(2.72)	-3.5%	\$	(4.59)	-4.8%	\$ (3.72)	-1.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (11.26)	-1.7%	\$	(232.62)	-29.1%	\$	(278.17)	-22.0%	\$ (314.33)	-3.1%
ARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (1,072.17)	-4.8%	\$	(8,906.18)	-31.5%	\$	(11,970.54)	-20.1%	\$ (13,526.71)	-3.2%
JNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.05	0.2%	\$	(1.15)	-3.8%	\$	(1.90)	-5.0%	\$ (1.54)	-1.3%
STREET LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ (73.99)	-2.8%	\$	(107.40)	-4.0%	\$	(114.80)	-4.2%	\$ (129.73)	-2.7%
STANDBY POWER SERVICE CLASSIFICATION -	kW	\$ -	0.0%	\$	-	0.0%	\$	-	0.0%	\$ -	0.0%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ (0.19)	-0.6%	\$	(3.19)	-8.8%	\$	(3.96)	-9.1%	\$ (4.48)	-2.7%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retaile	kWh	\$ 0.28	0.4%	\$	(8.32)	-10.1%	\$	(10.19)	-10.2%	\$ (11.51)	-2.7%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kW	\$ (11.26)	-1.7%	\$	(232.62)	-29.1%	\$	(278.17)	-22.0%	\$ (314.33)	-3.1%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (73.99)	-2.8%	\$	(135.82)	-5.0%	\$	(143.22)	-5.1%	\$ (161.84)	-3.3%
GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ (11.26)	-1.7%	\$	(232.62)	-29.1%	\$	(278.17)	-22.0%	\$ (314.33)	-3.1%
							+				
				1							
				-			+				

RPP / Non-RPP: RPP										
Consumption	750 kWh									
Demand	- kW									
Current Loss Factor	1.0373									
Proposed/Approved Loss Factor	1.0373									
			EB-Approve			Proposed		1	npact	
		Rate	Volume	Charge	Rate	Volume	Charge	¢ Ohanna	% Change	
Monthly Service Charge	¢	(\$) 29.41	4	(\$) \$ 29.41	(\$) \$ 29.91	1	(\$) \$ 29.9	\$ Change 1 \$ 0.50	% Change	
Distribution Volumetric Rate	ş	29.41	750		\$ 29.91 \$ -	750		\$ 0.50 \$ -	1.70%	
Fixed Rate Riders	ŝ	0.60	1 1	\$ 0.60	\$ (0.16)	750		6) \$ (0.76	-126.67%	
Volumetric Rate Riders	s	-	750		\$ 0.0001	750		3 \$ 0.08		
Sub-Total A (excluding pass through)	*		100	\$ 30.01	• • • • • • • • •		\$ 29.8			
Line Losses on Cost of Power	\$	0.1280	28		\$ 0.1280	28		3 \$ -	0.00%	
Total Deferral/Variance Account Rate	e	0.0003	750		-\$ 0.0008	750		0) \$ (0.83	-366.67%	
Riders	Ŷ	0.0003							,	
CBR Class B Rate Riders	\$	-	750		-\$ 0.0001			3) \$ (0.08)	
GA Rate Riders	\$	-	750		\$-		\$ -	\$ -		
Low Voltage Service Charge	\$	-	750	\$ -		750	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.5	7 \$ -	0.00%	
Additional Fixed Rate Riders	s	-	1	\$ -	s -	1	s -	\$ -		
Additional Volumetric Rate Riders	ŝ	-	750	\$ -	\$ -	750	\$ -	\$ -		
Sub-Total B - Distribution (includes				\$ 34.39			\$ 33.3	0 \$ (1.09	-3.16%	
Sub-Total A)										
RTSR - Network	\$	0.0078	778	\$ 6.07	\$ 0.0070	778	\$ 5.4	5 \$ (0.62) -10.26%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	\$	0.0016	778	\$ 1.24	\$ 0.0014	778	\$ 1.0	\$ (0.16	-12.50%	
Transformation Connection	•			•				• • • • • •		In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-				\$ 41.70			\$ 39.8	4 \$ (1.86	-4.47%	
Total B) Wholesale Market Service Charge										
(WMSC)	\$	0.0034	778	\$ 2.65	\$ 0.0034	778	\$ 2.6	5 \$ -	0.00%	
Rural and Remote Rate Protection										
(RRRP)	\$	0.0005	778	\$ 0.39	\$ 0.0005	778	\$ 0.3	9\$-	0.00%	
Standard Supply Service Charge	\$	0.25	1	\$ 0.25				5 \$ -	0.00%	
TOU - Off Peak	\$	0.1280	480			480		4 \$ -	0.00%	
TOU - Mid Peak	\$	0.1280	135				\$ 17.2		0.00%	
TOU - On Peak	\$	0.1280	135	\$ 17.28	\$ 0.1280	135	\$ 17.2	8 \$ -	0.00%	
					-					
Total Bill on TOU (before Taxes)		100/		\$ 140.98	1000		\$ 139.1			
HST		13%		\$ 18.33	13%		\$ 18.0) -1.32%	
Ontario Electricity Rebate		31.8%		\$ (44.83) \$ 114.48	31.8%		\$ (44.2 \$ 112 9			
Total Bill on TOU				\$ 114.48			\$ 112.9	7 \$ (1.51	-1.32%	

Consumption	2,000 kWh										
Demand	- kW										
Current Loss Factor	1.0373										
Proposed/Approved Loss Factor	1.0373										
	1	Current O	EB-Approve	4	1	Propose	Ч		In	pact	l
		Rate	Volume	Charge	Rate	Volume	1	Charge		pact	
		(\$)	. oranio	(\$)	(\$)	, or a new second		(\$)	\$ Change	% Change	
Monthly Service Charge	\$	40.08	1	\$ 40.08	\$ 40.7	6 1	\$	40.76	\$ 0.68	1.70%	
Distribution Volumetric Rate	\$	0.0119	2000	\$ 23.80	\$ 0.012	1 2000	\$	24.20	\$ 0.40	1.68%	
Fixed Rate Riders	\$	-	1	\$-	\$-	1	\$	-	\$ -		
Volumetric Rate Riders	\$	0.0010	2000		\$ 0.000	6 2000)\$	1.20	\$ (0.80)	-40.00%	
Sub-Total A (excluding pass through)				\$ 65.88			\$	66.16		0.43%	
Line Losses on Cost of Power	\$	0.1280	75	\$ 9.55	\$ 0.128	0 75	\$	9.55	\$ -	0.00%	
Total Deferral/Variance Account Rate	s	0.0004	2,000	\$ 0.80	-\$ 0.001	0 2,000	s	(2.00)	\$ (2.80)	-350.00%	
Riders	•									000.0070	
CBR Class B Rate Riders	\$	-	2,000	-	-\$ 0.000			(0.20)			
GA Rate Riders	\$	-	2,000	\$ -	\$-	2,000		-	\$ -		
Low Voltage Service Charge	\$	-	2,000	\$ -	1	2,000	\$	-	\$ -		
Smart Meter Entity Charge (if applicable)	\$	0.57	1	\$ 0.57	\$ 0.5	7 1	\$	0.57	\$-	0.00%	
Additional Fixed Rate Riders	s		1	s -	s -		s		\$-		
Additional Volumetric Rate Riders	ŝ	-	2,000	э •	\$ -	2,000		-	\$ - \$ -		
Sub-Total B - Distribution (includes	Ť	-	2,000	Ψ	* -	2,000	1		Ŧ		
Sub-Total A)				\$ 76.80			\$	74.08	\$ (2.72)	-3.54%	
RTSR - Network	\$	0.0071	2,075	\$ 14.73	\$ 0.006	4 2,075	\$	13.28	\$ (1.45)	-9.86%	In the manager's summary, discus
RTSR - Connection and/or Line and		0.0016	2,075					2.90	,	-12.50%	
Transformation Connection	۶	0.0016	2,075	ə 3.32	ə 0.001	4 2,075	ş	2.90	э (0.41)	-12.50%	In the manager's summary, discus
Sub-Total C - Delivery (including Sub-				\$ 94.85			\$	90.26	\$ (4.59)	-4.84%	
Total B)				¥ 34.85			Ψ	30.20	¢ (1 .59)		
Wholesale Market Service Charge	\$	0.0034	2,075	\$ 7.05	\$ 0.003	4 2,075	s	7.05	\$ -	0.00%	
(WMSC)	Ť	0.0004	2,070	- 1.00		_,010	Ť		Ŧ	0.0070	
Rural and Remote Rate Protection	\$	0.0005	2,075	\$ 1.04	\$ 0.000	5 2,075	\$	1.04	\$ -	0.00%	
(RRRP)			-,						-		
Standard Supply Service Charge	\$	0.25	1	\$ 0.25			\$	0.25		0.00%	
TOU - Off Peak	\$	0.1280	1,280					163.84		0.00%	
TOU - Mid Peak	\$	0.1280	360					46.08		0.00%	
TOU - On Peak	\$	0.1280	360	\$ 46.08	\$ 0.128	0 360	\$	46.08	\$-	0.00%	
Total Bill on TOU (before Taxes)				\$ 359.19	I		•	354.60	\$ (4.59)	-1.28%	
HST		13%		\$ 359.19 \$ 46.69	13	0/.	s S	46.10		-1.28%	
Ontario Electricity Rebate		31.8%		\$ 40.09 \$ (114.22)			э S	(112.76)		-1.28%	
Total Bill on TOU		31.8%		\$ (114.22) \$ 291.66	31.8	/0	э \$	287.94		-1.28%	

Customer Class:	GENERAL SER	RVICE 50 to 4,999 kW SERVICE CLASSIFICA	ATION
RPP / Non-RPP:	Non-RPP (Othe	er)	
Consumption	52,500	kWh	
Demand	135	kW	
Current Loss Factor	1.0373		
Proposed/Approved Loss Factor	1.0373		

, i i i i i i i i i i i i i i i i i i i	Current O	EB-Approve			Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 286.44		\$ 286.44		1		\$ 4.87	1.70%	
Distribution Volumetric Rate	\$ 2.3975	135	\$ 323.66	\$ 2.4383	135	\$ 329.17	\$ 5.51	1.70%	
Fixed Rate Riders	\$-	1	\$-	\$-	1	\$ -	\$-		
Volumetric Rate Riders	\$ 0.3351	135	\$ 45.24	\$ 0.1748	135		\$ (21.64)	-47.84%	
Sub-Total A (excluding pass through)			\$ 655.34			\$ 644.08	\$ (11.26)	-1.72%	
Line Losses on Cost of Power	\$-	-	\$-	\$-	-	\$-	\$-		
Total Deferral/Variance Account Rate	\$ 0.1645	135	\$ 22.21	-\$ 0.3383	135	\$ (45.67)	\$ (67.88)	-305.65%	
Riders	• 0.1040		ψ 22.21					000.0070	
CBR Class B Rate Riders	\$-	135	\$-	-\$ 0.0480	135				
GA Rate Riders	\$ 0.0023	52,500	\$ 120.75	-\$ 0.0005	52,500		\$ (147.00)	-121.74%	
Low Voltage Service Charge	\$-	135	\$-		135	\$-	\$-		
Smart Meter Entity Charge (if applicable)	e .	1	\$ -	¢	1	e .	¢		
	÷ -	· ·	Ψ -	÷ -	-	•	φ -		
Additional Fixed Rate Riders	\$-	1	\$-	\$ -	1	*	\$-		
Additional Volumetric Rate Riders	\$-	135	\$-	\$ -	135	\$ -	\$ -		
Sub-Total B - Distribution (includes			\$ 798.30			\$ 565.68	\$ (232.62)	-29.14%	
Sub-Total A)						-			
RTSR - Network	\$ 2.9048	135	\$ 392.15	\$ 2.6179	135	\$ 353.42	\$ (38.73)	-9.88%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	\$ 0.5347	135	\$ 72.18	\$ 0.4842	135	\$ 65.37	\$ (6.82)	-9.44%	
Transformation Connection	\$ 0.5547	155	ψ 12.10	φ 0. 4 042	155	φ 05.51	φ (0.02)	-3.4470	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 1,262.63			\$ 984.46	\$ (278.17)	-22.03%	
Total B)			φ 1,202.00			¥ 004.40	φ (210.11)	-22.00 /0	
Wholesale Market Service Charge	\$ 0.0034	54,458	\$ 185.16	\$ 0.0034	54,458	\$ 185.16	\$.	0.00%	
(WMSC)	* 0.0004	04,400	φ 100.10	• 0.0004	04,400	• 100.10	Ψ	0.0070	
Rural and Remote Rate Protection	\$ 0.0005	54,458	\$ 27.23	\$ 0.0005	54,458	\$ 27.23	¢	0.00%	
(RRRP)		54,450	-		54,450		-		
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25		1	\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	54,458	\$ 7,449.89	\$ 0.1368	54,458	\$ 7,449.89	\$-	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 8,925.16			\$ 8,646.99		-3.12%]
HST	13%		\$ 1,160.27	13%		\$ 1,124.11	\$ (36.16)	-3.12%	
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -			
Total Bill on Average IESO Wholesale Market Price			\$ 10,085.43			\$ 9,771.10	\$ (314.33)	-3.12%	
									1

	LARGE USE SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	2,150,627 kWh	
Demand	7,100 kW	
Current Loss Factor	1.0373	
Proposed/Approved Loss Factor	1.0373	

	Current O	EB-Approve	d		Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 3,754.95	1	\$ 3,754.95		1			1.70%	
Distribution Volumetric Rate	\$ 2.3975	7100	\$ 17,022.25	\$ 2.4383	7100		\$ 289.68	1.70%	
Fixed Rate Riders	\$-	1	\$-	\$-	1	\$-	\$-		
Volumetric Rate Riders	\$ 0.2008	7100		\$-	7100		\$ (1,425.68)	-100.00%	
Sub-Total A (excluding pass through)			\$ 22,202.88			\$ 21,130.71	\$ (1,072.17)	-4.83%	
Line Losses on Cost of Power	\$ -	-	\$-	\$-	-	\$ -	\$-		
Total Deferral/Variance Account Rate	\$ 0.1555	7,100	\$ 1,104.05	-\$ 0.2512	7,100	\$ (1,783.52)	\$ (2.887.57)	-261.54%	
Riders	• • • • • • • • • • • • • • • • • • • •				· · · · ·	()	φ (2,007.07)	201.0470	
CBR Class B Rate Riders	\$ -		\$ -	\$ -	7,100		\$ -		
GA Rate Riders	\$ 0.0023	2,150,627	\$ 4,946.44	\$-	2,150,627		\$ (4,946.44)	-100.00%	
Low Voltage Service Charge	\$ -	7,100	\$-		7,100	\$-	\$-		
Smart Meter Entity Charge (if applicable)	s .	1	\$.	\$	1	s -	\$ -		
	•		Ψ	•		•	Ψ		
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		
Additional Volumetric Rate Riders	\$ -	7,100	\$-	\$-	7,100	\$ -	\$-		
Sub-Total B - Distribution (includes			\$ 28,253.37			\$ 19,347.19	\$ (8,906.18)	-31.52%	
Sub-Total A)						· · · · ·			
RTSR - Network	\$ 3.1394	7,100	\$ 22,289.74	\$ 2.8294	7,100	\$ 20,088.74	\$ (2,201.00)	-9.87%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	\$ 1.2861	7,100	\$ 9,131.31	\$ 1.1645	7,100	\$ 8,267.95	\$ (863.36)	-9.45%	
Transformation Connection	* 1.2001	7,100	φ 0,101.01	¢ 1.1040	1,100	φ 0,201.00	φ (000.00)	0.4070	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 59.674.42			\$ 47,703.88	\$ (11,970.54)	-20.06%	
Total B)			• •••,••			•,	• (,•.•••••,	20.0070	
Wholesale Market Service Charge	\$ 0.0034	2,230,845	\$ 7,584.87	\$ 0.0034	2,230,845	\$ 7,584.87	\$ -	0.00%	
(WMSC)	• • • • • • • • • • • • • • • • • • • •	2,200,010	• ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• • • • • • • •	_,,	• .,	Ŷ	0.0070	
Rural and Remote Rate Protection	\$ 0,0005	2,230,845	\$ 1,115.42	\$ 0.0005	2,230,845	\$ 1,115.42	\$ -	0.00%	
(RRRP)		2,200,040			2,200,040	· · · · · ·			
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25		0.00%	
Average IESO Wholesale Market Price	\$ 0.1368	2,230,845	\$ 305,179.65	\$ 0.1368	2,230,845	\$ 305,179.65	\$-	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 373,554.62				\$ (11,970.54)	-3.20%	
HST	13%		\$ 48,562.10	13%		\$ 47,005.93	\$ (1,556.17)	-3.20%	
Ontario Electricity Rebate	31.8%		\$-	31.8%		\$ -			
Total Bill on Average IESO Wholesale Market Price			\$ 422,116.72			\$ 408,590.01	\$ (13,526.71)	-3.20%	

RPP / Non-RPP: <u>RPP</u> Consumption	800 kWh									
Demand	- kW									
Current Loss Factor	1.0373									
Proposed/Approved Loss Factor	1.0373									
	1.0010									
		Current O	EB-Approved	ł		Proposed		Im	pact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	\$	21.56	1			1	\$ 21.93	\$ 0.37	1.72%	
Distribution Volumetric Rate	\$	0.0055	800		\$ 0.0056	800	\$ 4.48	\$ 0.08	1.82%	
Fixed Rate Riders	\$	-	1	\$ -	\$ -	1	\$ -	\$ -		
Volumetric Rate Riders	Ś	0.0005	800		ŝ -	800	ś -	\$ (0.40)	-100.00%	
Sub-Total A (excluding pass through)				\$ 26.36			\$ 26.41		0.19%	
Line Losses on Cost of Power	\$	0.1280	30	\$ 3.82	\$ 0.1280	30	\$ 3.82	\$ -	0.00%	
Total Deferral/Variance Account Rate										
Riders	\$	0.0004	800	\$ 0.32	-\$ 0.0010	800	\$ (0.80)	\$ (1.12)	-350.00%	
CBR Class B Rate Riders	\$	-	800	\$ -	-\$ 0.0001	800	\$ (0.08)	\$ (0.08)		
GA Rate Riders	ŝ	-	800		\$ -	800	\$ -	\$ -		
Low Voltage Service Charge	ŝ	-	800			800	s -	\$ -		
Smart Meter Entity Charge (if applicable)					s -	1	s -	s -		
, , , , ,	Þ	-	1	\$ -	\$-	1	•	ъ -		
Additional Fixed Rate Riders	\$	-		\$-	\$-	1	\$-	\$ -		
Additional Volumetric Rate Riders	\$	-	800	\$-	\$ -	800	\$ -	\$ -		
Sub-Total B - Distribution (includes				\$ 30.50			\$ 29.35	\$ (1.15)	-3.77%	
Sub-Total A)				•						
RTSR - Network	\$	0.0071	830	\$ 5.89	\$ 0.0064	830	\$ 5.31	\$ (0.58)	-9.86%	In the manager's summary, discuss
RTSR - Connection and/or Line and	\$	0.0016	830	\$ 1.33	\$ 0.0014	830	\$ 1.16	\$ (0.17)	-12.50%	
Transformation Connection	•	0.0010	000	•	• •••••		••	¢ (0)	12.00%	In the manager's summary, discuss
Sub-Total C - Delivery (including Sub-				\$ 37.72			\$ 35.82	\$ (1.90)	-5.03%	
Total B) Wholesale Market Service Charge										
(WMSC)	\$	0.0034	830	\$ 2.82	\$ 0.0034	830	\$ 2.82	\$ -	0.00%	
(WMSC) Rural and Remote Rate Protection										
(RRRP)	\$	0.0005	830	\$ 0.41	\$ 0.0005	830	\$ 0.41	\$-	0.00%	
Standard Supply Service Charge	e	0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	¢	0.00%	
TOU - Off Peak	φ e	0.25	512			512	\$ 65.54		0.00%	
TOU - Mid Peak	\$ \$	0.1280		\$ 05.54 \$ 18.43		512	\$ 65.54 \$ 18.43		0.00%	
TOU - Mid Peak TOU - On Peak	s s		144			144	\$ 18.43			
	<u>د ا</u>	0.1280	144		ə 0.1280	144	ə 18.43	φ -	0.00%	
Total Bill on TOU (before Taxes)				\$ 143.61			\$ 141.71	\$ (1.90)	-1.32%	
HST		13%		\$ 18.67	13%		\$ 18.42		-1.32%	
Ontario Electricity Rebate		31.8%		\$ (45.67)			\$ (45.06)		-1.32 /0	
Total Bill on TOU		31.070		\$ 116.61	31.070		\$ 115.07		-1.32%	
				φ 116.61			φ 115.07	ψ (1.54)	-1.32%	

Customer Class: S											
RPP / Non-RPP: R		ING SERVICE CLA	SSIFICATIC	N							
Consumption	10,150	kWb									
Demand	29										
		KW									
Current Loss Factor	1.0373 1.0373										
Proposed/Approved Loss Factor	1.03/3										
	Г		Current O	EB-Approve	d		Proposed		In	npact	1
	Ē	Rate		Volume	Charge	Rate	Volume	Charge			
		(\$)			(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	ī	\$	7.32	300	\$ 2,196.00	\$ 7.44	300		\$ 36.00	1.64%	1
Distribution Volumetric Rate		\$	1.7615	29		\$ 1.7914	29		\$ 0.87	1.70%	
Fixed Rate Riders		\$	-	300		\$-	300		\$-		
Volumetric Rate Riders		\$	13.3812	29		\$ 9.5584	29		\$ (110.86)	-28.57%	
Sub-Total A (excluding pass through)					\$ 2,635.14			\$ 2,561.14	\$ (73.99)	-2.81%	
Line Losses on Cost of Power		\$	0.1280	379	\$ 48.46	\$ 0.1280	379	\$ 48.46	\$-	0.00%	
Total Deferral/Variance Account Rate		\$	0.1436	29	\$ 4.16	-\$ 0.9638	29	\$ (27.95)	\$ (32.11)	-771.17%	
Riders		•			•			· · · · · ·	,		
CBR Class B Rate Riders		\$	-	29	\$-	-\$ 0.0444 \$ -		\$ (1.29)			
GA Rate Riders		\$ \$	-	10,150	\$- \$-	\$ -	10,150	-	\$ -		
Low Voltage Service Charge		\$	-	29	\$ -		29	ş -	\$ -		
Smart Meter Entity Charge (if applicable)		\$	-	300		\$-	300	\$ -	\$-		
Additional Fixed Rate Riders		\$	-			\$-	300		\$-		
Additional Volumetric Rate Riders		\$	-	29	\$-	\$ -	29	\$ -	\$ -		
Sub-Total B - Distribution (includes					\$ 2,687.76			\$ 2,580.37	\$ (107.40)	-4.00%	
Sub-Total A)											
RTSR - Network		\$	2.1903	29	\$ 63.52	\$ 1.9740	29	\$ 57.25	\$ (6.27)	-9.88%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and		\$	0.4134	29	\$ 11.99	\$ 0.3743	29	\$ 10.85	\$ (1.13)	-9.46%	
Transformation Connection											In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-					\$ 2,763.27			\$ 2,648.47	\$ (114.80)	-4.15%	
Total B) Wholesale Market Service Charge											1
(WMSC)		\$	0.0034	10,529	\$ 35.80	\$ 0.0034	10,529	\$ 35.80	\$ -	0.00%	
Rural and Remote Rate Protection											
(RRRP)		\$	0.0005	10,529	\$ 5.26	\$ 0.0005	10,529	\$ 5.26	\$ -	0.00%	
Standard Supply Service Charge		\$	0.25	300	\$ 75.00	\$ 0.25	300	\$ 75.00	\$ -	0.00%	
TOU - Off Peak		\$	0.1280	6,496	\$ 831.49		6,496		\$-	0.00%	
TOU - Mid Peak		\$	0.1280	1,827	\$ 233.86		1,827	\$ 233.86	\$ -	0.00%	
TOU - On Peak		\$	0.1280	1,827	\$ 233.86	\$ 0.1280	1,827	\$ 233.86	\$ -	0.00%	
Total Bill on TOU (before Taxes)					\$ 4,178.53			\$ 4,063.73		-2.75%]
HST			13%		\$ 543.21	13%		\$ 528.28		-2.75%	
Ontario Electricity Rebate			31.8%		\$-	31.8%		\$-	\$-		
Total Bill on TOU					\$ 4,721.74			\$ 4,592.01	\$ (129.73)	-2.75%	

Customer Class: STANDBY PC RPP / Non-RPP: 0	OWER SERVICE CLASSIFICA	ΓΙΟΝ]				
Consumption -	kWh											
Demand -	kW											
Current Loss Factor 1.037												
Proposed/Approved Loss Factor 1.037	'3											
		t OEB-Approve	ed				Proposed	1			Im	pact
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		Change	% Change
Monthly Service Charge	\$		1\$	-	\$	-	1		-	\$	-	
Distribution Volumetric Rate	\$		\$ 0	-	\$	-	0		-	\$	-	
Fixed Rate Riders	\$		1\$	-	\$	-	1		-	\$	-	
Volumetric Rate Riders	\$. (3	-	\$	-	0	\$	-	\$	-	
Sub-Total A (excluding pass through)			\$	-				\$	-	\$	-	
Line Losses on Cost of Power	\$ 0.13	68 -	\$	-	\$	0.1368	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	\$		\$	-	\$			s		\$		
Riders	-	-	φ	-	φ	-	-	Ŷ	-	φ	-	
CBR Class B Rate Riders	\$	-	\$	-	\$	-	-	\$	-	\$	-	
GA Rate Riders	\$	-	\$	-	\$	-	-	\$	-	\$	-	
Low Voltage Service Charge	\$	-	\$	-			-	\$	-	\$	-	
Smart Meter Entity Charge (if applicable)	s		1 \$		~			s		\$		
	\$		ıφ	-	\$	-	1	ð	-	φ	-	
Additional Fixed Rate Riders	\$	1	1 \$	-	\$	-	1	\$	-	\$	-	
Additional Volumetric Rate Riders	\$	-	\$	-	\$	-	-	\$	-	\$	-	
Sub-Total B - Distribution (includes			\$					\$		\$		
Sub-Total A)			φ	-				æ	-	æ	-	
RTSR - Network	\$	-	\$	-	\$	-	-	\$	-	\$	-	
RTSR - Connection and/or Line and			•		~					•		
Transformation Connection	\$	-	\$	-	\$	-	-	\$	-	\$	-	
Sub-Total C - Delivery (including Sub-			\$					s		\$		
Total B)			\$	-				\$	-	\$	-	
Wholesale Market Service Charge	\$ 0.00	24	¢	-	•	0.0004		s		\$		
(WMSC)	\$ 0.00	34 -	\$	-	\$	0.0034	-	Þ	-	Э	-	
Rural and Remote Rate Protection			•		~					•		
(RRRP)	\$ 0.00	05 -	\$	-	\$	0.0005	-	\$	-	\$	-	
Standard Supply Service Charge	\$ 0	25	1 \$	0.25	s	0.25	1	s	0.25	\$	-	0.00%
TOU - Off Peak	\$ 0.12	80 -	\$	-	ŝ	0.1280	-	Ś	-	\$	-	
TOU - Mid Peak	\$ 0.12	80 -	\$	-	ŝ	0.1280		ŝ	-	\$	-	
TOU - On Peak	\$ 0.12		\$	-	ŝ	0.1280		ŝ	-	\$	-	
Non-RPP Retailer Avg. Price	\$ 0.13		\$	-	\$	0.1368		ŝ		\$	-	
Average IESO Wholesale Market Price	\$ 0.13		\$	-	š	0.1368	-	ŝ	-	ŝ	-	
			Ŷ		Ť	011000		Ť		Ŷ		
Total Bill on TOU (before Taxes)			\$	0.25	1			ŝ	0.25	\$		0.00%
HST		3%	\$	0.03		13%		\$	0.03	\$	-	0.00%
Ontario Electricity Rebate		8%	\$	0.05		31.8%		\$	0.05	\$		0.0070
Total Bill on TOU	51	0 70	\$	0.28		51.070		\$	0.28	\$	-	0.00%
			Ŷ	0.28				Ŷ	0.28	φ	-	0.00 %
Total Bill on Non-RPP Avg. Price			\$	0.25	1			\$	0.25	\$		0.00%
HST		3%	₽ \$	0.25		13%		э 5	0.03	э \$	-	0.00%
			э \$	0.03		13% 31.8%		э \$	0.03	φ	-	0.00%
Ontario Electricity Rebate Total Bill on Non-RPP Avg. Price	31	8%	э \$	0.28		31.8%		э \$	0.28	\$		0.00%
Total Bill off NOTI-REP Avg. Frice			- P	0.28		_		÷.	0.28	÷.	-	0.00%
								é		¢		0.000/
Total Bill on Average IESO Wholesale Market Price		20/	\$	0.25 0.03		4000		\$	0.25	\$ \$	-	0.00% 0.00%
HST Ontonio Electricito Belecte		3%	\$	0.03		13%		\$	0.03	Ф	-	0.00%
Ontario Electricity Rebate	31	8%	\$ \$	-		31.8%		\$	-	*		0.000/
Total Bill on Average IESO Wholesale Market Price			\$	0.28				\$	0.28	\$		0.00%

Customer Class:	RESIDENTIAL	SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Reta	ailer)	
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor			
Proposed/Approved Loss Factor	1.0373		

	Current C	EB-Approve	d		Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 29.41	1		\$ 29.91	1		\$ 0.50	1.70%	
Distribution Volumetric Rate	\$ -	750		\$ -	750		\$ -		
Fixed Rate Riders	\$ 0.60	1	\$ 0.60	\$ (0.16)	1			-126.67%	
Volumetric Rate Riders	\$-	750		\$ 0.0001	750				
Sub-Total A (excluding pass through)			\$ 30.01			\$ 29.83		-0.62%	
Line Losses on Cost of Power	\$ 0.1368	28	\$ 3.83	\$ 0.1368	28	\$ 3.83	\$ -	0.00%	
Total Deferral/Variance Account Rate	\$ 0.0003	750	\$ 0.23	-\$ 0.0008	750	\$ (0.60)	\$ (0.83)	-366.67%	
Riders						(,	. ,		
CBR Class B Rate Riders	\$ -	750	\$ -	-\$ 0.0001	750				
GA Rate Riders	\$ 0.0023	750		-\$ 0.0005	750		\$ (2.10)	-121.74%	
Low Voltage Service Charge	\$ -	750	\$-		750	\$ -	\$ -		
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%	
Additional Fixed Rate Riders	\$ -	1	\$ -	ş -	1	\$ -	\$ -		
Additional Volumetric Rate Riders	\$ -	750	\$-	ş -	750	\$ -	\$ -		
Sub-Total B - Distribution (includes			\$ 36.36			\$ 33.17	\$ (3.19)	-8.76%	
Sub-Total A) RTSR - Network	\$ 0.0078	778	\$ 6.07	\$ 0.0070	778	\$ 5.45	\$ (0.62)	10.26%	In the manager's summary, discuss the reas
RTSR - Network RTSR - Connection and/or Line and	\$ 0.0078	//8	\$ 0.07	\$ 0.0070	118	ə 5.45	\$ (0.62)	-10.26%	in the manager's summary, discuss the reas
	\$ 0.0016	778	\$ 1.24	\$ 0.0014	778	\$ 1.09	\$ (0.16)	-12.50%	In the manager's summary, discuss the reas
Transformation Connection							. ,		in the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 43.67			\$ 39.71	\$ (3.96)	-9.07%	
Total B) Wholesale Market Service Charge	-								
(WMSC)	\$ 0.0034	778	\$ 2.65	\$ 0.0034	778	\$ 2.65	\$ -	0.00%	
Rural and Remote Rate Protection									
(RRRP)	\$ 0.0005	778	\$ 0.39	\$ 0.0005	778	\$ 0.39	\$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1368	750	\$ 102.60	\$ 0.1368	750	\$ 102.60	\$ -	0.00%	
Norriti Friedalier / Ng. Fried	0.1000	100	φ 102.00	• 0.1000	100	• 102.00	Ψ	0:00%	
Total Bill on Non-RPP Avg. Price			\$ 149.30	1		\$ 145.34	\$ (3.96)	-2.65%	
HST	139		\$ 19.41	13%		\$ 18.89		-2.65%	
Ontario Electricity Rebate	31.89		\$ (47.48)			\$ (46.22)	¢ (0.02)	2.0070	
Total Bill on Non-RPP Avg. Price	01.07		\$ 168.71	01.070		\$ 164.24	\$ (4.48)	-2.65%	
			+ 100.11				÷ (4.40)	2.00%	

Customer Class:	GENERAL SER	RVICE LESS THAN 50 KW SERVICE CLASS	IFICATION
RPP / Non-RPP:	Non-RPP (Reta	iller)	
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0373		
Proposed/Approved Loss Factor	1.0373		

	Current C	EB-Approve			Proposed	1	Im	pact]
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	4
Monthly Service Charge	\$ 40.08		\$ 40.08			\$ 40.76		1.70%	
Distribution Volumetric Rate	\$ 0.0119	2000	\$ 23.80	\$ 0.0121	2000	\$ 24.20	\$ 0.40	1.68%	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	10.000/	
Volumetric Rate Riders	\$ 0.0010	2000		\$ 0.0006	2000		\$ (0.80)	-40.00%	
Sub-Total A (excluding pass through)	\$ 0.1368	75	\$ 65.88	\$ 0.1368	75	\$ 66.16		0.43%	
Line Losses on Cost of Power	\$ 0.1368	75	\$ 10.21	\$ 0.1368	75	\$ 10.21	р -	0.00%	
Total Deferral/Variance Account Rate	\$ 0.0004	2,000	\$ 0.80	-\$ 0.0010	2,000	\$ (2.00)	\$ (2.80)	-350.00%	
Riders CBR Class B Rate Riders		0.000	\$ -	-\$ 0.0001	2.000	¢ (0.00)	¢ (0.00)		
								-121.74%	
GA Rate Riders	\$ 0.0023	2,000 2,000		-ə 0.0005	2,000 2,000		\$ (5.60)	-121.74%	
Low Voltage Service Charge	ə -	2,000	ф -		2,000	ə -	φ -		
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%	
Additional Fixed Rate Riders	s .	1	\$ -	s .	1	s -	\$ _		
Additional Volumetric Rate Riders	s .	2.000	Ŷ	š .	2.000	*	\$		
Sub-Total B - Distribution (includes	φ -	2,000		Ψ -	2,000		ψ -		
Sub-Total A)			\$ 82.06			\$ 73.74	\$ (8.32)	-10.14%	
RTSR - Network	\$ 0.0071	2,075	\$ 14.73	\$ 0.0064	2,075	\$ 13.28	\$ (1.45)	-9.86%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and			-	-			,		e e e
Transformation Connection	\$ 0.0016	2,075	\$ 3.32	\$ 0.0014	2,075	\$ 2.90	\$ (0.41)	-12.50%	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			A 400.40				a (10.10)	10.40%	0
Total B)			\$ 100.10			\$ 89.92	\$ (10.19)	-10.18%	
Wholesale Market Service Charge	\$ 0.0034	2,075	\$ 7.05	\$ 0.0034	2,075	\$ 7.05	¢	0.00%	
(WMSC)	φ 0.0034	2,075	φ 7.05	φ 0.0034	2,075	φ 1.05	φ -	0.00%	
Rural and Remote Rate Protection	\$ 0.0005	2,075	\$ 1.04	\$ 0.0005	2,075	\$ 1.04	\$ -	0.00%	
(RRRP)	φ 0.0005	2,075	φ 1.04	φ 0.0005	2,075	φ 1.04	φ -	0.00%]
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1368	2,000	\$ 273.60	\$ 0.1368	2,000	\$ 273.60	\$ -	0.00%	J
Total Bill on Non-RPP Avg. Price			\$ 381.80			\$ 371.61		-2.67%	
HST	13%		\$ 49.63	13%		\$ 48.31	\$ (1.32)	-2.67%	
Ontario Electricity Rebate	31.8%		\$ (121.41)	31.8%		\$ (118.17)			
Total Bill on Non-RPP Avg. Price			\$ 431.43			\$ 419.92	\$ (11.51)	-2.67%	

Customer Class:	GENERAL SER	RVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Reta	ailer)
Consumption	52,500	kWh
Demand	135	kW
Current Loss Factor	1.0373	3
Proposed/Approved Loss Factor	1.0373	3
		-

	Current C	EB-Approve	d		Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 286.44	1	\$ 286.44		1			1.70%	
Distribution Volumetric Rate	\$ 2.3975	135	\$ 323.66	\$ 2.4383	135		\$ 5.51	1.70%	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	T	\$ -		
Volumetric Rate Riders	\$ 0.3351	135		\$ 0.1748	135		\$ (21.64)	-47.84%	
Sub-Total A (excluding pass through)			\$ 655.34			\$ 644.08		-1.72%	
Line Losses on Cost of Power	\$ -	-	\$-	ş -	-	\$-	\$-		
Total Deferral/Variance Account Rate	\$ 0.1645	135	\$ 22.21	-\$ 0.3383	135	\$ (45.67)	\$ (67.88)	-305.65%	
Riders							,		
CBR Class B Rate Riders	\$ -	135	\$ -	-\$ 0.0480	135				
GA Rate Riders	\$ 0.0023	52,500	\$ 120.75	-\$ 0.0005	52,500		\$ (147.00)	-121.74%	
Low Voltage Service Charge	\$ -	135	\$ -		135	\$-	\$ -		
Smart Meter Entity Charge (if applicable)	s -	1	\$ -	s -	1	s -	\$ -		
Additional Fixed Rate Riders	\$ -	1	\$ -	ş -	1		\$ -		
Additional Volumetric Rate Riders	\$ -	135	\$ -	ş -	135	ş -	\$ -		
Sub-Total B - Distribution (includes			\$ 798.30			\$ 565.68	\$ (232.62)	-29.14%	
Sub-Total A) RTSR - Network	\$ 2.9048	135	\$ 392.15	\$ 2.6179	135	\$ 353.42	\$ (38.73)	0.000/	In the manager's summary, discuss the reas
RTSR - Network RTSR - Connection and/or Line and	\$ 2.9048	135	\$ 392.15	\$ 2.6179	135	\$ 353.42	\$ (38.73)	-9.88%	In the manager's summary, discuss the reas
	\$ 0.5347	135	\$ 72.18	\$ 0.4842	135	\$ 65.37	\$ (6.82)	-9.44%	In the manager's summary, discuss the reas
Transformation Connection							. ,		in the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 1,262.63			\$ 984.46	\$ (278.17)	-22.03%	
Total B) Wholesale Market Service Charge	-								
(WMSC)	\$ 0.0034	54,458	\$ 185.16	\$ 0.0034	54,458	\$ 185.16	\$ -	0.00%	
Rural and Remote Rate Protection									
(RRRP)	\$ 0.0005	54,458	\$ 27.23	\$ 0.0005	54,458	\$ 27.23	\$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	\$ 0.1368	54,458	\$ 7,449.89	\$ 0.1368	54,458	\$ 7,449.89	¢ _	0.00%	
Non-Kirl Netaliel Avg. Thee	0.1300	34,430	φ 1,443.03	φ 0.1500	34,430	ψ 1,443.03	- Ψ	0.0070	
Total Bill on Non-RPP Avg. Price	I		\$ 8,924.91	1		\$ 8,646.74	\$ (278.17)	-3.12%	
HST	13%	J	\$ 1,160.24	13%		\$ 1,124.08		-3.12%	
Ontario Electricity Rebate	31.8%		\$ -	31.8%		\$ -	¢ (00.10)	0.1270	
Total Bill on Non-RPP Avg. Price	01.07		\$ 10.085.14	01.070		\$ 9.770.81	\$ (314.33)	-3.12%	
							(01.00)	0.12/0	

RPP / Non-RPP: N	on-RPP (Othe	er)													
Consumption	10,150	kWh													
Demand	29	kW													
Current Loss Factor	1.0373														
Proposed/Approved Loss Factor	1.0373														
· · · -															
				EB-Approve	d				Proposed				Imp	bact	
			Rate	Volume		Charge		Rate	Volume		Charge				
			(\$)			(\$)		(\$)			(\$)		Change	% Change	
Monthly Service Charge		\$	7.32	300		2,196.00		7.44	300			\$	36.00	1.64%	
Distribution Volumetric Rate		\$	1.7615	29		51.08	\$	1.7914	29		51.95	\$	0.87	1.70%	
Fixed Rate Riders		\$	-	300 29		- 388.05	ş	0.5504	300 29		-	\$	-	-28.57%	
Volumetric Rate Riders		ð	13.3812	29	ֆ Տ	2,635.14	\$	9.5584	29	\$	277.19 2,561.14	\$	(110.86) (73.99)	-28.57% - 2.81%	
Sub-Total A (excluding pass through)		¢	0.1368	379		2,635.14 51.79	¢	0.1368	379	\$ ¢	2,561.14		(73.99)	-2.81% 0.00%	
Total Deferral/Variance Account Rate		φ			· ·		÷			φ			-		
Riders		\$	0.1436	29	\$	4.16	-\$	0.9638	29	\$	(27.95)	\$	(32.11)	-771.17%	
CBR Class B Rate Riders		¢	_	29	\$	_		0.0444	29	¢	(1.29)	¢	(1.29)		
GA Rate Riders		é	0.0023	10,150		23.35	-s	0.0005	10,150		(5.08)		(28.42)	-121.74%	
Low Voltage Service Charge		ŝ	0.0020	29	\$	-	•	0.0000		š	(0.00)	ŝ	(20.42)	121.7470	
Smart Meter Entity Charge (if applicable)		Ť		-								Ť			
		\$	-	300	\$	-	\$	-	300	\$	-	\$	-		
Additional Fixed Rate Riders		\$	-	300	\$	-	\$	-	300	\$	-	\$	-		
Additional Volumetric Rate Riders		\$	-	29	\$	-	\$	-	29	\$	-	\$	-		
Sub-Total B - Distribution (includes					\$	2.714.44				\$	2,578.62	¢	(135.82)	-5.00%	
Sub-Total A)					•	,				Ŧ	-				
RTSR - Network		\$	2.1903	29	\$	63.52	\$	1.9740	29	\$	57.25	\$	(6.27)	-9.88%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and		\$	0.4134	29	¢	11.99	¢	0.3743	29	¢	10.85	\$	(1.13)	-9.46%	
Transformation Connection		Ŷ	0.4154	23	Ψ	11.33	Ψ	0.0740	23	Ŷ	10.05	Ψ	(1.13)	-3.4070	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-					\$	2,789.95				s	2,646.72	\$	(143.22)	-5.13%	
Total B)					•	_,				•	_,0.0	•	(0.1070	
Wholesale Market Service Charge		\$	0.0034	10,529	\$	35.80	\$	0.0034	10,529	\$	35.80	\$	-	0.00%	
(WMSC)		•					÷			·					
Rural and Remote Rate Protection		\$	0.0005	10,529	\$	5.26	\$	0.0005	10,529	s	5.26	\$	-	0.00%	
(RRRP)		-													
Standard Supply Service Charge Average IESO Wholesale Market Price		\$	0.25 0.1368	300 10.150		75.00 1.388.52		0.25	300		75.00		-	0.00% 0.00%	
Average IESO wholesale Market Price		æ	0.1368	10,150	ð	1,388.52	\$	0.1368	10,150	ð	1,388.52	\$	-	0.00%	
Total Bill on Average IESO Wholesale Mar	rkot Prico				\$	4,294.53				¢	4,151.31	¢	(143.22)	-3.34%	
HST	INELFICE		13%		э \$	4,294.53 558.29		13%		ф С	4,151.31 539.67		(143.22)	-3.34%	
Ontario Electricity Rebate			31.8%		э \$	550.28		31.8%		÷ ¢	555.07	Ψ	(10.02)	-0.04 /0	
Total Bill on Average IESO Wholesale Mar	rket Price		51.070		\$	4,852.82		51.070		\$	4,690.98	\$	(161.84)	-3.34%	
Total Bill on Atorage 1200 Wholesale Ma	Not 1100				Ť					Ť	-,030.30	Ť	(101.04)	-3.3478	

Customer Class: STREET LIGHTING SERVICE CLASSIFICATION

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION							
RPP / Non-RPP:	Non-RPP (Othe	er)						
Consumption	52,500	kWh						
Demand	135	kW						
Current Loss Factor	1.0373							
Proposed/Approved Loss Factor	1.0373							

		EB-Approve			Proposed		Im	pact	
	Rate	Volume	Charge	Rate	Volume	Charge			
	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change	
Monthly Service Charge	\$ 286.44	1	\$ 286.44			\$ 291.31	\$ 4.87	1.70%	
Distribution Volumetric Rate	\$ 2.3975	135	\$ 323.66	\$ 2.4383	135		\$ 5.51	1.70%	
Fixed Rate Riders	\$ -	1	\$ -	\$-	1	\$ -	\$ -		
Volumetric Rate Riders	\$ 0.3351	135		\$ 0.1748	135		\$ (21.64)	-47.84%	
Sub-Total A (excluding pass through)	-		\$ 655.34			\$ 644.08	\$ (11.26)	-1.72%	
Line Losses on Cost of Power	\$-	-	\$-	\$-		\$-	\$-		
Total Deferral/Variance Account Rate	\$ 0.1645	135	\$ 22.21	-\$ 0.3383	135	\$ (45.67)	\$ (67.88)	-305.65%	
Riders									
CBR Class B Rate Riders	\$	135	\$ -	-\$ 0.0480	135				
GA Rate Riders	\$ 0.0023	52,500		-\$ 0.0005	52,500		\$ (147.00)	-121.74%	
Low Voltage Service Charge	\$ -	135	\$-		135	\$-	\$-		
Smart Meter Entity Charge (if applicable)	\$-	1	\$-	\$ -	1	\$-	\$ -		
Additional Fixed Rate Riders	s -	1	\$-	s -	1	s -	\$ -		
Additional Volumetric Rate Riders	s -	135		s -	135	T	\$ -		
Sub-Total B - Distribution (includes	*	100		•			•		
Sub-Total A)			\$ 798.30			\$ 565.68	\$ (232.62)	-29.14%	
RTSR - Network	\$ 2.9048	135	\$ 392.15	\$ 2.6179	135	\$ 353.42	\$ (38.73)	-9.88%	In the manager's summary, discuss the reas
RTSR - Connection and/or Line and	\$ 0.5347	135	\$ 72.18	\$ 0.4842	135	\$ 65.37	\$ (6.82)	-9.44%	
Transformation Connection	\$ 0.5347	135	φ 12.10	\$ 0.4842	135	\$ 65.37	ֆ (0.02)	-9.44 %	In the manager's summary, discuss the reas
Sub-Total C - Delivery (including Sub-			\$ 1,262.63			\$ 984.46	\$ (278.17)	-22.03%	
Total B)			• •,=====			• •••••	+ (=)		
Wholesale Market Service Charge	\$ 0.0034	54,458	\$ 185.16	\$ 0.0034	54.458	\$ 185.16	\$ -	0.00%	
(WMSC)									
Rural and Remote Rate Protection	\$ 0.0005	54,458	\$ 27.23	\$ 0.0005	54,458	\$ 27.23	\$ -	0.00%	
(RRRP)	\$ 0.25	1	\$ 0.25	-	4	\$ 0.25	-	0.00%	
Standard Supply Service Charge Average IESO Wholesale Market Price	\$ 0.1368	54,458			54,458			0.00%	
Average 1630 Wholesale Market Price	φ 0.1368	34,438	φ 1,449.89	φ U.1368	04,458	φ 1,449.89	φ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			\$ 8,925.16			\$ 8,646.99	\$ (278.17)	-3.12%	
HST	13%	.]	\$ 1,160.27	13%		\$ 1,124.11		-3.12%	
Ontario Electricity Rebate	31.8%		\$ 1,100.27	31.8%		\$ 1,124.11	φ (30.10)	-3.1270	
Total Bill on Average IESO Wholesale Market Price	51.07		\$ 10,085.43	51.070		\$ 9,771.10	\$ (314.33)	-3.12%	
Total bill on Average 1200 wholesale indrket Price			÷ 10,005.45			÷ 3,111.10		-5.12 /0	
									l

Niagara-on-the-Lake Hydro Inc. EB-2020-0042 Manager's Summary Page **37** of **44** Filed October 2020

1 Appendix 3 – NOTLH – 2021 GA Analysis Workform

Ontario Energy Board **GA Analysis Workform** Version 1.9 Account 1589 Global Adjustment (GA) Analysis Workform Input cells Drop down cells Utility Name NIAGARA-ON-THE-LAKE HYDRO INC. 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. 2018 b) If the account was last approved on an interim basis, and i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR ii) there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances. (e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017) Instructions: 1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform 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 2019 will be generated. • Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances - Select 2018 and a GA 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 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated. 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 reconciliations are all shown in

one Principal Adjustments tab, depending on the year selected on the Information Sheet.

Unresolved Difference as % Adjusted Net Change in of Expected GA Net Change in Principal Principal Balance in the Payments to Unresolved \$ Consumption at Annual Net Change in Expected GA Balance from GA Analysis Balance in the GL Reconciling Items GL Difference Actual Rate Paid IESO Yea 43,540 -0.2% 2019 (21,085) \$ 8.663.487 \$ \$ ¢ (64.625) \$ (21,085) \$ 43,540 (21,085) \$ Cumulative Balance \$ (64,625) (21,085)8,663,487 N/A \$ \$ \$

Ontario Energy Board

GA Analysis Workform

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

Year		2019		
Total Metered excluding WMP	C = A+B	229,312,805	kWh	100%
RPP	A	116,852,325	kWh	51.0%
Non RPP	B = D+E	112,460,481	kWh	49.0%
Non-RPP Class A	D	35,841,899	kWh	15.6%
Non-RPP Class B*	E	76,618,581	kWh	33.4%

*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

Actual

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

2010

Analysis of Expected GA Amount Note 4

rear	2019								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)		\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	6,541,912			6,541,912	0.08092	\$ 529,371	0.08092	\$ 529,371	\$-
February	5,946,329			5,946,329	0.08812	\$ 523,991	0.08812	\$ 523,991	\$-
March	6,306,558			6,306,558	0.08041	\$ 507,110	0.08041	\$ 507,110	\$-
April	5,530,369			5,530,369	0.12333	\$ 682,060	0.12333	\$ 682,060	\$-
May	5,649,161			5,649,161	0.12604	\$ 712,020	0.12604	\$ 712,020	\$-
June	5,980,093			5,980,093	0.13728	\$ 820,947	0.13728	\$ 820,947	\$-
July	8,298,052			8,298,052	0.09645	\$ 800,347	0.09645	\$ 800,347	\$-
August	8,201,292			8,201,292	0.12607	\$ 1,033,937	0.12607	\$ 1,033,937	\$-
September	7,098,176			7,098,176	0.12263	\$ 870,449	0.12263	\$ 870,449	\$-
October	6,496,704			6,496,704	0.13680	\$ 888,749	0.13680	\$ 888,749	\$-
November	6,580,289			6,580,289	0.09953	\$ 654,936	0.09953	\$ 654,936	\$-
December	6,861,583			6,861,583	0.09321	\$ 639,568	0.09321	\$ 639,568	\$ -
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	79,490,517	-	-	79,490,517		\$ 8,663,487		\$ 8,663,487	\$-

1.0375 Calculated Loss Factor

Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW

1.0373 0.0002 Difference

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

b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 1%

NOTL Hydro updates the effective date of the GA rate type in the billing system monthly. This enables NOTL Hydro to

Yes

Note 5 Reconciling Items

ltem	Amount	Explanation		Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in th Year)	e \$ 43,540		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year	\$-	n/a		
CT 148 True-up of GA Charges based on Actual Non-RPP 1b Volumes - current year	\$-	n/a		
Remove prior year end unbilled to actual revenue 2a differences	\$-	2018 unbilled revenues were true-up to actual amounts at year end		
2b Add current year end unbilled to actual revenue differences	\$-	2019 unbilled revenues were true-up to actual amounts at year end		
Remove difference between prior year accrual/unbilled to 3a actual from load transfers	\$-	n/a		
Add difference between current year accrual/unbilled to 3b actual from load transfers	\$ -	n/a		
Significant prior period billing adjustments recorded in 3 current year	\$-	n/a		
4 Differences in actual system losses and billed TLFs		Difference between kWh used to calculate GA expense and actual amount billed to customers	No	difference in losses to be captured
5 CT 2148 for prior period corrections	\$ (78,677)	Generation estimates used for 1598 purposes were trued-up to actuals with the IESO and the difference was	Yes	
6 Others as justified by distributor				
7				
8				
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL Net Change in Expected GA Balance in the Year Per	\$	(21,085)
	Analysis Unresolved Difference Unresolved Difference as % of Expected GA Payments	\$ \$	- (21,085)
	to IESO		-0.2%



GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

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

	Account 1589 - RSVA Global Adjustment			
				Explanation if not to be
			To be reversed in	reversed in current
	Adjustment Description	Amount	current application?	application
1	Difference between generation estimates provided to IESO and actual	78,553	Yes	
2				
3				
4				
5				
6				
7				
8				
	Total	78,553		
	Total principal adjustments included in last approved balance			
	Difference	78,553		

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

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 principia adjustments needed to adjust the transactions in the general ledger to the amount that should be encuested for disposition should be shown separately in the "Principia Adjustments" column of the DVA Continuity Schedule 3) The Vrainnee RRR vs. 2019 Balance" column should equal principial adjustments made in the current disposition principial 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 Adjustment			
Year		Adjustment Description	Amount	Year Recorded in GL
		of prior approved principal adjustments (auto-populated from table above		
	1	Difference between generation estimates provided to IESO and actual	(78,553.00)	
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	(78,553)	
	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			
	7			
	8			
		Total Current Year Principal Adjustments	-	
	Total Principal Adjustments to be Included on DVA Continuity Schedule		(78,553)	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	-		
	Current year principal adjustments			
	1 CT 148 true-up of GA Charges based on actual RPP volumes			
	2 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	-		

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1 Appendix 4 – NOTLH – 2021 Generic 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.
<u>5. 2015-2020 LRAM</u>	Tables 5-a, 5-b, 5-c and 5-d include the template 2015-2020 LRAMVA work forms.
6. Carrying Charges	Table 6-b includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

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

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

Ontario Energy Board

LRAMVA Work Form:

Instructions

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:
	o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.
	• Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table.
	o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1 a and highlight the new monthly multiplier that has been used.
	o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.
	o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects)

Ontario Energy Board

LRAMVA Work Form: Checklist and Schematic

Version 5.0 (2021)

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. The majority of the information required in the LRAMVA work form. LCS from the IESO as part of the Final CDM Revised 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

Leg	end
-----	-----

Drop Down List (Blue)

Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Not Applicable	o include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
No	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
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 projects), as applicable
No	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

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

Ontario Energy Board		
	LRAMVA Work Form:	
	Summary Tab	
		Version 5.0 (2021)

Auto Populated Cells (White) Instructions (Grey)

Niagara-on-the-Lake Hydro Inc.

LDC Name

Application Details

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

A. Previous LRAMVA Application		
Previous LRAMVA Application (EB#)	EB-2018-005	6
Application of Previous LRAMVA Claim	2019 COS	
Period of LRAMVA Claimed in Previous Application	2016-2017	
Amount of LRAMVA Claimed in Previous Application	s	202,708.00

Forecast Lost Revenues (\$)

LRAMVA (\$) for Account 1568

Carrying Charges (\$)

\$

\$

\$

в

с

A-B+C

43,939

6,785

192,684

Original Amount Amount for Final Disposition 1

C. Documentation of Changes

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 Deternal and Variance Account Work Form or IRM Rate Generator Model. Prease also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Calumn F of Table 1-a should include projected corrying drages amounts as determined on and class basis for Table 1-b above.

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	\$14,858	\$617	\$15,475
GS<50 kW	kWh	\$53,157	\$1,809	\$54,966
3S 50 - 4,999 kW	kW	\$73,577	\$2,608	\$76,186
Large Use	kW	\$0	\$0	\$0
Jnmetered	kWh	\$0	\$0	\$0
Steet Lights	kW	\$44,307	\$1,750	\$46,057
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
		\$0	\$0	\$0
Total		\$185,900	\$6.785	\$192.684

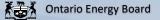
Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMA 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 LRAMA from a prior year that has already been claimed cannot be included in the current LRAMA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the CEB, please note hash the "Amount Classer" 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 load revenues that would have been incurred after that consultation, as approved by the CEB. If this is the case, reference to the decision must be noted in the rate applicable. This is not the case. LDCs are requested to leave those rows blank. LDCs are expected to include true that the row of Table 1-bed. To case and do not chat courses of the speciation. This is not the case. LDCs are requested to leave those rows blank.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Total
		kWh	kWh	kW	kW	kWh	kW	Ö	0	0	0	Ö	Ö	0	0	
2011 Actuals 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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Amount Cleared																
2012 Actuals 2012 Forecast		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Amount Cleared																
2013 Actuals 2013 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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Amount Cleared																
2014 Actuals 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 \$0.00	\$0.00 \$0.00	\$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 2015 Forecast	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 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Amount Cleared																
2016 Actuals 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 \$0.00	\$0.00 \$0.00	\$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 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 \$0.00	\$0.00 \$0.00	\$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 2018 Forecast		\$14,244.96 (\$2,028.78)	\$39,717.95 (\$14,525.98)	\$42,151.08 (\$2,446.46)	\$0.00 \$0.00	\$0.00 \$0.00	\$32,212.06 \$0.00	\$0.00 \$0.00	\$128,326.05 (\$19,001.22)							
Amount Cleared	1															
2019 Actuals		\$3,512.64	\$40,858.04	\$45,046.81	\$0.00	\$0.00	\$12,095.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$101,512.51
2019 Forecast		(\$871.02)	(\$12,892.80)	(\$11,174.00)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$24,937.82)
Amount Cleared																
Carrying Charges		\$617.35	\$1,808.97	\$2,608.28	\$0.00	\$0.00	\$1,749.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,784.53
Total LRAMVA Balance		\$15,475	\$54,966	\$76,186	\$0	\$0	\$46,057	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$192,684

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



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

Legend

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

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

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

No.	Tab	Cell Reference	Description	Rationale
1	4. 2011-2014 LRAM	B288	Added "Annual Coupons" and removed "Conservation Instant Coupon Booklet"	
2	4. 2011-2014 LRAM	B303	Added "peaksaverPLUS" and removed "Res New Construction"	
3	4. 2011-2014 LRAM	B310	Added "Small Business Lighting" and removed "Direct Install Lighting"	
4	5. 2015-2020 LRAM	Row 471	Includes "Save on Energy Coupon Program" and Save on Energy Instant Discount	
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

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

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

Ontario Ene	ergy Board	LRAMVA Work Form:	
		Forecast Lost Revenues	Version 5.0 (2021)
Legend			
Legend	User Inputs (Green)		
	Drop Down List (Blue)		
	Auto Populated Cells (White)		

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	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights								
		kWh	kWh	kW	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	2,879,184	461,087	1,231,015	1,187,082											
kW	1,104			1104											
Summary		461087	1231015	1104	0	0	0	0	0	0	0	0	0	0	0
Years Included in Threshold 2014 Source of Threshold 2014 Settlement, p. 54 (EB-2013-015S)															
Table 2-b. LRAMVA Thr		2019													
Please provide the LRAM developed from Appendix	lease 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 eveloped from Appendix 2-1. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.														

	Total	Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights								
		kWh	kWh	kW	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	3,770,854	791,837	1,101,949	1,877,068											
kW	4,832			4832											
Summary		791837	1101949	4832	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold 2019

Source of Threshold NOTL Hydro 2019 Load Forecast Wholesale 20190110.xslm_20190211.xlsx - Settlement Proposal

Instructions (Grey)

2014

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 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 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.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights								
		kWh	kWh	kW	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	2014	461,087	1,231,015	1,104	0	0	0	0	0	0	0	0	0	0	0
2019	2019	791,837	1,101,949	4,832	0	0	0	0	0	0	0	0	0	0	0

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



LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

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 (Le, rows) added to Table 3, please adjust the rows - a accordingly.

	Billing Unit	EB-2009-0237	EB-2010-0101	EB-2011-0186 EB-2012-0026	EB-2012-0063	EB-2013-0155	EB-2014-0097	EB-2015-0091	EB-2016-0095	EB-2017-0064	EB-2018-0056	EB-2019-XXXX	EB-2020-XXXX
Rate Year Period 1 (# months)	-	2010 4	2011 4	2012 4	2013 4	2014 4	2015 4	2016 4	2017 4	2018 4	2019 4	2020	2021
Period 1 (# months) Period 2 (# months)	-	4	4	4	4	4	4	4	4	4	4	12	12
Residential		\$ 0.0127										12	12
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue Other	KVVN												
Adjusted rate	-	\$ 0.0127	\$ 0.0127 \$ 0.0127	\$ 0.0128 \$ 0.0128	\$ 0.0129	\$ 0.0126 \$ 0.0127	\$ 0.0128 \$ 0.0127	\$ 0.0098	\$ 0.0066 \$ 0.0077	\$ 0.0033 \$ 0.0044	s -	s -	
Calendar year equivalent			\$ 0.0127	\$ 0.0128	\$ 0.0129	\$ 0.0127	\$ 0.0127	\$ 0.0108	\$ 0.0077	\$ 0.0044	\$ 0.0011	s -	
GS<50 kW		\$ 0.0136	\$ 0.0136	\$ 0.0137	\$ 0.0138	\$ 0.0112	\$ 0.0113	\$ 0.0115	\$ 0.0117	\$ 0.0118	\$ 0.0117		
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue Other	KVVN												
Adjusted rate	1	\$ 0.0136	\$ 0.0136	\$ 0.0137	\$ 0.0138	\$ 0.0112	\$ 0.0113	\$ 0.0115	\$ 0.0117	\$ 0.0118	\$ 0.0117	s -	
Calendar year equivalent			\$ 0.0136	\$ 0.0137	\$ 0.0138	\$ 0.0121	\$ 0.0113	\$ 0.0114	\$ 0.0116	\$ 0.0118	\$ 0.0117	\$-	
GS 50 - 4,999 kW	1	\$ 2.6148	\$ 2.5318	\$ 2.5541	\$ 2.5664	\$ 2.1025	\$ 2.1298	\$ 2.1681	\$ 2.2028	\$ 2.2226	\$ 2.3574		
Rate rider for tax sharing	kW												
Rate rider for foregone revenue Other	KVV												
Adjusted rate	-	\$ 2.6148	\$ 2.5318	\$ 2.5541	\$ 2.5664	\$ 2.1025	\$ 2.1298	\$ 2.1681	\$ 2.2028	\$ 2.2226	\$ 2.3574		
Calendar year equivalent			\$ 2.5595	\$ 2.5467	\$ 2.5623	\$ 2.2571	\$ 2.1207	\$ 2.1553	\$ 2.1912	\$ 2.2160	\$ 2.3125	s -	
Large Use		s -	s -	s -	s -	s -	s -	٩	s -	s -	\$ 2.3574		
Rate rider for tax sharing			•	•	•			•		•	¢ 2.0014		
Rate rider for foregone revenue	kW												
Other Adjusted rate	-	s -	s -	s -	s -	s -	s -	s -	s -	s -	\$ 2.3574	s -	
Calendar year equivalent		L	\$- \$-	s - s -	s - s -	s - s -	s - s -	s - \$ -	s - s -	s - \$ -	\$ 2.3574 \$ 1.5716	\$ -	
Unmetered		\$ 0.0161	\$ 0.0161	\$ 0.0162	\$ 0.0163	\$ 0.0060	\$ 0.0061	\$ 0.0062	\$ 0.0063	\$ 0.0064	\$ 0.0054		
Rate rider for tax sharing		3 0.0101	\$ 0.0101	3 0.0102	3 0.0103	\$ 0.0000	3 0.0001	3 0.0002	3 0.0003	3 0.0004	\$ 0.0034		
Rate rider for foregone revenue Other	kWh												
Other Adjusted rate	-	\$ 0.0161	\$ 0.0161	\$ 0.0162	\$ 0.0163	\$ 0.0060	\$ 0.0061	\$ 0.0062	\$ 0.0063	\$ 0.0064	\$ 0.0054	s -	
Calendar year equivalent			\$ 0.0161	\$ 0.0162	\$ 0.0163	\$ 0.0094	\$ 0.0061	\$ 0.0062	\$ 0.0063	\$ 0.0064	\$ 0.0057	\$ -	- I
Steet Lights				\$ 19.3864	\$ 19.4795	\$ 29.0338		\$ 29.9406		\$ 30.6934	\$ 1.8891		
Rate rider for tax sharing	-	\$ 15.2803	\$ 19.2173	\$ 19.3864	\$ 19.4795	\$ 29.0338	\$ 29.4112	\$ 29.9406	\$ 30.4196	\$ 30.6934	\$ 1.8891		
Rate rider for foregone revenue	kW												
Other Adjusted rate		\$ 15.2803	\$ 19.2173	\$ 19.3864	\$ 19.4795	\$ 29.0338	\$ 29.4112	\$ 29.9406	\$ 30.4196	\$ 30.6934	\$ 1.8891	s -	
Calendar year equivalent		3 13.2003	\$ 17.9050	\$ 19.3300			\$ 29.2854	\$ 29.7641	\$ 30.2599	\$ 30.6021	\$ 11.4905	\$ -	.!
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Rate rider for foregone revenue	0												
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Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the 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.

Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights								
kWh	kWh	kW	kW	kWh	kW	0	0	0	0	0	0	0	0
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0044	\$0.0118	\$2.2160	\$0.0000	\$0.0064	\$30.6021	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$0.0011	\$0.0117	\$2.3125	\$1.5716	\$0.0057	\$11.4905	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	kWh \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	kWh kWh \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	KWh KWh KW \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	MVh MVh MV MV \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	KWh KWh KWh KWh KWh \$0.0000 <td< td=""><td>N/h N/h N/h N/h N/h N/h \$6.0000 \$6.</td><td>N/h N/h N/h N/h N/h 0 \$0.0000 \$0.00</td><td>M/h M/h M/h M/h M/h M/h D 0 <</td><td>M/h M/h M/h M/h M/h M/h M/h 0.0 0.0 0.0 \$0.0000</td><td>KWh KWh KW KWh KW KWh C 0 <th< td=""><td>N/h N/h N/h N/h 0</td><td>N/h N/h N/h N/h N/h 0 <th< td=""><td>N/h N/h N/h N/h N/h 0 <th< td=""></th<></td></th<></td></th<></td></td<>	N/h N/h N/h N/h N/h N/h \$6.0000 \$6.	N/h N/h N/h N/h N/h 0 \$0.0000 \$0.00	M/h M/h M/h M/h M/h M/h D 0 <	M/h M/h M/h M/h M/h M/h M/h 0.0 0.0 0.0 \$0.0000	KWh KWh KW KWh KW KWh C 0 <th< td=""><td>N/h N/h N/h N/h 0</td><td>N/h N/h N/h N/h N/h 0 <th< td=""><td>N/h N/h N/h N/h N/h 0 <th< td=""></th<></td></th<></td></th<>	N/h N/h N/h N/h 0	N/h N/h N/h N/h N/h 0 <th< td=""><td>N/h N/h N/h N/h N/h 0 <th< td=""></th<></td></th<>	N/h N/h N/h N/h N/h 0 <th< td=""></th<>



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.

Ontario Energy Board

Leger

Instru

Tables

LRAMVA Work Form:

2011 - 2014 Lost Revenues Work Form

nd	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)
uctions	
	 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. 2011;2014 peeid. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's

1. LOCs can apply for disposition of LRAMA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMA 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 avings persistence data is these tables from the LDCs Persistence Reports provided by the ESO (in Tab 7). An other earlier, persistence data is available upon requesting from the ESO. Please as to be avided that these man the classes (b) to (a 14 can can do other from the Summary 2).

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 program strat were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be clamed in future years, past year's initiative level is avings results need to be filled out in the table 2000. If the IESO adjustments were made available to the LDC after the LDMAM was approved by the serving savings table.

3. The work forms below induce the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEE's updated URAM policy related to patk demand saving in EES XVIA/ED. Demand Response (DR) savings should generally not be induced with the UXAMA calculation, unless sported by empiral endence. LDS are requested to contin the monthly multipliers for all programs and you are placed and these sported by endence. LDS are requested to contin the monthly multipliers for all programs and you are placed and these are provided. If a different nonlinity multipliers for all programs and you are placed and these are provided.

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.

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

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

Table 4-a. 2011 Lost Revenues Table 4-d. 2014 Lost Reve

Table 4-a. 2011 Lost Revenues Work Fo	m	Net Energy			Ne	t Enormy 9	iavings Per	reletanca	2005)				Net Demi	ind			Not Dook	Domand S	auloos Por	sistence (k	wa		1						Rate Allo	ocations for LRA	AMP/A					_	
Program	Results Status	Savings (kW	2012	2013						2019	2020	Monthly Multiplier	Savings (2011		2012 2						018 20	19 2020	Residential	GS<50 kW	3S 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Total
Consumer Program 1 Appliance Retirement Adjustment to 2011 savings	Verified True-up	45,772	46,77	46,77	72 46,46	19 31,3	135 0	0	0	0	0		7		7	7	7	4	0	0	0 0	0 0	kWh 100.00%	kWh	KW 0.00%	KW 0.07%	KWh	KW 0.00%	0	0	0.00%	0	0	0	0	0.00%	100%
Appliance Exchange Adjustment to 2011 savings	Verified True-up	289	289	289	90	0	0	0	0	0	0		0		0	0	0	0	0	0	0 0	0 0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2011 savings Adjustment to 2011 savings	Verified True-up	86,998 -11,232	86,99	86,99	38 86,99 32 -11,2	18 86,9 32 -11,2	198 86,91 232 -11,2	98 86,9 232 -11,2	98 86,99 32 -11,23	3 86,998 2 -11,232	86,998 -11,232		49 -6		49	49	49	49 -6	49 -6	49 -	49 4	9 49 6 -6	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	32,225 437			25 32,22	15 29,7	23 26,9	90 21,0		4 26,199	10,485		2		2	2	2	2	2	2	2	2 1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
<u>5</u> Bi-Annual Retailer Event Adjustment to 2011 savings	Verified True-up	46,602 3,462	45,600 3,462	2 46,60 3,46	02 46,60 2 3,46	12 42,5 2 3,46	i91 38,21 52 3,14	09 28,8 46 1,69	07 28,700 99 1,698	2 37,095 1,698	11,904 375		3		3 0	3 0	3 0	2	2	2	2	2 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%	100%
Retailer Co-op Adjustment to 2011 savings	Verified True-up	0	0	0	0	0	0	0	0	0	0		0		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%
<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%
9 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	78,074	78,074	78,07	74 78,07	4 78,0	174 78,0	74 78,0	74 40,26	22,566	22,566	12	15		15	15	15	15	15	15	6 (0 0	0.00%	60.00%	40.00%	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	451,696	451,69	6 426,5	76 257,9	11 257,5	911 257,9	911 109,6	994 109,56	4 109,564	109,564	12 12	171		171 1	162	102	102	102	43	43 4	13 43	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 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	22,211 18	22,21 18	22,21					11 22,21 1 18		22,211 18	12 12	5 -1		5 -1	5 -1	5 -1	5 -1	5 -1	5 -1	5 I -1 -	5 5 1 -1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
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 <u>16</u> (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%
17 Demand Response 3 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%
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 Monitoring & Targeting 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											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%
22 Demand Response 3 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%
Home 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%
25 Direct Install Lighting Adjustment to 2011 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%	0.00%	0%
Pre-2011 Programs completed in 2011 26 Electricity Retroft Incentive Program Adjustment to 2011 savings	Verified True-up	165,618	165,61	8 165,6	18 165,6	18 165,6	518 165,6	518 165,6	518 165,61	8 165,618	165,618	12	30		30	30	30	30	30	30	30 3	10 30	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%
27 High Performance New Construction Adjustment to 2011 savings	Verified True-up	92,390 21,537			90 92,35 37 21,53							12	18				18	18				8 18		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 2011 savings	Verified True-up				- 1,000		- 1,0					0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
29 Multifamily Energy Efficiency Rebates Adjustment to 2011 savings	Verified True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Other <u>31</u> Program Enabled Savings Adjustment to 2011 savings	Verified											0																									0%
Adjustment to 2011 savings 32 Time of Use Savings	True-up Verified											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%

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Version 5.0 (2021)

Adjustment to 2011 savings	True-up					0					0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
LDC Pilots Adjustment to 2011 savings	Verified True-up	1				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%	03
Actual CDM Savings in 2011 Forecast CDM Savings in 2011		1,037,097		 			297		 		205,554 0	498,540 0	745 0	0 0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2011 from 2011 programs Forecast Lost Revenues in 2011 LRAMVA in 2011	ns										\$0.0000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00	\$0.0 \$0.0 \$0.0
011 Savings Persisting in 2012 011 Savings Persisting in 2013 011 Savings Persisting in 2014 011 Savings Persisting in 2016 011 Savings Persisting in 2016 011 Savings Persisting in 2017											205,554 205,554 205,052 183,314 144,510 127,605 127,375	498,540 473,421 304,755 304,755 304,755 156,539 133,725	745 745 745 745 745 745 701	0 0 0 0 0		0 0 0 0 0		0 0 0 0 0	000000000000000000000000000000000000000				0 0 0 0	0 0 0 0	

	Note: LDC to make note of key assumptions inclu	ded above																																						
Note: No	Table 4-b. 2012 Lost Revenues Work Forr	1		ergy (kWb)			Net Er	nergy Savi	ings Persis	stence (ki	Wh)				Net De Savino	mand s (kW)			Net Pea	k Demano	Savings R	Persistence	(kW)									Rate Allo	cations for LRA	AMVA						
No <th< th=""><th>Program</th><th>Results Status</th><th>21</th><th>2 21</th><th>113</th><th>2014</th><th>2015</th><th>2016</th><th>2017</th><th>2018</th><th>2019</th><th>2020</th><th>2021</th><th>Monthly Multiplier</th><th></th><th></th><th>2013</th><th>2014</th><th>2015</th><th>2016</th><th>2017</th><th>2018</th><th>2019</th><th>2020</th><th>1021</th><th>Residential</th><th>GS<50 kW</th><th>35.50 - 4.999 kW</th><th>Larne Lise</th><th>Unmetered</th><th>Steet Linhts</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Total</th></th<>	Program	Results Status	21	2 21	113	2014	2015	2016	2017	2018	2019	2020	2021	Monthly Multiplier			2013	2014	2015	2016	2017	2018	2019	2020	1021	Residential	GS<50 kW	35.50 - 4.999 kW	Larne Lise	Unmetered	Steet Linhts									Total
And <th< th=""><th>Consumer Brooram</th><th></th><th></th><th></th><th>515</th><th>2014</th><th>2010</th><th>2010</th><th>2017</th><th>2010</th><th></th><th>2020</th><th>2021</th><th></th><th>201</th><th></th><th>2010</th><th>2014</th><th>2010</th><th>2010</th><th>2017</th><th>2010</th><th>2015</th><th></th><th></th><th></th><th></th><th></th><th></th><th>MAD</th><th></th><th>0</th><th></th><th></th><th>0</th><th>0</th><th></th><th></th><th></th><th>1000</th></th<>	Consumer Brooram				515	2014	2010	2010	2017	2010		2020	2021		201		2010	2014	2010	2010	2017	2010	2015							MAD		0			0	0				1000
And <th< td=""><td>Appliance Retirement Adjustment to 2012 savings</td><td>Verified True-up</td><td>27</td><td>29 27</td><td>,029 2</td><td>27,029</td><td>26,721</td><td>14,024</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td><td>5</td><td></td><td>5</td><td>5</td><td>4</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>100.00%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00%</td><td>0.00%</td><td>100%</td></th<>	Appliance Retirement Adjustment to 2012 savings	Verified True-up	27	29 27	,029 2	27,029	26,721	14,024	0	0	0	0	0		5		5	5	4	2	0	0	0	0	0	100.00%												0.00%	0.00%	100%
And a	Appliance Exchange Adjustment to 2012 savings	Verified True-up	6	3 6	83	683	680	0	0	0	0	0	0		0		0	0	0	0	0	0	0	0	0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
And <th< td=""><td>HVAC Incentives</td><td>Verified</td><td></td><td>57 53</td><td>,257 1</td><td>53,257</td><td>53,257</td><td>53,257</td><td>53,257</td><td>53,257</td><td>53,257</td><td>53,257</td><td>53,257</td><td></td><td>33</td><td>2</td><td>32</td><td>32</td><td>32</td><td>32</td><td>32</td><td>32</td><td>32</td><td>32</td><td>32</td><td>100.00%</td><td>0.000</td><td>0.00%</td><td>0.000</td><td>0.00%</td><td>0.000</td><td>0.000</td><td>0.00%</td><td>0.00%</td><td>0.000</td><td>0.000</td><td>0.00%</td><td>0.00%</td><td>0.007</td><td>100%</td></th<>	HVAC Incentives	Verified		57 53	,257 1	53,257	53,257	53,257	53,257	53,257	53,257	53,257	53,257		33	2	32	32	32	32	32	32	32	32	32	100.00%	0.000	0.00%	0.000	0.00%	0.000	0.000	0.00%	0.00%	0.000	0.000	0.00%	0.00%	0.007	100%
And a	Concentation Instant Courson Booklet	Verified	***********												0		0	0	0	0	0	0																		100%
And <th< td=""><td>Bi-Annual Retailer Event</td><td></td><td>42</td><td>70 42</td><td>,470 4</td><td>12,470</td><td>42,470</td><td>38,178</td><td>31,044</td><td>21,175</td><td>21,131</td><td>21,131</td><td>10,733</td><td></td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100.00%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100%</td></th<>	Bi-Annual Retailer Event		42	70 42	,470 4	12,470	42,470	38,178	31,044	21,175	21,131	21,131	10,733		2											100.00%														100%
And <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0%</td></th<>								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%
And <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>~</td></th<>																										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	~
control contro control control control contr																										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
control with the state in the	Adjustment to 2012 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%
Math Math<	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%
Math Math<	Business Program Retrofit	Verified	411	893 411	1,293 4	11,293	411,293	411,293	405,416	379,825	379,829	378,867	33,834	12	76	3	76	76	76	76	75	70	70	70	14		33%	67%												100%
Add matrix Add mat	Adjustment to 2012 savings														73	2	6 72	6 70	6 50	6 50	6 24	6 24	24			0.00%	100%													100%
Add <th< td=""><td>Building Commissioning</td><td>Verified</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00%</td><td>100.00%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0%</td></th<>	Building Commissioning	Verified												12												0.00%	100.00%													0%
Appendix <td>Adjustment to 2012 savings</td> <td>True-up</td> <td></td> <td>22 42</td> <td>122</td> <td>12 122</td> <td>12 122</td> <td>49.422</td> <td>12.122</td> <td>12.17</td> <td>12.100</td> <td>13 122</td> <td>13 1 22</td> <td>3</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00%</td> <td></td> <td>0.00%</td> <td></td>	Adjustment to 2012 savings	True-up		22 42	122	12 122	12 122	49.422	12.122	12.17	12.100	13 122	13 1 22	3			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%	
And the series in the series	Adjustment to 2012 savings	True-up						13,723	13,123	13,123	13,123	13,123	13,125	12	4		•	•	•	•	•	•	•	•	+	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
And <th< td=""><td></td><td></td><td>25 26</td><td>76 25 84 26</td><td>,176 3 ,884 3</td><td>25,176 26,884</td><td>25,176 26,884</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>12 12</td><td>5</td><td></td><td>5 5</td><td>5 5</td><td>5 5</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.00%</td><td>100.00% 100.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td></td></th<>			25 26	76 25 84 26	,176 3 ,884 3	25,176 26,884	25,176 26,884	0	0	0	0	0	0	12 12	5		5 5	5 5	5 5	0	0	0	0	0	0	0.00%	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
M M	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%
 math math m	Small Commercial Demand Response (IHD)																																							0%
A A	Adjustment to 2012 savings Demand Response 3	Verified						l				() F				i.										0.00%														0%
vice <		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%	
and	Process & System Upgrades 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%
and	Monitoring & Targeting Adjustment to 2012 savings	Verified True-up												12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
 														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%
AA	Retrofit	Verified												12												0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Normal basis Normal basis <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0070</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0%</td></th<>																										0.0070														0%
 Description: And a	Hama Assistance Decaram																									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
with the second			1,	54 1,	484	1,484	1,484	1,484	1,484	1,012	1,012	0	0		0		0	0	0	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%
with the second	Aboriginal Program Home Assistance Program	Verified																																						0%
 A set of the set of	Direct Install Lighting	Verified												0												0.00%														0%
space space <th< td=""><td></td><td>True-up</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td></td></th<>		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%	
diameter bioldiameterdia	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%
 	High Performance New Construction Adjustment to 2012 savings	Verified True-up	1	4 1	74	174	174	174	174	174	174	174	174	12 12	0		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%
 	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%
Normal propertion Normal propertion Normal propertion Normal properiment propertion Normal properiment properimente properiment properiment properiment properiment pro	Multifamily Energy Efficiency Rebates	Verified												0												0.00%														0%
Arror	LDC Custom Programs	Verified									-			0												0.000														0%
dambe distance distance <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>_</td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>u.00%</td><td></td><td></td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td></td></t<>											-	_		0												u.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Chine Method Method </td <td>Adjustment to 2012 savings</td> <td>True-up</td> <td></td> <td>06 32</td> <td>,506 3</td> <td>32,506</td> <td>32,506</td> <td>32,505</td> <td>32,506</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>60</td> <td>,</td> <td>60</td> <td>60</td> <td>60</td> <td>60</td> <td>60</td> <td>52</td> <td>52</td> <td>52</td> <td>52</td> <td>0.00%</td> <td>60.00% 60.00%</td> <td>40.00% 40.00%</td> <td>0.00%</td> <td>100%</td>	Adjustment to 2012 savings	True-up		06 32	,506 3	32,506	32,506	32,505	32,506	0	0	0	0	0	60	,	60	60	60	60	60	52	52	52	52	0.00%	60.00% 60.00%	40.00% 40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Status Status<	Time of Use Savings Adjustment to 2012 savings	Verified True-up								1				0 0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
chair (2008) 964,770 960,770	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%
bitsbulke 50.0000 50.000 50.00	Actual CDM Savings in 2012			759											26	a										128,929			0	0	0	0	0	0	0	0	0	0	0	
State State <th< th=""><th>Distribution Rate in 2012</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>l.</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>la</th><th></th><th></th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00000</th><th>\$0.00</th></th<>	Distribution Rate in 2012												l.										la			\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00
1/2 Sang Pendiha (2/1) 2/2 Sang Pendiha (2/1) 2/2 Sang Pendiha (2/1) 2/2 Sang Pendiha (2/1)	Lost Revenue in 2012 from 2011 programs Lost Revenue in 2012 from 2012 programs Total Lost Revenues in 2012 Forecast Lost Revenues in 2012 LRAMVA in 2012																									\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00								
128.409 428.427 665 0 0 0 0 0 0 0 0 0 102.58mp2 Presting in 2015 100.51 577.66 665 0 <t< td=""><td>2012 Savings Persisting in 2013 2012 Savings Persisting in 2014</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>128,929</td><td>509,023</td><td>665 665</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>0</td><td>0</td><td></td></t<>	2012 Savings Persisting in 2013 2012 Savings Persisting in 2014																									128,929	509,023	665 665	0	0	0	0	0	0	0	0	0	0	0	
112 Sanga Persenting in 2018 112 Sanga Persenting in 2018	2012 Savings Persisting in 2015 2012 Savings Persisting in 2016 2013 Savings Persisting in 2017																									129 610	429 927	665 665	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2017 2012 Savings Persisting in 2018																									od,/58 78,261	2/4,367 245,939	615	0	0	0	0	0	0	0	0	0	0	0	

2012 Savings Persisting in 2019 2012 Savings Persisting in 2020							
2012 Savings Persisting in 2020	2	012:	Savings	Persisting	in	2019	
	2	012	Savings	Persisting	in	2020	

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3 of 4

Table 4-c. 2013 Lost Revenues Work Form		Retu	in to top																												
		Sa	et Energy vings (kWh)		Net F	Energy Saving	gs Persisteno	e (kWh)			Net Demand Savings (kW	d V)	N	et Peak Demand	Savings Per	sistence (kW)								Rate Allo	cations for LRA	AVA					
Program	Results Status	a 	2013 20	14 2015	5 2016	2017	2018 20	2019 2020	2021 202	Monthly Multiplier	2013	2014	2015 20	16 2017	2018 2	019 2020	2021 2022	Residential	GS<50 kW G	S 50 - 4.999 kW	Large Use	Unmetered	Steet Lights								т
Consumer Program							و کک											KMb	KWb	PW	NW.	kimb.	WW.	0	0	0				ò	
Consumer Program Appliance Retirement Adjustment to 2013 savings	Verified True-up	d P	12,709 12;	709 12,70	J9 12,709	6,612	0	0 0	0 0		2	2	2 2	2 1	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%
	Verified True-up	d	2,217 2,2	2,21	7 2,217	0	0	0 0	0 0		1	1	1	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%
HVAC Incentives	Verified True-up	d p	51,560 51, 1,139 1,1	560 51,56 139 1,12	30 51,560 39 1,139	51,560	51,560 51 1,139 1	1,560 51,560 139 1,138	0 51,560 51,5 9 1,139 1,13	0	31 1	31	31 3	1 31 I 1	31	31 31 1 1	31 31 1 1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Annual Coupons Adjustment to 2013 savings	Verified True-up		12,223 12, 37 3	223 11,75 37 36	32 9,955 31	9,956 31	9,956 9,9 31 3	,956 9,948 31 31	8 7,234 7,23 26 26	•	1	1	1	I 1	1	1 1 0 0	1 1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bi-Annual Retailer Event Adjustment to 2013 savings	Verified True-up	d P	27,243 27,	243 25,60	J2 20,000	20,000	20,000 20	J,000 19,971	6 16,799 16,7	9	2	2	2	1	1	1 1	1 1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified True-up																	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Demand Response Adjustment to 2013 savings	Verified True-up		0 0	0 0	0	0	0	0 0	0 0		0	8	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%
Residential Demand Response (IHD) Adjustment to 2013 savings	Verified True-up	a 👘																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PeaksaverPLUS Adjustment to 2013 savings	Verified True-up		0 0	ە د	0	0	0	0 0	0 0		10	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%
Business Program		- Longer	499.515 499	515 499.5	515 499.515	5 499.323	490.604 49	0.604 482.3	75 477.826 414.2	5 12	99	99	99 9	9 99	97	97 96	96 85		25%	75%											10
Adjustment to 2013 savings Small Business Lighting	Verified True-up								8 66,108 66,1	12	36	36	34 3			17 17	17 17	0.00%	25% 25.00%	75% 75.00%	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	P	131					50,100		12	~		3			.,		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%
Building Commissioning Adjustment to 2013 savings	True-up	P	194,105 194	105 1041	105 104 107	5 194.105	194 105 - 40	4 105 1 107 **	15 194 105 101	3	22	22	22	2 22	72	22 22	22 22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Energy Audit	True-up	P	104			1079,100			134,103	12						- 4		0.00%	33.00%	67.00%	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 Small Commercial Demand Response	True-up	P								12								0.00%	0.00%	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	P																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(IHD) Adjustment to 2013 savings	Verified True-up	-																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Demand Response 3 Adjustment to 2013 savings	Verified True-up	d P	1,557 (0 0	0	0	0	0 0	0 0		91	0	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%
Industrial Program Process & System Upgrades Adjustment to 2013 savings	Verified True-up	d								12								0.00%	0.00%	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 Monitoring & Targeting Adjustment to 2013 savings	Verified True-up	d								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Energy Manager Adjustment to 2013 savings	Verified True-up		19,773 19;	773 19 7	73 19.773	19.773	32.490 33	2.490 37.49	0 32,490 32,4	12 0 12	27	27	27 2	7 27	29	29 29	29 29	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%
Retrofit Adjustment to 2013 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified True-up	because of	1,668	٥ (0	0	0	0 0	0 0		73	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%
Home Assistance Program	Verified True-up	d	15,764 15,	764 15,77	64 14,294	13,560	12,825 11	1,542 11,41	7 5,634 5,63	9	2	2	2	2 2	2	2 2	2 2	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aboriginal Program Home Assistance Program Adjustment to 2013 savings	Verified True-up	d																-													
,	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%
Adjustment to 2013 savings Pre-2011 Programs completed in 2011 Electricity Retroft Incentive Program	True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2013 savings	True-up	P								12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
High Performance New Construction Adjustment to 2013 savings Toronto Comprehensive	Verified True-up									12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2013 savings	True-up	P								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Multifamily Energy Efficiency Rebates Adjustment to 2013 savings LDC Custom Programs	True-up									0	1							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Adjustment to 2013 savings	True-up	P					i			Ő	1							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified True-up									0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Verified True-up	d P								0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LDC Pilots Adjustment to 2013 savings	Verified True-up									12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Actual CDM Savings in 2013 Forecast CDM Savings in 2013			971,486								397							122,892 0	320,911 0	1,396 0	0	0	0	0	0	0	0	0	0	0	0
Vistribution Rate in 2013 Lost Revenue in 2013 from 2011 programs Lost Revenue in 2013 from 2012 programs Lost Revenue in 2013 from 2013 programs Total Lost Revenues in 2013																		\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$1 \$0.00 \$1 \$0.00 \$1 \$0.00 \$1 \$0.00 \$1
Forecast Lost Revenues in 2013 LRAMVA in 2013																					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$1 \$1
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015																		122,892 120,778	320,911 316,674 308,671	1,396 1,396	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2014 2013 Savings Persisting in 2015 2013 Savings Persisting in 2016 2013 Savings Persisting in 2017 2013 Savings Persisting in 2018																		122,552 120,778 111,907 102,858 95,512	308,671 254,993 252,813	1,396 1,396 1,395 1,401	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2018 2013 Savings Persisting in 2019																		95,512 94,229 94,071	252,813 252,813 250,755	1,401 1,401 1,393	0	0	0	0	0	0	0	0	0	0	0
2013 Savings Persisting in 2019 2013 Savings Persisting in 2020																															

	Results	Net Energy Savings (kWh)			Ne	t Energy	Savings Po	rsistence (k	Wh)			Monthly	Net Demand Savings (kW)			Net Pe	ak Demani	d Savings F	Persistenc	e (kW)								Rate Allo	ocations for LRA	MVA						
Program	Status	2014	2015	2016	2017	20	18 20	19 2020	2021	2022	2023	Multiplier	2014	2015	2016	2017	2018	2019	2020	2021 20	2023	Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Tot
onsumer Program																						kWh	kWh	kW	kW	kWh	kW	0	0	0	0	0	0	0	0	
	Verified	7,429	7,429	7,429	7,425	4,5	05 0	0	0	0	0		1	1	1	1	1	0	0	0 0	0 0	100%														10
pliance Retirement justment to 2014 savings	True-up																					100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
iance Exchange	Verified	4.803	4.803	4.803	4.803	3 0		0	0	0	0		3	3	3	3	0	0	0	0	0	100%														10
ustment to 2014 savings	True-up		1																			100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Incentives	Verified	56,704	56,704	56.704	56.70	4 56.	04 56.3	04 56.70	56.704	56.704	56,704		31	31	31	31	31	31	31	31 3	1 31	100%														10
stment to 2014 savings	True-up										1											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

4 Conservation Instant Coupon Booklet	Verified	48,382 45	016 43	400 43,400	0 43.400	43,400	43.400	43 322 43	322 37 544		4	3	3	3	3	3	3	3 3	3	100%														100%
Adjustment to 2014 savings	True-up Verified			5,612 155,61							13							10 10		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Adjustment to 2014 savings	True-up Verified	101		-, 100,61	- 100,012	100,012		100			13		10	10	10	i.J			10	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Retailer Co-op Adjustment to 2014 savings <u>7</u> Residential Demand Response	Verified True-up Verified																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings	True-up	U	0	0 0	0	U		0	0 0		13	U		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%	
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																			0.00%	0.00%	0.00%	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 2014 savings	Verified True-up	511,968 511	1,988 511	1,988 511,98	8 511,988	511,988	482,727 4	82,727 435	5,590 298,826	12 12	59	59	59	59	59	59	54	54 54	33	0.00%	25% 25.00%	75% 75.00%	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 2014 savings	Verified True-up	150,535 143	3,771 131	1,821 92,893	3 92,893	92,893	92,893 1	92,893 92,	,893 92,893	12 12	41	39	36	24	24	24	24	24 24	24	0.00%	100%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
12 Building Commissioning Adjustment to 2014 savings	Verified True-up									3										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
13 New Construction Adjustment to 2014 savings	Verified True-up	525,100 525	5,100 525	5,100 525,10	0 525,100	525,100	525,100 5	25,100 523	3,244 523,244	12 12	112	112	112	112	112	112	112	112 112	112	0.00%	50.00% 50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
14 Energy Audit Adjustment to 2014 savings	Verified True-up					-				12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
15 Small Commercial Demand Response Adjustment to 2014 savings	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Small Commercial Demand Response 16 (IHD)	Verified																			3.00 %	0.00 %	0.007	0.00 //	0.007	0.00 /	0.007	0.00 %	0.00 A		0.00 %	0.007	0.007	0.007	0%
Adjustment to 2014 savings	True-up Verified																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
17 Demand Response 3 Adjustment to 2014 savings	True-up	0	0	0 0	0	0	0	0	0 0		1	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%
18 Process & System Upgrades Adjustment to 2014 savings	Verified True-up					-				12 12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
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	372,587 372	2,587 373	2,587 372,58	372,587	353,579	353,579 3	153,579 353	3,579 353,579	12 12	4	4	4	4	4	4	4	4 4	4	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%
21 Retrofit 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%
22 Demand Response 3 Adjustment to 2014 savings	Verified True-up	0	0	0 0	0	0	0	0	0 0		176	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 23 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%
Aboriginal Program	Verified																																	0%
Adjustment to 2014 savings 25 Direct Install Lighting	True-up Verified	l								0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2014 savings Pre-2011 Programs completed in 2011	True-up						·			0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pre-2011 Programs completed in 2011 26 Electricity Retroft Incentive Program 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%
27 High Performance 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%
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%
20 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%
31 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	0 0	0	0	0	0	0 0	0	100	0	0	0	0	0	0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
33 LDC Pilots 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%
Actual CDM Savings in 2014 Forecast CDM Savings in 2014		1,872,425									647									312,215 0	541,082 0	1,245 0	0	0	0	0	0	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																				\$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 \$0.00	\$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	\$0.00000 \$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	\$0.00 \$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 2019 2014 Savings Persisting in 2019																				283,024 267,948 267,948 260,621 255,716 255,716	534,318 522,368 483,440 483,440 483,440 476,125	1,245 1,245 1,245 1,245 1,245 1,245 1,201	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	
Note: LDC to make note of key assumptions inclu	ded above																																	

Table 5-8, 2015 Lost Revenues Table 5-8, 2006 Lost Revenues, Table 5-2, 2017 Lost Revenues, Table 5-2, 2018 Lost Revenues, Table 5-8, 2018 Lost Revenues Table 5-8, 2018 Lost Revenues

Tables

able 5-a. 2015 Lost Revenues Work Form		Met Resp. Not Design Publication (WH) Brit Design And Britight Publication (WH) Not Phase Publication (WH) Ris Alsociation for (SAMA)	
Program	Results Status		
agacy Framework esidential Program			0
oupon Initiative djustment to 2015 savings	Verified True-up		0.00%
-Annual Retailer Event Initiative djustment to 2015 savings	Verified True-up	143.33 43.72 43.72 143.	0.00%
pplance Retirement Initiative djustment to 2015 savings	Verified True-up	3.267 3.267 <th< td=""><td>0.00%</td></th<>	0.00%
VAC Incentives Initiative djustment to 2015 savings	Verified True-up	64 645	0.00%
esidential New Construction and Major diustment to 2015 savings	Verified True-up		0.00%
ommercial & Institutional Program nergy Audit Initiative dustment to 2015 savings	Verified True-up	71,557 71,557 71,557 71,557 0 0 0 0 0 12 15 15 15 0 0 0 0 0 12 15 15 15 0 0 0 0 0 14 15 15 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%
fficiency: Equipment Replacement certive Initiative djustment to 2015 savings	Verified True-up	1702.557 MINUMER FORMER FOR FOR FORMER FOR FOR FOR FOR FOR FOR FOR FOR FOR FO	0.00%
rect Install Lighting and Water Heating liative justment to 2015 savings	Verified True-up		0.00%
ew Construction and Major Renovation Itative djustment to 2015 savings	Verified True-up	45,550 45,550 107,360 2	0.00%
disting Building Commissioning Incentive tative gustment to 2015 savings	Verified True-up	5/A02 5/A02 5/A02 6 0 0 0 0 0 0 0 1 11 11 11 12 0 0 0 0 0 1 12 11 12 12 0 0 0 0	0.00%
Justrial Program coess and Systems Upgrades Initiatives - oject Incentive Initiative justment to 2015 savings	Verified		
ocess and Systems Upgrades Initiatives -	True-up	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.00%
lonitoring and Targeting Initiative djustment to 2015 savings	Verified True-up		0.00%
ocess and Systems Upgrades initiatives - ergy Manager Initiative lustment to 2015 savings	Verified True-up	283.869 283.96	0.00%
w Income Program w Income Initiative justment to 2015 savings	Verified True-up	2,550 2,458 2,550 2,448 2,556 2,556 2,556 2,556 2,556 2,556 1,514 1,514 1,2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00%
ther xoriginal Conservation Program djustment to 2015 savings	Verified True-up		0.00%
ogram Enabled Savings ljustment to 2015 savings	Verified True-up	40,750 40	0.00%
onservation Fund Pilots onservation Fund Pilot - EnerNOC djustment to 2015 savings	Verified True-up		0.00%
blaws Pilot justment to 2015 savings	Verified True-up		0.00%
onservation Fund Pilot - SEG justment to 2015 savings	Verified True-up		0.00%
ocial Benchmarking Pliot djustment to 2015 savings	Verified True-up		0.00%
enservation First Framswork asidential Province-Wide Programs we on Energy Coupon Program dustment to 2015 savinas	Verified True-up		0.00%
we on Energy Heating and Cooling ogram Justment to 2015 savings	Verified True-up		0.00%
ve on Energy New Construction Program	Verified True-up		0.00%
we on Energy Home Assistance Program	Verified		
ustment to 2015 savings n-Residential Province-Wide Programs ve on Energy Audit Funding Program	True-up		0.00%
justment to 2015 savings ve on Energy Retrofit Program justment to 2015 savings	True-up Verified True-up	12 19% 51% 22.88%	0.00%
ve on Energy Small Business Lighting loram	Verified		
ustment to 2015 savings ve on Energy High Performance New nstruction Program ustment to 2015 savings	True-up Verified		0.00%
ve on Energy Existing Building	True-up Verified		0.00%
ustment to 2015 savings	True-up	i i i i i i i i i i i i i i i i i i i	0.00%

30 Save on Energy Process & Systems Upgrades Program Adjustment to 2015 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Save on Energy Monitoring & Targeting Program	Verified						1		12																							0%
Program Adjustment to 2015 savings	True-up						-		12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Save on Energy Energy Manager Program Adjustment to 2015 saving:	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%
Local & Regional Program: 33 Business Refrigeration Local Program Adjustment to 2015 saving:	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2015 saving:	Verified True-up								0									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Local Program Adjustment to 2015 saving:	Verified True-up								0					-				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc <u>38</u> Performance-Based Conservation Pilot Program - Conservation Fund Adjustment to 2015 saving	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
37 EnWin Utilities Ltd Building Optimization	Verified								12																							0%
Adjustment to 2015 savings	True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38 EnWin Utilities Ltd Re-Invest Pilo Adjustment to 2015 saving:	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 Motor Pliot Adjustment to 2015 saving:	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified								12																							0%
Adjustment to 2015 savings Hydro Ottawa Limited - Conservation	True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41 Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2015 saving:	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Residential Demand 42 Response WI-FI Thermostat Pilot	Verified																															0%
Adjustment to 2015 saving:	True-up			-														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Verified								12																							0%
Adjustment to 2015 savings Niagara-on-the-Lake Hydro Inc Direct	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 Energy Efficiency Measures for the Agricultural Sector Adjustment to 2015 savings	Verified	90.118	0.118 90.1	8 90.118	90.118 9	0.118 90.11	8 90.118	90.118 9	12	12	12	12	12 12	12	12	12 12	12	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
45 Direct Install - Hydronic	Verified								12																							0%
Adjustment to 2015 saving:	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 Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2015 saving:	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Direct Install - Hydronic (Pilot Savings Adjustment to 2015 savings	Verified True-up								12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified								12																							0%
Adjustment to 2015 saving:	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 - PFP - Large (Pilot Savings) Adjustment to 2015 savings	Verified True-up								12 12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 201! Forecast CDM Savings in 201!		3,119,882					-			490								329,495 0	455,425 0	3,220 0	0	0	932 0	0	0	0	0	0	0	0	0	
Distribution Rate in 2011 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs Lost Revenue in 2015 from 2015 programs Total Lost Revenues in 2011 Forecast Lost Revenues in 2011 LERAWA in 2011																		\$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 \$0.00	\$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 \$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	\$0.00000 \$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
2015 Savings Persisting in 2016																		325,394 325,302	455,425 455,425	3,220 3,220	0	0	932 932	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2011 2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020																		325,210 324,385 321,943	462,807 462,807 462,807	3,172 3,172 3,172	0	0	936 936 936	0	0	0	0	0	0	0	0	

		Net Energy Savings (kWi	0		Net Ener	y Savings Pe	rsistence (k	kWh)			5	Net Demand Savings (kW)			Net Peak D	Demand Sav	vings Persis	tence (kW)								Rate All	locations for LR	AMVA						
Program	Results Status	2016	2017	2018	2019 2	20 2021	2022	2023	2024 2	Mor Mult	nthly iplier	2016	2017	2018	2019	2020 20	2021 2023	2023	2024 202	Residential	G8<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Tot
acy Framework																				kWh	kWh	kW	kW	kWh	kW	0	0	0	0	0	0	0	0	
idential Program pon 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%	01
nnual 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%	0
ance Retirement Initiative Itment to 2016 savings	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
C Incentives 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%	0
dential New Construction and Major wation Initiative stment to 2016 saving:	Verified True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
mercial & Institutional Program gy Audit Initiative stment to 2016 saving:	Verified True-up										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
ancy: Equipment Replacement tive Initiative tment to 2016 savings	Verified True-up									1	2									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	c
Install Lighting and Water Heating ve ment to 2016 saving:	Verified True-up										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%	6
Construction and Major Renovation	Verified										2																							
tment to 2016 saving:	True-up									1	2									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
ng Building Commissioning Incentive ve tment to 2016 saving:	Verified True-up										3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
trial Program ss and Systems Upgrades Initiatives - t Incentive Initiative ment to 2016 savings	Verified True-up										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%	(
ss and Systems Upgrades Initiatives - oring and Targeting Initiative	Verified									1	2																							0
ment to 2016 saving:	True-up						1				2									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
as and Systems Upgrades Initiatives - v Manager Initiative ment to 2016 savings	Verified True-up										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
ncome Program come Initiative	Verified										2									3.00%	0.00%	0.0070	0.0078	0.00%	0.00%	0.0076	3.00%	0.0076	0.0075	0.0076	0.0078	0.0079	0.0075	
stment to 2016 savings	True-up									1	2									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Other <u>15</u> Aboriginal Conservation Program Adjustment to 2016 saving:	Verified True-up		0						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2016 savings	Verified True-up		0						0.00%	0.00%	0.00%	0.00% 0.009		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot <u>17</u> Conservation Fund Pilot - EnerNOC Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.00%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pilot - SEG Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Pliol Adjustment to 2016 savings	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framewori Residential Province-Wide Program 21 Save on Energy Coupon Program Adjustment to 2016 saving:	Verified True-up	598,178 598,176 598,176 598,176 598,176 598,176 598,176 598,176 598,176 598,176 593,522 64,552 64,552 64,552 64,552 64,552 64,5454 64,546 64,547	37	37	37 37 4 4	37 37 4 4	37 37 4 4	37 37 4 4	100.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating and Cooling Program Adjustment to 2016 saving:	Verified	106,387 106,387 106,387 106,387 106,387 106,387 106,387 106,387 106,387 106,387 106,387	32	32	32 32	32 32	32 32	32 32														100%
Adjustment to 2016 savingr 23 Save on Energy New Construction Program	True-up Verified	1,977 1,977 1,977 1,977 1,977 1,977 1,977 1,977 1,977 1,977	1	1	1 1	1 1	1 1	1 1	100.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2016 savings 24 Save on Energy Home Assistance Program	True-up								0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2016 saving:	Verified True-up	2,661 2,661 2,661 2,661 2,661 2,661 2,661 2,661 2,661 2,661 2,661	0	0	0 0	0 0	0 0	0 0	100.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Program 25 Save on Energy Audit Funding Program Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009	6 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 2016 saving:	Verified True-up	2.356,545 милики иниции иниции иниции иниции иниции иниции иниции иниции 411,613 465,001 465,001 465,001 465,001 465,001 465,001 418,628 418,628	12 306 12 44	385 55	385 385 55 55	385 372 55 55	372 372 55 55	372 372 55 55	0.00%	21.98% 21.98%	75.81% 75.81%	0.00% 0.009	221% 5 2.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Small Business Lighting Program Adjustment to 2016 saving:	Verified True-up	304,897 504,897 304,325 299,709 271,274 244,731 190,428 142,537 55,570 30,034 62,454 62,226 60,867 54,738 47,037 36,071 27,950 13,538 9,586	12 58 12 12	58 12		54 51 11 10	42 33 9 7	15 9 4 3	100.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	Verified		12 37		37 37					53.84%	46.16%											100%
Adjustment to 2016 savings	True-up Verified		12						0.00%	53.84%	46.16%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Save on Energy Existing Building Commissioning Program Adjustment to 2016 saving:	Verified True-up		3						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
31 Program Adjustment to 2016 saving:	Verified True-up		12						0.00%	0.00%	0.00%	0.00% 0.009	6 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						0.00%	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2016 saving:	True-up		12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business Refrigeration Local Program Adjustment to 2016 saving:	Verified True-up		0						0.00%	0.00%	0.00%	0.00% 0.00%	6 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 2016 saving:	Verified True-up		0						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2016 saving:	Verified True-up		0						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Pilot Programs Enersource Hydro Mississauga Inc Programs Enersource Hydro Mississauga Inc Program - Conservation Fund Adjustment to 2016 saving Entitle 1916 - Bridden Continuentee	Verified		12																			0%
Program - Conservation Fund Adjustment to 2016 saving: EnWin Utilities Ltd Building Ontimization	True-up		12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	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 2016 saving:	Verified True-up		12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
38 EnWin Utilities Ltd Re-Invest Pilo Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009	6 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 Motor Pilot Adjustment to 2016 savings	Verified True-up		12 12				_		0.00%	0.00%	0.00%	0.00% 0.009	6 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 Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation 41 Voltage Regulation (CVR) Leveraging AMI Data Pitot Adjustment to 2016 saving:	Verified		12																			0%
Hydro Ottawa Limited - Residential Demand	True-up		12						0.00%	0.00%	0.00%	0.00% 0.009	6 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 2016 saving:	Verified True-up								0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
43 Adjustment to 2016 saving:	Verified		12																			0%
	True-up Verified		12		l.				0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Nagara-on-the-Lake Hydro Inc Direct <u>44</u> Install Energy Efficiency Measures for the Aoricultural Sector Adjustment to 2016 savingr	True-up		12						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	~ ~
45 Dakville Hydro Electricity Distribution Inc Direct Install - Hydronic Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.00%	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savinos Adjustment to 2016 saving:	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified		12																			0%
Adjustment to 2016 saving:	True-up		12					<u>.</u>	0.00%	0.00%	0.00%	0.00% 0.009	6 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49 PFP - Large (Pilot Savings) Adjustment to 2016 savings	Verified True-up		12 12						0.00%	0.00%	0.00%	0.00% 0.009		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Actual CDM Savings in 2011 Forecast CDM Savings in 2011		4,029,459	621						1,109,104 0	690,381 0	4,208 0	0 0	117 0	0 0	0	0	0	0 0	0	0 0	0	
Distribution Rate in 2016 Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2015 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenue in 2016 from 2016 Forecast Lost Revenues in 2011 LRAMVA in 2011									\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$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 \$0.000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$0.00000 \$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	\$0.00000 \$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	\$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 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
LIGANIVA IN 2016																						\$0.00
2016 Savings Persisting in 2011 2016 Savings Persisting in 2018									1,109,104 1,108,304	690,381 690,381	4,208 4,208	0 0	117	0	0	0	0	0	0	0	0	
2016 Savings Persisting in 2011 2016 Savings Persisting in 2018 2016 Savings Persisting in 2011 2016 Savings Persisting in 202X Note: LOC to make note of key assumptions incl	ided above								1,109,104 1,108,304 1,102,419 1,067,763	690,381 690,381 690,381 690,381	4,208 4,208 4,208 4,208	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	117 117 117 117 117	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	

Unmetered

Steet Lights

 Barting in the second second

Legacy Framework			kWh	kWh	kW	kW	kWh	kW	0	0	0	0	0	0	0	0	
Legacy Framework Residential Program 1 Coupon Initiative Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
 Bi-Annual Retailer Event Initiative Adjustment to 2017 savings 	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
HVAC Incentives Initiative Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
5 Residential New Construction and Major Renovation Initiative Adjustment to 2017 saving:	Verified															0.00%	0%
Commercial & Institutional Program E Energy Audit Initiative Adjustment to 2017 savings	True-up	iaaanaanaa kaana kaan 	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Direct Install Lighting and Water Heating Initiative Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
New Construction and Major Renovation Initiative Adjustment to 2017 saving:	Verified	12															0%
Adjustment to 2017 saving:	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%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2017 saving:	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2017 savings	Verified	12 12		0.00%													0%
Adjustment to 2017 saving: Process and Systems Upgrades Initiatives - 12 Monitoring and Targeting Initiative	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2017 savings	Verified True-up	12 12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program			0.00%		0.0079				u nev në	u.uu /0	0.0070	0.0070					0%
Adjustment to 2017 saving: Other	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%	
Other 15 Aboriginal Conservation Program Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot: 17 Conservation Fund Pilot - EnerNOC Adjustment to 2017 saving:	Verified True-up	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot Adjustment to 2017 savings	Verified True-up	12 12 12 12 12 12 12 12 12 12 12 12 12 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
19 Conservation Fund Pliot - SEG Adjustment to 2017 saving	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
20 Social Benchmarking Plici Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		0%
Conservation First Framewort Residential Province-Wide Program Save on Energy Coupon Program Adjustment to 2017 saving:																	
Save on Energy Coupon Program Adjustment to 2017 savings		1,105,786 915,785 915,785 915,785 915,785 915,785 915,785 915,785 915,782 915,782 915,522 914,529 83 64 64 64 64 64 64 64 64 64 64 64 64		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Save on Energy Heating and Cooling Program Adjustment to 2017 saving:	Verified True-up	67,894 67,894 67,894 67,894 67,894 67,894 67,894 67,894 67,894 67,894 67,894 67,894 67,894 19 19 19 19 19 19 19 19 19 19 19 19 19	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 Save on Energy New Construction Program Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Home Assistance Program	Verified	10,395 10,395 10,395 10,395 10,395 10,395 10,395 10,395 10,395 10,395 10,395 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100.00%														100%
Adjustment to 2017 savings Non-Residential Province-Wide Program	True-up		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Program Save on Energy Audit Funding Program Adjustment to 2017 saving:	Verified True-up			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Save on Energy Retrofit Program Adjustment to 2017 saving:	Verified True-up	1,792,912 WARKEN ANDREN ANDREN ANDREN ANDREN ANDREN ANDREN ANDREN ANDREN ANDREN 12 420 421 421 421 421 414 414 414 414 414 414		14.89% 14.89%	85.11% 85.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
7 Save on Energy Small Business Lighting Program Adjustment to 2017 saving:	Verified True-up	596,919 596,919 596,459 590,836 580,070 556,009 484,942 410,43 347,511 127,000 12 146 146 146 145 145 140 129 113 71 3 12	0.00%	92.13% 92.13%	7.87% 7.87%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
28 Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified True-up	53,016 53,018 53,018 53,018 53,018 53,018 53,018 53,018 53,018 53,018 53,016 53,016 12 10 10 10 10 10 10 10 10 10 10 10 10 10	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%
Save on Energy Existing Building Commissioning Program Adjustment to 2017 saving:	Verified	3															0%
Adjustment to 2017 saving: so Save on Energy Process & Systems	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%
30 Save on Energy Process & Systems Upgrades Program Adjustment to 2017 saving:	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%	
31 Save on Energy Monitoring & Targeting Program Adjustment to 2017 savings	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Save on Energy Energy Manager Program Adjustment to 2017 saving:	Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0005	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 saving: Local & Regional Program: Business Refrigeration Local Program Adjustment to 2017 saving:	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
	Verified True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
First Nation Conservation Local Program Adjustment to 2017 savings Social Benchmarking Local Program Adjustment to 2017 savings	Verified True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings Pilot Programs	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%	
Pilot Programs Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Conservation Fund	Verified																0%
Program - Conservation Fund Adjustment to 2017 savings 7 ENVIn Utilities Ltd Building Optimization Pilot Adjustment to 2017 savings	True-up Verified		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2017 savings	True-up	12	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
EnWin Utilities Ltd Re-Invest Pilo Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bertzon Utilities Corporation - ECM Furnace Motor Pilot Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Benchmarking Pilol Adjustment to 2017 saving:	Verified True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Conservation 11 Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2017 saving:	Verified										N						0%
Data Pilot Adjustment to 2017 saving:	True-up		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Residential Demand 42 Response WI-Fi Thermostat Pilot	Verified																0%
Adjustment to 2017 saving: Kitchener-Wilmot Hydro Inc Pilot - DCKV	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%
	verhed	12															0%

Adjustment to 2017 savings	True-up			Ii.	1		12					0.	00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the Anticultural Sector	Verified						12																				0%
Agricultural Sector Adjustment to 2017 saving:	True-up						12					0.	00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45 Direct Install - Hydronic Adjustment to 2017 savings	Verified True-up						12 12						00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2017 saving:	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%
47 Direct Install - Hydronic (Pilot Savings Adjustment to 2017 saving:	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%
Toronto Hydro-Electric System Limited - 48 Direct Install - RTU Controls (Pilot Savings)	Verified						12																				0%
Adjustment to 2017 saving:	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) Adjustment to 2017 saving:	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 201: Forecast CDM Savings in 201:		3,722,902				 		679	 		 	1,2	4,055	817,770	4,548	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate In 2011 Lost Revenue In 2011 Inco 2011 programs Lost Revenue In 2011 Inco 2012 programs Lost Revenue In 2017 Inco 2013 programs Lost Revenue In 2017 Inco 2015 programs Lost Revenue In 2017 Inco 2015 LRAMVA In 2017 Provide In 2011												5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	00000 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$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	\$0.00000 \$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	\$0.00000 \$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						
2017 Savings Persisting in 2019 2017 Savings Persisting in 2020												99	4.054	818,126 815,710	4,558 4,557	0	0	0	0	0	0	0	0	0	0	0	
Note: LDC to make note of key assumptions in	luded above																										

Table 5-d. 2018 Lost Revenues Work Form		Net Energy Savings (kWh)	Net	Energy Savings	Persistence (kWh)			Net Demand Savings (kW)		Net P	eak Demand	Savings Persi	itence (kW)								Rate Alloca	ations for LRAI	WVA						
Program	Results Status	2018 2019	2020 2021	2022 202	3 2024 2025	2026 2027	Monthly Multiplier	2018		2020 2021	2022	2023 202	4 2025	2026 2027	Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Total
Legacy Framework Residential Program															kWh	kWh	kW	kW	kWh	ĸW	0	0	0	0	0	0	0	0	
 Coupon Initiative Adjustment to 2018 savings 	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
2 Bi-Annual Retailer Event Initiative Adjustment to 2018 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Appliance Retirement Initiative Adjustment to 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%	0%
HVAC Incentives Initiative Adjustment to 2018 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
5 Residential New Construction and Major Adjustment to 2018 savings	Verified True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Commercial & Institutional Program Energy Audit Initiative Adjustment to 2018 saving:	Verified True-up						12 12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement	Verified						12																						0%
Adjustment to 2018 saving: Direct Install Lighting and Water Heating	True-up Verified	[]	11				12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 saving:	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
New Construction and Major Renovation Initiative Adjustment to 2018 saving:	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%
Existing Building Commissioning Incentive Initiative Adjustment to 2018 saving:	Verified True-up						3								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program		·					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%	
Process and Systems Upgrades Initiatives - Project Incentive Initiative Adjustment to 2018 saving:	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%
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified						12																						0%
Adjustment to 2018 savings	True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2018 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Low Income Program Low Income Initiative Adjustment to 2018 saving:	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%
Other <u>15</u> Aboriginal Conservation Program Adjustment to 2018 saving:	Verified [1		: 1		0																						0%
Adjustment to 2018 saving: <u>I6</u> Program Enabled Savings Adjustment to 2018 savings	True-up Verified		1				0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings Conservation Fund Pilot: Conservation Fund Pilot - EnerNOC	True-up		II												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 savings	True-up						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%
Loblaws Pilot Adjustment to 2018 savings	True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot - SEG Adjustment to 2018 saving: Social Renchmarking Pilot	True-up Verified						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Social Benchmarking Pliot Adjustment to 2018 saving: Conservation First Framewori	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%	
Conservation First Framewort Residential Province-Wide Program 15 Save on Energy Coupon Program Adjustment to 2018 saving:	Verified True-up	247,540 199,208	199,208 199,208	8 199,208 199,2	208 199,208 199,20	06 199,206 198,71	5								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Save on Energy Heating and Cooling Program Adjustment to 2018 saving:	Verified																												0%
Adjustment to 2018 saving: Save on Energy New Construction Program	True-up Verified		1												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2018 saving:	True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Adjustment to 2018 saving:	Verified True-up	615 615	615 615	615 615	5 615 615	615 615	-	0	0	0 0	0	0 0	0	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Program Save on Energy Audit Funding Program Adjustment to 2018 saving:	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
B Save on Energy Retrofit Program Adjustment to 2018 saving:	Verified True-up	1,296,143 ########		a aaaaaa aaaa		00 000000 000000	# 12	309	310	310 310	310	305 30	305	305 305	0.00%	15.88%	84.14% 84.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Program Energy Small Business Lighting Program Adjustment to 2018 savings	Verified	56,348 56,348	56,305 56,057	55,608 52,4	87 45,778 38,74	5 23,367 11,985	12	13	13	13 13	13	13 12	10	6 3	0.00%	97.10%	2.90%	2007	0.00 /0	0.00 /		0.007	6.66 A	0.007	0.00 %	0.007	0.00.0		100%
	True-up Verifiert						12								0.00%	97.10%	2.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Save on Energy High Performance New Construction Program Adjustment to 2018 savings	Verified True-up						12								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Existing Building Commissioning Program Adjustment to 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%	0%
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30 Save on Energy Process & Systems Upgrades Program

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| Adjustment to 2018 saving:

 | True-up | È. | | | | | 12 | | | | | | | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
 |
| 31 Save on Energy Monitoring & Targeting
Program
Adjustment to 2018 saving:

 | Verified
True-up | | | | | | 12 | | | | | | | | 0.00%
 | 0.00% | 0.00% | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0%
 |
| 32 Save on Energy Energy Manager Program

 | | | | | | | 12 | | - | | | | | 0.00% | 0.00%
 | 3.00% | 3.00% | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00%
 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
 |
| 32
Adjustment to 2018 savings

 | Verified
True-up | | | | | | 12
12 | | | | | | | 0.00% | 0.00%
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| 33 Business Refrigeration Local Program
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| 34 First Nation Conservation Local Program
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| 35 Social Benchmarking Local Program
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| 37 EnWin Utilities Ltd Building Optimization

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| 38 EnWin Utilities Ltd Re-Invest Pilo
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<u>41</u> Voltage Regulation (CVR) Leveraging AMI

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<u>42</u> Response Wi-Fi Thermostat Pilot

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	Status	2019	2020	2021	2022 2023	2024	2025 21	026 20	127 2028	wangare	2019	2020	2021 20	22 2023	2024	2025	2026 20	27 2028	Residential	GS<50 kW	68 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Total
Legacy Framework Residential Program																			kWh	kWh	kW	kW	kWh	kW	0	0	0	0	0	0	0	0	
 Coupon Initiative Adjustment to 2019 savings 	Verified True-up					<u> </u>													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Bi-Annual Retailer Event Initiative Adjustment to 2019 saving:	Verified True-up									I									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
 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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
4 HVAC Incentives Initiative Adjustment to 2019 saving:	Verified True-up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
<u>5</u> 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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Z Efficiency: Equipment Replacement Incentive Initiative Adjustment to 2019 saving:	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%
8 Direct Install Lighting and Water Heating Initiative	Verified									12																							0%
Adjustment to 2019 saving:	True-up					1				12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
New Construction and Major Renovation 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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
10 Existing Building Commissioning Incentive Initiative Adjustment to 2019 savings	Verified True-up									3									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Industrial Program	тие-ир					.l				3						i			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 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%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Process and Systems Upgrades Initiatives - <u>12</u> Monitoring and Targeting Initiative	Verified									12																							0%
Adjustment to 2019 saving:	True-up					<u> </u>				12									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Adjustment to 2019 saving:	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%
Low Income Program 14 Low Income Initiative Adjustment to 2019 saving:	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%

L.,																																		
15 Aboriginal Conservation Program Adjustment to 2019 saving:	Verified True-up	ed up								0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
16 Program Enabled Savings Adjustment to 2019 savings	Verified True-up	ed								0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation Fund Pilot: 17 Conservation Fund Pilot - EnerNOC Adjustment to 2019 saving:	Verified True-up	ed						1		12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
18 Loblaws Pilot 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%
10 Conservation Fund Pilot - SEG Adjustment to 2019 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%
20 Social Benchmarking Pilot Adjustment to 2019 savings	Verified True-up							1		12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Conservation First Framework	Troe-op	up [t t t t	t-				11		. 12						t				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21 Save on Energy Coupon Program Adjustment to 2019 saving:	Verified True-up	ed up																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
22 Save on Energy Heating and Cooling Program Adjustment to 2019 savings	Verified True-up		3,472 3,472	3,472	3,472 3,47	72 3,47	72 3,472	3,472	3,472 3,47	2	1	1	1	1	1	1	1	1 1	1	100.00%					0.00%		0.00%	0.00%				0.00%	0.00%	100%
23 Save on Energy New Construction Program	Verified			1				1												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Adjustment to 2019 saving:	True-up																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24 Save on Energy Home Assistance Program 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%
Non-Residential Province-Wide Program Save on Energy Audit Funding Program Adjustment to 2019 savings	Verified True-up	ed								12										0.00%			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 Retroft Program Adjustment to 2019 saving:	Verified True-up		84,626 185,164 1	185,164 1	85,164 185,1	164 181,5	599 181,599	181,599	181,549 181,4	12 29 12 12	32	32	32	32	32	31	31	31 31	31	0.00%	13.51% 13.51%	86.49% 86.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Program Adjustment to 2019 savings	Verified		81,207 81,207	81,144	80,787 80,14	40 75,6	641 65,973	55,838	33,675 17,2		21	21	21	21	21	20	19	16 10	6	0.00%	100.00%	00.4979	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
	True-up	up								12										0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2019 savings	Verified True-up	ad up	13,664 83,664	83,664	83,664 83,66	64 83,6	464 83,664	83,664	83,664 83,66	4 12 12	16	16	16	16	16	16	16	16 16	16	0.00%	20.07% 20.07%	79.93% 79.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
20 Save on Energy Existing Building Commissioning Program Adjustment to 2019 saving:	Verified True-up									3												0.00%	0.00%	0.00%	0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Process & Systems Upgrades Program Adjustment to 2019 saving:	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%
upgrades Program Adjustment to 2019 saving:	True-up	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%	
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 Adjustment to 2019 saving:	Verified True-up									12										0.000	0.00%	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%
Local & Regional Program:			13,860 13,860	12 940	10 700 10 0	78 120	010 11 260	0.630	6.747 2.04		0				0	0		0 0		0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
33 Business Refrigeration Local Program Adjustment to 2019 savings	Verified True-up	up	1,000 13,000	13,049	13,766 13,6	10 12,9	10 11,260	9,530	5,747 2,94	0					U			0 0		0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
34 First Nation Conservation Local Program Adjustment to 2019 savings	Verified True-up							<u>†</u>		0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
35 Social Benchmarking Local Program Adjustment to 2019 savings	Verified True-up	up						11		ő										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.2
Pilot Programs Enersource Hydro Mississauga Inc <u>36</u> Performance-Based Conservation Pilot	Verified									12																								0%
Program - Conservation Fund Adjustment to 2019 savings 22 EnWin Utilities Ltd Building Optimization	True-up							1		12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37 EnWin Utilities Ltd Building Optimization 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%
38 EnWin Utilities Ltd Re-Invest Pilo Adjustment to 2019 savings	Verified True-up	ad 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 Motor Pilot 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%
Horizon Utilities Corporation - Social	Verified									12																								0%
Adjustment to 2019 savings	True-up		E					1		12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Hydro Ottawa Limited - Conservation <u>41</u> Voltage Regulation (CVR) Leveraging AMI Data Pilot Adjustment to 2019 saving:	Verified True-up									12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Hydro Ottawa Limited - Residential Demand <u>42</u> Response Wi-Fi Thermostat Pilot	Verified	ed																																0%
Adjustment to 2019 savings	True-up	up						<u>.</u>												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43 Kitchener-Wilmot Hydro Inc Pilot - DCKV 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%
Niagara-on-the-Lake Hydro Inc Direct 44 Install Energy Efficiency Measures for the	Verified	ed								12																								0%
Agricultural Sector Adjustment to 2019 saving:	True-up							<u>.</u>		12										0.00%	0.00%	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 Dakville Hydro Electricity Distribution Inc Direct Install - Hydronic 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%
48 Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls Adjustment to 2019 saving:	Verified True-up			ļ						12								ļ		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.000	0.00%	0.00%	0.00%	0.00%	0%
Toronto Hydro-Electric System Limited -	Verified			1						12										0.00%	0.00%	3.00%	0.0070	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
42 Direct Install - Hydronic (Pilot Savinos Adjustment to 2019 savings Toronto Hydro-Electric System Limited -	True-up	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 - 48 Direct Install - RTU Controls (Pilot Savings) Adjustment to 2019 savings	Verified	ed								12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
40 Proto Hydro-Electric System Limited - PPF Large (Pilot Savinos) Adjustment to 2019 saving:	Verified	ed b		1						12																								0%
Actual CDM Savings in 201!	True-up		66,828							12	70			1						0.00%	0.00%	480	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
Forecast CDM Savings in 2011 Distribution Rate in 2015 Lost Revenue in 2019 from 2011 programs								1												3,472 791,837 \$0.00110	136,801 1,101,949 \$0.01170	480 4,832 \$2.31250	0 \$1.57160	0 \$0.00570	0 \$11.49050	9 \$0.00000	0 \$0.00000	0 \$0.00000	0 \$0.00000	0 \$0.00000	0 \$0.00000	9 \$0.00000	9 \$0.00000	1
Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs																				\$155.10 \$86.03 \$103.65	\$1,440.31 \$2,875.82 \$2,957.92	\$1,552.55 \$1,421.04 \$3,240.59	\$0.00 \$0.00 \$0.00	\$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$3,147.97 \$4,382.90 \$6.302.16
Lost Revenue in 2019 from 2011 programs Lost Revenue in 2019 from 2012 programs Lost Revenue in 2019 from 2013 programs Lost Revenue in 2019 from 2014 programs Lost Revenue in 2019 from 2016 programs Lost Revenue in 2019 from 2016 programs																				\$0.00110 \$155.10 \$86.03 \$103.65 \$281.29 \$356.82 \$1,212.66	\$2,957.92 \$5,858.25 \$5,414.85 \$8,077.45	\$3,240.59 \$2,879.40 \$7,335.15 \$9,730.37	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$11,49050 \$0.00 \$0.00 \$0.00 \$0.00 \$10,754.30 \$1,340,71	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$8,816.93 \$23,861.13 \$20,361.19
Lost Revenue in 2019 from 2017 programs Lost Revenue in 2019 from 2018 programs Lost Revenue in 2019 from 2019 programs																				\$1,093.46 \$219.80	\$0,572.08 \$3,262.80 \$1,600.57 \$40,858.04 \$12,892.80	\$10,539.74 \$7,237.35 \$1,110.60	\$1.57160 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$12,095.01 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$21,205.28 \$10,719.96 \$2,714.99
Total Lost Revenues in 2019 Forecast Lost Revenues in 2019 LRAMVA in 2015																				\$3.82 \$3,512.64 \$871.02	\$40,858.04 \$12,892.80	\$45,046.81 \$11,174.00	\$0.00 \$0.00	\$0.00 \$0.00	\$12,095.01 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$3,147.97 \$4,382.90 \$6,302.16 \$8,816.93 \$23,861.13 \$20,381.19 \$21,205.28 \$10,719.36 \$2,714.99 \$101,512.51 \$24,937.82 \$76,574.68
2019 Savings Persisting in 2020 Note: LDC to make note of key assumptions includ	fed abree	at and																		3,472	136,874	481	0	0	0	0	0	0	0	0	0	0	0	

Net Energy Savings (kWh) Net Energy Savings Persistence (kWh) Net Demand Savings (kW) Net Peak Demand Savings Persistence (kW)

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Ontario Energy Board

LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

User Inputs (Green) Legend

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 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. Instructions

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.

Table 6. Prescribed Interest Rates

Table 6-a. Calculation of Carrying Costs by Rate Class Go to Tab 1: Summary

Quarter	Approved Deferral & Variance Accounts	Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50 - 4,999 kW	Large Use	Unmetered	Steet Lights									Total
2011 Q1	1.47%	Jan-11	2011	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q2	1.47%	Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2011 Q3 2011 Q4	1.47%	Mar-11 Apr-11	2011 2011	Q1 Q2	0.12%	\$0.00	\$0.00 \$0.00													
2011 Q4 2012 Q1	1.47%	May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q2	1.47%	Jun-11	2011	Q2	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q3	1.47%	Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2012 Q4	1.47%	Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2013 Q1	1.47%	Sep-11	2011	Q3	0.12%	\$0.00	\$0.00		\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00						
2013 Q2 2013 Q3	1.47%	Oct-11 Nov-11	2011 2011	Q4 Q4	0.12%	\$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00
2013 Q3	1.47%	Dec-11	2011	Q4 Q4	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q1	1.47%	Total for 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q2	1.47%	Amount Clearer																		
2014 Q3	1.47%	Opening Balar				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2014 Q4 2015 Q1	1.47%	Jan-12 Feb-12	2011-2012 2011-2012	Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00											
2015 Q1	1.47 %	Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q3	1.10%	Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2015 Q4	1.10%	May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q1	1.10%	Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q2	1.10%	Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2016 Q3 2016 Q4	1.10%	Aug-12 Sep-12	2011-2012 2011-2012	Q3 Q3	0.12%	\$0.00	\$0.00 \$0.00													
2017 Q1	1 10%	Oct-12	2011-2012	04	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q2	1.10%	Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q3	1.10%	Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2017 Q4	1.50%	Total for 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2018 Q1	1.50%	Amount Clearer						60.00			*****				*****	60 00		** **	*** ***	
2018 Q2 2018 Q3	1.89%	Opening Balar Jan-13	2011-2013	Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00											
2018 Q4	2.17%	Feb-13	2011-2013	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q1	2.45%	Mar-13	2011-2013	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q2	2.18%	Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q3	2.18%	May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2019 Q4 2020 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										
2020 Q1	2.10%	Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q3	0.57%	Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2020 Q4	0.57%	Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q1		Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2021 Q2 2021 Q3		Dec-13 Total for 2013	2011-2013	Q4	0.12%	\$0.00 \$0.00														
2021 Q3		Amount Clearer				\$0.00	30.00	\$0.00	30.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	\$0.00	\$0.00	\$0.00	\$0.00	30.00	30.00
2022 Q1		Opening Balar				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q2		Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q3		Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 Q4 2023 Q1		Mar-14 Apr-14	2011-2014 2011-2014	Q1 Q2	0.12%	\$0.00	\$0.00 \$0.00		\$0.00 \$0.00											
2023 Q1		May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q3		Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2023 Q4		Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Q1		Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2024 Q2 2024 Q3		Sep-14 Oct-14	2011-2014 2011-2014	Q3 Q4	0.12%	\$0.00	\$0.00 \$0.00		\$0.00	\$0.00 \$0.00										
2024 Q3 2024 Q4		Nov-14	2011-2014	Q4 Q4	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q1		Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q2		Total for 2014				\$0.00			\$0.00				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2025 Q3		Amount Clearer							-											
2025 Q4		Opening Balar				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Jan-15 Feb-15	2011-2015 2011-2015	Q1 Q1	0.12%	\$0.00	\$0.00 \$0.00													
Theck OEB website		Mar-15	2011-2015	Q1	0.12%	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Succa OLD WEDSILE		Apr-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
		May-15	2011-2015	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Jun-15	2011-2015	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

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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	\$0.00
Aug-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-15	2011-2015	Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-15 Nov-15	2011-2015	Q4 Q4	0.09%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00
Dec-15	2011-2015	Q4 Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-16	2011-2016	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-16 Apr-16	2011-2016 2011-2016	Q1 Q2	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00							
May-16	2011-2016	Q2 Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-16	2011-2016	Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-16	2011-2016 2011-2016	Q3 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Aug-16 Sep-16	2011-2016	03	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-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
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 \$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							
Amount Cleared	d						10.00				, iiii	,		4.1.2		1		
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-17 Feb-17	2011-2017 2011-2017	Q1 Q1	0.09%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00
Mar-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$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-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
Sep-17 Oct-17	2011-2017 2011-2017	Q3 Q4	0.09%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00								
Nov-17	2011-2017	Q4 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
Feb-18 Mar-18	2011-2018 2011-2018	Q1 Q1	0.13%	\$1.27 \$2.55	\$2.62 \$5.25	\$4.14 \$8.27	\$0.00 \$0.00	\$0.00 \$0.00	\$3.36 \$6.71	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$11.39 \$22.78
Apr-18	2011-2018	Q2	0.16%	\$2.55	\$9.92	\$15.63	\$0.00	\$0.00	\$12.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.05
May-18	2011-2018	Q2	0.16%	\$6.41	\$13.23	\$20.84	\$0.00	\$0.00	\$16.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57.40
Jun-18 Jul-18	2011-2018	Q2 Q3	0.16%	\$8.02 \$9.62	\$16.53 \$19.84	\$26.06 \$31.27	\$0.00 \$0.00	\$0.00 \$0.00	\$21.14 \$25.37	\$0.00 \$0.00	\$71.74 \$86.09							
Aug-18	2011-2018 2011-2018	03	0.16%	\$9.62	\$19.84	\$31.27	\$0.00	\$0.00	\$25.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.44
Sep-18	2011-2018	Q3	0.16%	\$12.83	\$26.45	\$41.69	\$0.00	\$0.00	\$33.82		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$114.79
Oct-18	2011-2018 2011-2018	Q4 Q4	0.18%	\$16.57 \$18.41	\$34.17 \$37.96	\$53.85 \$59.83	\$0.00 \$0.00	\$0.00 \$0.00	\$43.69 \$48.54	\$0.00 \$0.00	\$148.27 \$164.75							
Nov-18 Dec-18	2011-2018	Q4 Q4	0.18%	\$18.41 \$20.25	\$41.76	\$59.83	\$0.00	\$0.00	\$48.54 \$53.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$164.75
Total for 2018				\$111.96	\$230.87	\$363.88	\$0.00	\$0.00	\$295.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,001.92
Amount Cleared				61111 000	£000 07	6 000 00			6005 04	<u> </u>	<u> </u>	60.00	<u> </u>	* **		60 00		A4 004 00
Opening Balan Jan-19	2011-2019	Q1	0.20%	\$111.96 \$24.94	\$230.87 \$51.43	\$363.88 \$81.06	\$0.00 \$0.00	\$0.00 \$0.00	\$295.21 \$65.77	\$0.00 \$0.00	\$1,001.92 \$223.20							
Feb-19	2011-2019	Q1	0.20%	\$25.39	\$56.19	\$86.83	\$0.00	\$0.00	\$67.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$236.23
Mar-19	2011-2019	Q1 Q2	0.20%	\$25.84 \$23.39	\$60.95 \$58.47	\$92.59 \$87.51	\$0.00 \$0.00	\$0.00 \$0.00	\$69.88 \$64.01	\$0.00 \$0.00	\$249.26 \$233.38							
Apr-19 May-19	2011-2019 2011-2019	Q2 Q2	0.18%	\$23.39	\$62.70	\$92.64	\$0.00	\$0.00	\$65.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$233.38
Jun-19	2011-2019	Q2	0.18%	\$24.19	\$66.93	\$97.77	\$0.00	\$0.00	\$67.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$256.57
Jul-19	2011-2019 2011-2019	Q3 Q3	0.18%	\$24.59 \$24.99	\$71.17 \$75.40	\$102.90 \$108.03	\$0.00	\$0.00	\$69.50 \$71.34	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$268.16 \$279.75
Aug-19 Sep-19	2011-2019	Q3	0.18%	\$24.99 \$25.39	\$79.63	\$108.03	\$0.00	\$0.00	\$71.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$279.75
Oct-19	2011-2019	Q4	0.18%	\$25.79	\$83.87	\$118.28	\$0.00	\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$302.94
Nov-19 Dec-19	2011-2019 2011-2019	Q4 Q4	0.18%	\$26.19 \$26.59	\$88.10 \$92.34	\$123.41 \$128.54	\$0.00 \$0.00	\$0.00 \$0.00	\$76.83 \$78.66	\$0.00 \$0.00	\$314.53 \$326.12							
Total for 2019	2011-2019	~	0.1070	\$413.06	\$1,078.06	\$1,596.59	\$0.00	\$0.00	\$1,140.71		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$4,228.41
Amount Cleared																		
Opening Balan .lan-20	2011-2020	01	0.18%	\$413.06 \$26.99	\$1,078.06 \$96.57	\$1,596.59 \$133.67	\$0.00 \$0.00	\$0.00 \$0.00	\$1,140.71 \$80.49	\$0.00 \$0.00	\$4,228.41 \$337.72							
Feb-20	2011-2020	Q1	0.18%	\$26.99	\$96.57	\$133.67	\$0.00	\$0.00	\$80.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$337.72
Mar-20	2011-2020	Q1	0.18%	\$26.99	\$96.57	\$133.67	\$0.00	\$0.00	\$80.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$337.72
Apr-20 May-20	2011-2020 2011-2020	Q2 Q2	0.18%	\$26.99 \$26.99	\$96.57 \$96.57	\$133.67 \$133.67	\$0.00 \$0.00	\$0.00 \$0.00	\$80.49	\$0.00 \$0.00	\$337.72 \$337.72							
Jun-20	2011-2020 2011-2020	Q2 Q2	0.18%	\$26.99	\$96.57	\$133.67	\$0.00	\$0.00	\$80.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$337.72
Jul-20	2011-2020	Q3	0.05%	\$7.06	\$25.25	\$34.95	\$0.00	\$0.00	\$21.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$88.30
Aug-20	2011-2020	Q3 Q3	0.05%	\$7.06	\$25.25 \$25.25	\$34.95	\$0.00 \$0.00	\$0.00 \$0.00	\$21.05	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$88.30 \$88.30
Sep-20 Oct-20	2011-2020 2011-2020	Q3 Q4	0.05%	\$7.06 \$7.06	\$25.25 \$25.25	\$34.95 \$34.95	\$0.00	\$0.00	\$21.05 \$21.05	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$88.30
Nov-20	2011-2020	Q4	0.05%	\$7.06	\$25.25	\$34.95	\$0.00	\$0.00	\$21.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$88.30
Dec-20	2011-2020	Q4	0.05%	\$7.06 \$617.35	\$25.25 \$1.808.97	\$34.95 \$2.608.28	\$0.00 \$0.00	\$0.00 \$0.00	\$21.05		\$0.00 \$0.00	\$88.30						
Total for 2020 Amount Cleared	d			\$617.35	\$1,808.97	\$2,608.28	ຈປ.00	ຈບ.00	\$1,749.93	\$U.U0	\$U.U0	\$0.00	\$0.00	ຈູບ.00	\$U.UU	şu.00	\$U.U0	\$6,784.53
Opening Balan				\$617.35	\$1,808.97	\$2,608.28	\$0.00	\$0.00	\$1,749.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,784.53
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LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

Legend User Inputs (Green)

Instructions

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

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

Table 8-a: Name of Muncipality

Summary of Project #1

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

Details of Project #1 (Month, Year)

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

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

Post-conversion billing demand

Niagara-on-the-Lake Hydro Inc. EB-2020-0042 Manager's Summary Page **39** of **44** Filed October 2020

1 Appendix 5 – NOTLH Tariff Sheet - May 1, 2020 - Vary Order

2



VARY ORDER EB-2019-0056

NIAGARA-ON-THE-LAKE HYDRO INC.

Order Varying the Decision and Order issued on April 16, 2020

Application for rates and other charges to be effective May 1, 2020

By Delegation, Before: Pascale Duguay

April 28, 2020

INTRODUCTION AND SUMMARY

The Ontario Energy Board (OEB) has, on its own motion, pursuant to section 41 of the OEB's *Rules of Practice and Procedure,* decided to review and vary its Decision and Rate Order in this proceeding issued on April 16, 2020 (Decision).

The Decision approved the incentive rate-setting mechanism application filed by Niagara-on-the-Lake Hydro Inc. for new rates effective May 1, 2020. In light of the uncertainty regarding the severity and duration of the COVID-19 emergency, the Decision also granted Niagara-on-the-Lake Hydro Inc. the option to postpone implementation of its new rates until November 1, 2020.

On April 23, 2020, Niagara-on-the-Lake Hydro Inc. filed a letter with the OEB, advising that the utility intends to implement the Tariff of Rates and Charges set out in Schedule A of the Decision effective May 1, 2020 with the exception of the new Service Charges and Distribution Volumetric Rates. Niagara-on-the-Lake Hydro Inc. stated the following:

Please note, NOTL Hydro does not plan on implementing the revised Service Charges and Distribution Volumetric Rate on May 1, 2020. NOTL Hydro will continue to charge the existing rates, which are lower, and the new rates will be implemented on a later date to be determined by the Board of NOTL Hydro. NOTL Hydro does not plan on recording the lost revenue from the delay in implementing these new rates to the variance account 1509. That cost will be borne by the shareholder.

THE PROCESS

The OEB has decided, pursuant to sections 6(4) and 21(4) of the *Ontario Energy Board Act, 1998,* to review and vary the Decision and Rate Order without a hearing as no person will be adversely impacted by the outcome of this proceeding.

OEB FINDINGS

The OEB finds that Niagara-on-the-Lake Hydro Inc.'s proposal is in the public interest. It is necessary to vary the Decision such that Niagara-on-the-Lake Hydro Inc. shall be authorized to postpone the implementation of its new distribution base rates (Service Charges and Distribution Volumetric Rates) until a later date. Given that the cost will be borne by the shareholder, the utility is not required to record the forgone revenue from the delay in implementing these new rates to the variance account 1509. With this Vary Order, the OEB is also issuing a revised Tariff of Rates and Charges.

THE ONTARIO ENERGY BOARD ORDERS THAT:

- 1. The Decision and Rate Order in EB-2019-0056, issued April 16, 2020, is varied such that paragraphs 1 through 5 of the Order section are replaced, in their entirety, with the following:
 - 1. The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective May 1, 2020 for electricity consumed or estimated to have been consumed on and after such date.
 - In light of the COVID-19 emergency, Niagara-on-the-Lake Hydro Inc. may postpone implementation of the portion of the Tariff of Rates and Charges relating to Service Charges and Distribution Volumetric Rates, to a later date to be determined by the utility; and, until such time, Niagara-on-the-Lake Hydro Inc. shall continue to charge current (2019) Service Charges and Distribution Volumetric Rates.
 - Niagara-on-the-Lake Hydro Inc. is not required to record any temporarily forgone distribution revenue associated with the postponement, referred to in paragraph 2, in Account 1509 - Impacts Arising from the COVID-19 Emergency, Subaccount Lost Revenues, given that the utility's customers will not bear the cost of the postponement.
 - 4. Niagara-on-the-Lake Hydro Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new final rates.
 - 5. Niagara-on-the-Lake Hydro Inc. shall notify the OEB 14 days prior to implementing the portion of the Tariff of Rates and Charges relating to Service Charges and Distribution Volumetric Rates Service.
- 2. The Decision and Rate Order in EB-2019-0056, issued April 16, 2020, is varied such that the Tariff of Rates and Charges attached thereto as Schedule A, is replaced in its entirety with the updated Tariff of Rates and Charges set out in Schedule A, attached hereto.

DATED at Toronto April 28, 2020

ONTARIO ENERGY BOARD

Original Signed By

Christine E. Long Registrar and Board Secretary Schedule A To Decision and Rate Order Tariff of Rates and Charges OEB File No: EB-2019-0056 DATED: April 28, 2020

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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	\$	28.74
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh \$/kWh	0.0023
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0003
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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	\$	39.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0117
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined 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 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	\$	281.65
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1645
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.9048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2861

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

LARGE USE SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW. 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 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	\$	3,692.18
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1555
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2861

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer) \$ 21.	
Distribution Volumetric Rate \$/kWh 0.00	054
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 \$/kWh 0.00 Applicable only for Non-RPP Customers \$/kWh 0.00 Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021 \$/kWh 0.00	
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021 \$/kWh 0.00	
Retail Transmission Rate - Network Service Rate \$/kWh 0.00	071
Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kWh 0.00	016

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established by an approved Ontario Energy Board process. 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)	\$	7.85
Distribution Volumetric Rate	\$/kW	1.8891
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh \$/kW	0.0023 0.1436
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021 Retail Transmission Rate - Network Service Rate	\$/kW \$/kW	13.1960 2.1903
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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It should be noted that this schedule does not list any changes, 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

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

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

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00
Non-Payment of Account		
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00
Other		
Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

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) Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the	\$	4.08
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	1.0373
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0275
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Niagara-on-the-Lake Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2020

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

EB-2019-0056

NOTES

1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss-adjusted demand supplied form the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capadity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

- 1 Appendix 6 NOTLH Tariff Sheet Implemented November 1,
- 2 2020 Decision and Order

3



DECISION AND RATE ORDER EB-2019-0056

NIAGARA-ON-THE-LAKE HYDRO INC.

Application for rates and other charges to be effective May 1, 2020

By Delegation, Before: Pascale Duguay

April 16, 2020

1 INTRODUCTION AND SUMMARY

Through this Decision and Rate Order, the Ontario Energy Board (OEB) approves the incentive rate-setting mechanism (IRM) application filed by Niagara-on-the-Lake Hydro Inc. (Niagara-on-the-Lake Hydro) for new rates effective May 1, 2020.

Niagara-on-the-Lake Hydro serves approximately 9,300 mostly residential and commercial electricity customers in the Town of Niagara-on-the-Lake. The company is seeking the OEB's approval for the rates it charges to distribute electricity to its customers, as is required of licensed and rate-regulated distributors in Ontario.

A distributor may choose one of three rate-setting methodologies approved by the OEB. Each of these is explained in the <u>Handbook for Utility Rate Applications</u>.

Niagara-on-the-Lake Hydro's application is based on a Price Cap Incentive Rate-setting option (Price Cap IR), with a five-year term. The Price Cap IR option involves the setting of rates through a cost of service application in the first year. Mechanistic price cap adjustments, based on inflation and the OEB's assessment of the distributor's efficiency, are typically then approved through IRM applications in each of the ensuing four (adjustment) years.

As a result of the OEB's findings in this Decision, there will be a monthly total bill increase of \$2.12 before taxes and the Ontario Electricity Rebate¹ for a residential customer consuming 750 kWh, effective May 1, 2020.

2 THE PROCESS

This Decision is being issued by delegated authority, without a hearing, under section 6 of the *Ontario Energy Board Act, 1998* (the OEB Act).

The OEB follows a standardized and streamlined process for hearing IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR term, the OEB prepares a Rate Generator Model that includes, as a placeholder, information from the distributor's past proceedings and annual reporting requirements.² A distributor will then review and complete the Rate Generator Model, and include it with its application.

¹ O. Reg 363/16, s. 3, effective November 1, 2019

² The Rate Generator Model is a Microsoft Excel workbook that is used to update base rates, retail transmission service rates and, if applicable, shared tax saving adjustments. It also calculates rate riders for the disposition of deferral and variance account balances. During the course of an IRM proceeding, the Rate Generator Model may be updated in order to make any necessary corrections, or to incorporate new rate-setting parameters as they become available.

Niagara-on-the-Lake Hydro filed its application on October 8, 2019 under section 78 of the OEB Act and in accordance with the Chapter 3 of the OEB's *Filing Requirements for Incentive Rate-Setting Applications* (Filing Requirements) and <u>Addendum to Filing</u> *Requirements for Electricity Distribution Rate Applications*.

The application was supported by pre-filed written evidence and a completed Rate Generator Model. During the course of the proceeding, the applicant responded to OEB staff questions through emails and phone calls and, where required, updated and clarified the evidence.

3 ORGANIZATION OF THE DECISION

In this Decision, the OEB addresses the following issues, and provides reasons for approving or denying Niagara-on-the-Lake Hydro's proposals relating to each of them:

- Price Cap Adjustment
- Revenue-to-Cost Ratio Adjustments
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts

In the final section, the OEB addresses the steps to implement the final rates that flow from this Decision.

This Decision does not address rates and charges approved by the OEB in previous proceedings, which are not part of the scope of an IRM proceeding (such as specific service charges³ and loss factors). No further approvals are required to continue to include these items on a distributor's Tariff of Rates and Charges.

4 PRICE CAP ADJUSTMENT

Niagara-on-the-Lake Hydro seeks to increase its rates, effective May 1, 2020, based on a mechanistic rate adjustment using the OEB-approved *inflation minus X-factor* formula applicable to Price Cap IR applications.

³ Specific service charges have been amended by the OEB through: the Report of the OEB – "Wireline Pole Attachment Charges", EB-2015-0304, Issued March 22, 2018; and, the Decision and Order on Energy Retail Service Charges EB-2015-0304, Issued on February 14, 2019. Certain Service Charges are subject to annual inflationary adjustments to be determined by the OEB through a generic order. The Decision and Order EB-2019-0280 issued November 28, 2019 for energy retailer service charges, and the cover letter dated November 28, 2019 "Inflation Adjustment for Energy Retailer Service Charges (EB-2019-0280) and Wireline Pole Attachment Charge (EB-2015-0304) for Electricity Distributors", established the adjustments effective January 1, 2020.

The components of the Price Cap IR adjustment formula applicable to Niagara-on-the-Lake Hydro are set out in Table 4.1, below. Inserting these components into the formula results in a 1.70% increase to Niagara-on-the-Lake Hydro's rates: 1.70% = 2.00% - (0.00% + 0.30%).

	Components	Amount
Inflation Factor ⁴		2.00%
X-Factor	Productivity ⁵	0.00%
	Stretch (0.00% – 0.60%) ⁶	0.30%

Table 4.1: Price Cap IR Adjustment Formula

The inflation factor of 2.00% applies to all Price Cap IR applications for the 2020 rate year.

The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that will vary among different groupings of distributors. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors with a tangible incentive to improve efficiency or else experience declining net income.

The productivity component of the X-factor is based on industry conditions over a historical study period and applies to all Price Cap IR and Annual IR Index applications for the 2020 rate year.

The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, each within a range from 0.00% to 0.60%. The stretch factor assigned to any particular distributor is based on the distributor's total cost performance as benchmarked against other distributors in Ontario. The most efficient distributor would be assigned the lowest stretch factor of 0.00%. Conversely, a higher stretch factor would be applied to a less efficient distributor (in accordance with its cost

⁴ For the 2020 Inflation Factor, see Ontario Energy Board 2020 Electricity Distribution Rate applications webpage - October 31, 2019.

⁵ Report of the OEB – "Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors", EB-2010-0379, Issued November 21, 2013, corrected December 4, 2013

⁶ The stretch factor groupings are based on the Report to the Ontario Energy Board – "Empirical Research in Support of Incentive Rate-Setting: 2018 Benchmarking Update", prepared by Pacific Economics Group LLC., August 15, 2019.

performance relative to expected levels) to reflect the incremental productivity gains that the distributor is expected to achieve. The stretch factor assigned to Niagara-on-the-Lake Hydro is 0.30%.

Findings

The OEB finds that Niagara-on-the-Lake Hydro's request for a 1.70% rate adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Niagara-on-the-Lake Hydro's new rates shall be effective May 1, 2020.

The adjustment applies to distribution rates (fixed and variable) uniformly across all customer classes.⁷

5 REVENUE-TO-COST RATIO ADJUSTMENTS

A revenue-to-cost ratio measures the relationship between the revenues that a distributor expects to receive from a class of customers and the level of costs allocated to that class. Generally, an increase to the revenue-to-cost ratio of one rate class will result in a decrease to the ratio of one or more of the other rate classes. A distributor may seek to adjust its revenue-to-cost ratios during an IRM term, in accordance with OEB-established target ranges, if the adjustment was approved by the OEB in a previous proceeding.⁸

In this proceeding, Niagara-on-the-Lake Hydro proposes an increase to the revenue-tocost ratios for the Residential service classification. The additional revenues from these adjustments would be used to reduce the revenue-to-cost ratios for the Street Lighting service classification. These adjustments are to implement a previous decision from the OEB.⁹

Table 5.1, below, outlines the revenue-to-cost ratios for which the applicant seeks approval for the 2020 rate year.

⁷ Price Cap IR and Annual IR Index adjustments do not apply to the following rates and charges: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, smart metering entity charge, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.

⁸ Report of the OEB – "Application of Cost Allocation for Electricity Distributors", EB-2007-0667, November 28, 2007; and, Report of the Board – "Review of Electricity Distribution Cost Allocation Policy", EB-2010-0219, March 31, 2011

⁹ EB-2018-0056, Decision and Order, April 11, 2019

Rate Classification	2019 Ratio (%)	Proposed 2020 Ratio (%)
Residential	91.06	91.57
General Service Less Than 50 kW	109.91	109.91
General Service 50 to 4,999 kW	116.81	116.81
Large Use	100.00	100.00
Unmetered Scattered Load	114.68	114.68
Street Lighting	130.00	120.00

Table 5.1: Revenue-to-Cost Ratios

Findings

The OEB agrees that the proposed adjustments for the 2020 rate year are consistent with the OEB's findings in its decision for Niagara-on-the-Lake Hydro's 2019 rates. Niagara-on-the-Lake Hydro's revenue-to-cost ratios are approved, as set out in Table 5.1 above.

6 RETAIL TRANSMISSION SERVICE RATES

Distributors charge retail transmission service rates (RTSRs) to their customers in order to recover the amounts they pay to a transmitter, a host distributor, or both, for transmission services. All transmitters charge Uniform Transmission Rates (UTRs) to distributors connected to the transmission system. Host distributors charge host-RTSRs to distributors embedded within the host's distribution system. Each of these rates are OEB-approved.

Niagara-on-the-Lake Hydro is transmission connected and is requesting approval to adjust the RTSRs that it charges its customers to reflect the currently approved rates that it pays for transmission services included in Table 6.1.

Table 6.1: UTRs¹⁰

UTRs (2020)	per kW
Network Service Rate	\$3.92
Connection Service Rates	
Line Connection Service Rate	\$0.97

Findings

Niagara-on-the-Lake Hydro's proposed adjustment to its RTSRs is approved. The RTSRs were adjusted based on the interim 2020 UTRs, which were incorporated into the rate model to adjust the RTSRs that Niagara-on-the-Lake Hydro will charge its customers.

Any differences resulting from the approval of final 2020 UTRs will be captured in Accounts RSVA – Retail Transmission Network charge 1584 and Retail Transmission Connection charge 1586.

7 GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts in order to determine whether their total balance should be disposed.¹¹ OEB policy requires that Group 1 accounts be disposed if they exceed (as a debit or credit) a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed.¹² If the balance does not exceed the threshold, a distributor may elect to request disposition.

The 2018 actual year-end total balance for Niagara-on-the-Lake Hydro's Group 1 accounts including interest projected to April 30, 2020 is a debit of \$300,641. This amount represents a total debit claim of \$0.0013 per kWh, which exceeds the disposition threshold. Niagara-on-the-Lake Hydro has requested disposition of this debit amount over a one- year period.

¹⁰ EB-2019-0296, Decision and Interim Rate Order, December 19, 2019

¹¹ Group 1 accounts track the differences between the costs that a distributor is billed for certain IESO and host distributor services (including the cost of power) and the associated revenues that the distributor receives from its customers for these services. The total net difference between these costs and revenues is disposed to customers through a temporary charge or credit known as a rate rider. ¹² Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

a) Global Adjustment Variance Account

One of the components of the commodity costs billed by the Independent Electricity System Operator (IESO), which is included in Group 1 accounts, is the Global Adjustment (GA).¹³

Different customer groups pay the GA in different ways:

- For Regulated Price Plan (RPP) customers, the GA is incorporated into the standard commodity rates customers pay. Therefore, there is no separate variance account for the GA.
- "Class A" customers are allocated GA costs based on the percentage their demand contributes to the top five Ontario system peaks. As distributors settle with Class A customers based on actual GA costs, there is no resulting variance.
- "Class B" non-RPP customers are billed GA based on the electricity they consume in a month at the IESO published GA price. Distributors track any difference between the billed amounts and actual costs for these customers in the GA Variance Account for disposal, once audited.

Under the general principle of cost causality, customer groups that cause variances which are recorded in Group 1 accounts should be responsible for paying (or receiving credits) for their disposal. A customer's movement from one group to another should not prevent that customer from paying/receiving a debit/credit balance.

Niagara-on-the-Lake Hydro proposes the recovery of its GA variance account balance of \$218,596 as at December 31, 2018, including interest to April 30, 2020, in accordance with the following table.

¹³ The GA is established monthly by the IESO to reflect the difference between the wholesale market price for electricity and regulated rates for:

[•] Ontario Power Generation's nuclear and hydroelectric generating stations

[•] payments for building or refurbishing infrastructure such as gas-fired and renewable facilities and other nuclear

[•] contracted rates paid to a number of generators across the province

[•] the cost of delivering conservation programs

Proposed Amounts	Proposed Method for Recovery
\$190,842 recovered from customers who were Class B for the entire period from January 2018 to December 2018	per kWh rate rider
\$20,886 recovered from customers formerly in Class B during the period January 2018 to June 2018 who were reclassified to Class A	12 equal installments ¹⁴
\$6,869 recovered from customers formerly in Class A during the period January 2018 to June 2018 who were reclassified to Class B	12 equal installments ¹⁵

b) Capacity Based Recovery Class B Sub-account

The balance of the Group 1 accounts includes the Capacity Based Recovery (CBR) sub-account for Class B customers of \$6,804, relating to the IESO's wholesale energy market for the CBR program. Niagara-on-the-Lake Hydro had Class A customers during the period from January 2018 to December 2018 but the CBR Class B rate riders calculated rounded to zero at the fourth decimal place in one or more of the rate classes. In this event, the entire Account 1580 sub-account CBR Class B is added to the Account 1580 – Wholesale Market Service Charge control account to be disposed through the general purpose Group 1 Deferral and Variance Account.

c) Group 1 Accounts

The Group 1 accounts being sought for disposition (excluding global adjustment) include the following flow through variance accounts: Smart Meter Entity Charges, Wholesale Market Service Charges, Retail Transmission Service Charges, and Commodity Power Charges. These Group 1 accounts have a total debit balance of \$82,045, which results in a charge to customers. This balance combined with the balance for the global adjustment account results in the total debit balance for Group 1 accounts of \$300,641.

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.¹⁶ Niagara-on-the-

^{14 2020} IRM Rate Generator Model, Tab 6.1a "GA Allocation"

¹⁵ *Ibid*.

¹⁶ Electricity Reporting and Record Keeping Requirements, Version dated May 3, 2016

Lake Hydro further submits that its proposal for a one-year disposition period is in accordance with the OEB's policy.¹⁷

In 2018, the OEB suspended its approvals of Group 1 rate riders on a final basis pending the development of further accounting guidance on commodity pass-through variance accounts.¹⁸ The OEB issued accounting guidance¹⁹ on the commodity accounts on February 21, 2019. In this letter, the OEB indicated that it expects distributors to consider the accounting guidance in the context of historical balances that have not yet been disposed on a final basis. Distributors are expected to make any adjustments needed prior to filing for final disposition.

In its 2019 rate application, Niagara-on-the-Lake Hydro received approval to dispose of 2017 Group 1 balances on an interim basis. Niagara-on-the-Lake Hydro has reviewed the 2017 balances and the 2018 balances in the context of the new accounting guidance and stated that it is confident that there are no systemic issues in its RPP settlement and related accounting processes. As a result, Niagara-on-the-Lake Hydro has requested final disposition of its 2017 and 2018 balances.

Niagara-on-the-Lake Hydro indicated that it has implemented the new accounting guidance for the July 2019 settlement with the IESO and has trued-up amounts in Account 1588 RSVA - Power and Account 1589 RSVA - Global Adjustment consistent with the new accounting guidance, retroactive to January 1, 2019.²⁰

The new accounting guidance uses "Approach A" to record journal entries related to IESO charge types 148 and 1142/142. Niagara-on-the-Lake Hydro stated it is using "Approach B" to record the journal entries. Niagara-on-the-Lake Hydro confirmed that while the end result is the same under both approaches, "Approach B" provides the best estimates and, therefore, reduces the magnitude of the true-ups required.²¹

Findings

The OEB approves the disposition of a debit balance of \$300,641 as of December 31, 2018, including interest projected to April 30, 2020 for Group 1 accounts on a final basis.

¹⁷ Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)", EB-2008-0046, July 31, 2009

 ¹⁸ OEB letter to all rate-regulated licensed electricity distributors – "Re: OEB's Plan to Standardize Processes to Improve Accuracy of Commodity Pass-Through Variance Accounts", July 20, 2018
 ¹⁹ Accounting Procedures Handbook Update – Accounting Guidance Related to Commodity Pass-Through Accounts 1588 & 1589, February 21, 2019

²⁰ OEB Staff Follow-Up Question #7, December 9, 2019

²¹ OEB Staff Question #4, and OEB Staff Follow-Up Question #1, December 9, 2019

The OEB notes that Niagara-on-the-Lake Hydro has used "Approach B" to record journal entries relate to IESO charge type 148 and 1142/142 instead of "Approach A", noting that "Approach B" provides the best estimates. The OEB is of the view that the use of Approach A and B should yield the same results for Accounts 1588 RSVA - Power and Account 1589 RSVA – Global Adjustment. In the past, the OEB has noted the importance of standardizing the accounting procedures related to Account 1588 RSVA – Power and Account 1589 RSVA – Global Adjustment.²² Therefore, the OEB directs that, going forward, Niagara-on-the-Lake Hydro use "Approach A" to record balances in the two commodity accounts. Niagara-on-the-Lake Hydro may wish to contact OEB staff for feedback on using "Approach A".

The following table identifies the principal and interest amounts, which the OEB approves for disposition.

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
Smart Meter Entity Variance Charge	1551	(9,565)	(393)	(9,958)
RSVA - Wholesale Market Service Charge	1580	(26,236)	(559)	(26,795)
Variance WMS - Sub- account CBR Class B	1580	(6,540)	(264)	(6,804)
RSVA - Retail Transmission Network Charge	1584	80,771	3,690	84,461
RSVA - Retail Transmission Connection Charge	1586	16,183	1,068	17,251
RSVA - Power	1588	16,421	7,468	23,889
RSVA - Global Adjustment	1589	214,451	4,145	218,596
Totals for all Group 1 a	iccounts	285,485	15,155	300,641

 Table 7.2: Group 1 Deferral and Variance Account Balances

²² July 20, 2018 letter OEB's Plan to Standardize Processes to Improve Accuracy of Commodity Pass-Through Variance Accounts and February 21, 2019 letter Accounting Guidance related to Accounts 1588 RSVA Power, and 1589 RSVA Global Adjustment

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in Article 220, Account Descriptions, of the *Accounting Procedures Handbook for Electricity Distributors*.²³ The date of the transfer must be the same as the effective date for the associated rates, which is, generally, the start of the rate year. Niagara-on-the-Lake Hydro shall ensure these adjustments are included in the reporting period ending June 30, 2020 (Quarter 2).

The OEB approves these balances to be disposed through final rate riders and charges as calculated in the Rate Generator Model. The final rate riders and charges will be in effect over a one-year period from May 1, 2020 to April 30, 2021.²⁴

8 IMPLEMENTATION AND ORDER

This Decision is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Schedule A).

Model entries were reviewed in order to ensure that they are in accordance with Niagara-on-the-Lake Hydro's last cost of service decision, and to ensure that the 2019 OEB-approved Tariff of Rates and Charges, as well as the cost, revenue and consumption results from 2018, are as reported by Niagara-on-the-Lake Hydro to the OEB.

The Rate Generator Model was adjusted, where applicable, to correct any discrepancies. The Rate Generator Model incorporates the rates set out in the following table.

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0005
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0030
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

Table 8.1: Regulatory Charges

²³ Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

²⁴ 2020 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a GA Allocation and Tab 7 Calculation of Def-Var RR

Each of these rates is a component of the "Regulatory Charge" on a customer's bill, established annually by the OEB through a separate, generic order. The RRRP, WMS and CBR rates were set by the OEB on December 17, 2019.²⁵

The Smart Metering Entity Charge is a component of the "Distribution Charge" on a customer's bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set by the OEB on March 1, 2018.²⁶

THE ONTARIO ENERGY BOARD ORDERS THAT:

- 1. Subject to paragraph 2, the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective May 1, 2020 for electricity consumed or estimated to have been consumed on and after such date.
- In light of the COVID-19 emergency, the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved to be implemented November 1, 2020 if Niagara-on-the-Lake Hydro Inc. notifies the OEB under paragraph 4 that it is electing to postpone the implementation of its new rates until November 1, 2020.
- 3. Any temporarily forgone distribution revenue associated with the postponement referred to in paragraph 2 may be tracked in Account 1509 Impacts Arising from the COVID-19 Emergency, Sub-account Lost Revenues.
- 4. Niagara-on-the-Lake Hydro Inc. shall, on or before April 23, 2020, file a letter with the OEB indicating whether it intends to postpone the implementation of the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order.
- 5. If Niagara-on-the-Lake Hydro Inc. elects not to postpone the implementation of the Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order, it shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new final rates.

All materials filed with the OEB must quote the file number, **EB-2019-0056**, be made in a searchable/unrestricted PDF format and sent electronically through the OEB's web portal at <u>https://pes.ontarioenergyboard.ca/eservice</u>. Filings must clearly state the sender's name, postal address and telephone number, fax number and email address. Parties must use the document naming conventions and document submission

²⁵ EB-2019-0278, Decision and Order, December 17, 2019

²⁶ EB-2017-0290, Decision and Order, March 1, 2018

standards outlined in the RESS Document Guideline found at <u>https://www.oeb.ca/industry</u>. If the web portal is not available parties may email their documents to <u>boardsec@oeb.ca</u>.

NOTE: The OEB is temporarily waiving the paper copy filing requirement until further notice. All communications should be directed to the attention of the Board Secretary and be received no later than 4:45 p.m. on the required date.

DATED at Toronto, April 16, 2020

ONTARIO ENERGY BOARD

Original Signed By

Christine E. Long Registrar and Board Secretary Schedule A To Decision and Rate Order Tariff of Rates and Charges OEB File No: EB-2019-0056 DATED: April 16, 2020

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. 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	\$	29.41
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$	0.21
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$	0.39
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh \$/kWh	0.0023
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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	\$	40.08
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0119
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh \$/kWh	0.0023
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0005 0.0071
Retail transmission Rate - Line and transformation Connection Service Rate	\$/kWh	0.0016

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined 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 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	\$	286.44
Distribution Volumetric Rate	\$/kW	2.3975
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1645
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008

1.2861

\$/kW

Niagara-on-the-Lake Hydro Inc. TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

		EB-2019-0056
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019)		
- effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.9048
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5347
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394

MONTHLY RATES AND CHARGES - Regulatory Component

Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

LARGE USE SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW. 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 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	\$	3,754.95
Distribution Volumetric Rate	\$/kW	2.3975
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers	\$/kWh	0.0023
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kW	0.1555
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.1394
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2861

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.56
Distribution Volumetric Rate	\$/kWh	0.0055
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh \$/kWh	0.0023
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established by an approved Ontario Energy Board process. 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)	\$	7.32
Distribution Volumetric Rate	\$/kW	1.7615
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until April 30, 2021 Applicable only for Non-RPP Customers Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until April 30, 2021	\$/kWh \$/kW	0.0023 0.1436
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021 Retail Transmission Rate - Network Service Rate	\$/kW \$/kW	13.1960 2.1903
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4134

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

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. 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 changes, 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

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Indepedent 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	\$	10.00
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

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

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00
Non-Payment of Account		
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00
Other		
Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	44.50

Effective and Implementation Date May 1, 2020

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

EB-2019-0056

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) Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the	\$	4.08
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.

1.0373
1.0145
1.0275
1.0045

Niagara-on-the-Lake Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2020

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

EB-2019-0056

NOTES

1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss-adjusted demand supplied form the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capadity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

- 1 Appendix 7 NOTLH 2019 Cost of Service EB-2018-0056 Final
- 2 Rate Order
- 3



FINAL RATE ORDER

EB-2018-0056

NIAGARA-ON-THE-LAKE HYDRO INC.

Application for electricity distribution rates and other charges beginning May 1, 2019

BEFORE: Michael Janigan Presiding Member

May 23, 2019

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1 INTRODUCTION AND SUMMARY

This is a Final Rate Order of the Ontario Energy Board (OEB) on an application filed by Niagara-on-the-Lake Hydro Inc. (NOTL Hydro) to change its electricity distribution rates effective May 1, 2019.

The OEB has reviewed NOTL Hydro's draft rate order (DRO) and proposed Tariff of Rates and Charges, and is satisfied that they accurately reflect the Decision and Order issued on April 23, 2019.

As a result of this Final Rate Order, it is estimated that the total monthly bill for a typical residential customer with an average monthly consumption of 750 kWh will decrease by 0.33% or \$0.34 per month before tax.

2 THE PROCESS

NOTL Hydro filed its application on August 23, 2018 for 2019 rates. The OEB issued a Notice of Application on September 7, 2018, inviting parties to apply for intervenor status. School Energy Coalition (SEC) and Vulnerable Energy Consumers Coalition (VECC) applied for and were granted intervenor status and cost eligibility.

The OEB held a community meeting on October 9, 2018 where OEB staff and NOTL Hydro made presentations. A summary of the community meeting was posted on the record of this proceeding. The customers that attended the community meeting asked questions and expressed concerns about a new transformer, bill impacts from rate riders, self-generation, street light revenue reduction and whether the generation from the new large business customer will impact residential rates.

The OEB issued Procedural Order No. 1 on October 10, 2018 with a timetable for a written discovery process, the filing of a proposed issues list and a settlement conference. On December 6, 2018, the OEB issued its Decision on Issues List in which it approved a final issues list that was proposed by OEB staff and agreed upon by the intervenors. A settlement conference was held on December 10 and 11, 2018.

NOTL Hydro, SEC and VECC (the Parties) filed a partial settlement proposal with the OEB on January 10, 2019. OEB staff was not a party to the settlement proposal, but participated in the settlement conference in accordance with the role of OEB staff set out in the OEB's *Practice Direction on Settlement Conferences*. OEB staff filed its submission regarding the partial settlement proposal on January 17, 2019.

On February 8, 2019, the OEB issued a Decision and Procedural Order No. 4 in which it accepted the partial settlement proposal with respect to NOTL Hydro's application. Procedural Order No. 4 also set out the dates for a written hearing of the six unsettled issues. All Parties and OEB staff filed written submissions with respect to the unsettled issues.

NOTL Hydro filed a proposed Tariff of Rates and Charges on May 1, 2019. There were no submissions regarding the proposed Tariff of Rates and Charges.

3 RATE ORDER

The OEB has reviewed the information provided in support of NOTL Hydro's revised draft rate order and proposed Tariff of Rates and Charges. The OEB finds that the Tariff of Rates and Charges in Schedule A accurately reflects the Decision and is consistent with the OEB's format.

This Final Rate Order establishes NOTL Hydro's distribution rates effective and implemented as of May 1, 2019.

4 IMPLEMENTATION

The new rates approved in this Final Rate Order are to be effective and implemented on May 1, 2019. Pursuant to the Decision and Order, NOTL Hydro filed tariff sheets and detailed information in support of the calculation of final rates in the draft rate order.

The approved Tariffs of Rates and Charges are attached as Schedule A to this Rate Order.

5 ORDER

THE ONTARIO ENERGY BOARD ORDERS THAT:

The Tariff of Rates and Charges set out in Schedule A of this Rate Order is final effective May 1, 2019 and is to be implemented effective May 1, 2019. The Tariff of Rates and Charges will apply to electricity consumed or estimated to have been consumed on and after May 1, 2019. NOTL Hydro shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

DATED at Toronto May 23, 2019

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli Board Secretary

SCHEDULE A: TARIFF OF RATES AND CHARGES RATE ORDER NIAGARA-ON-THE-LAKE HYDRO INC. EB-2018-0056

MAY 23, 2019

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

EB-2018-0056

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

\$	28.74
\$	0.21
\$	0.39
\$	0.57
\$/kWh	(0.0006)
\$/kWh	(0.0018)
\$/kWh	0.0068
\$/kWh	0.0016
\$/kWh	0.0030
\$/kWh	0.0004
\$/kWh	0.0005
	\$ \$ \$/kWh \$/kWh \$/kWh \$/kWh

\$

0.25

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

EB-2018-0056

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. 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	\$	39.41
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0117
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers -	\$/kWh	(0.0006)
effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0056

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 50 kW but less than 5,000 kW. Class A and Class B consumers are defined 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 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	\$	281.65
Distribution Volumetric Rate	\$/kW	2.3574
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers - effective until April 30, 2020 - Approved on an Interim Basis	\$/kW \$/kWh	(0.2179)
	φπαντη	(0.0010)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until April 30, 2021	\$/kW	0.1343
Retail Transmission Rate - Network Service Rate	\$/kW	2.5322
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5327
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2812
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

LARGE USE SERVICE CLASSIFICATION

This classification applies to a non-residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW. 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 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	3,692.18 2.3574
Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 - Approved on an Interim Basis Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers -	\$/kW	(0.2179)
effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.2008
Retail Transmission Rate - Network Service Rate	\$/kW	2.5322
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	0.5327
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7367
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (see Note 1)	\$/kW	1.2812
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

EB-2018-0056

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

EB-2018-0056

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	21.20
Distribution Volumetric Rate Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 -	\$/kWh	0.0054
Approved on an Interim Basis	\$/kWh	(0.0006)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0016
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0056

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established by an approved Ontario Energy Board process. 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)	\$	7.85
Distribution Volumetric Rate Rate Rider for Disposition of Group 1 Deferral/Variance Accounts (2019) - effective until April 30, 2020 -	\$/kW	1.8891
Approved on an Interim Basis Rate Rider for Disposition of Global Adjustment Account (2019) - Applicable only for Non-RPP Customers -	\$/kW	(0.2009)
effective until April 30, 2020 - Approved on an Interim Basis	\$/kWh	(0.0018)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2019) - effective until April 30, 2021	\$/kW	0.1852
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) -		
effective until April 30, 2021	\$/kW	13.1960
Retail Transmission Rate - Network Service Rate	\$/kW	1.9093
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.4118
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2018-0056

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation or Load Displacement Storage that requires Niagara-on-the-Lake Hydro to provide back-up service. Standby Charges are to be applied to behind-the-meter generators that have a nameplate capacity greater than or equal to 500kW and are not IESO market participants or IESO program participants (FIT, MicroFIT, SOP etc.) which have their own metering and settlement conventions as per regulation and legislation. For the purpose of this rate classification the term "generator" shall include electricity storage devices used for the primary purpose of Load Displacement. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

It should be noted that this schedule does not list any changes, 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

Standby Charges are based on applicable monthly General Service > 50kW to 4,999 kW or Large Use Distribution Volumetric Charges, depending on the rate classification of the generator host facility.

Distribution Charges on the generator host facility's load account will be determined by multiplying the peak hourly delivered load as measured by the load account meter in kW by applicable variable charges for the rate class. Standby Charges will be determined by multiplying the peak coincident combined kW delivered by both the distribution system and the generator, less the peak hourly delivered load in kW of the host customer facility as measured by the generator host load account meter.

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

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microFIT SERVICE CLASSIFICATION

EB-2018-0056

This classification applies to an electricity generation facility contracted under the Indepedent 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	\$	10.00
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.56)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

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

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EB-2018-0056

SPECIFIC SERVICE CHARGES

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

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

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	190.00
Non-Payment of Account (see Note below)		
Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily)	%	1.50
Late payment - per annum	%	19.56
Reconnection at meter - during regular hours	\$	95.00
Reconnection at meter - after regular hours	\$	320.00
Reconnection at pole - during regular hours	\$	185.00
Reconnection at pole - after regular hours	\$	610.00
Other		
Service call - customer-owned equipment - during regular hours	\$	30.00
Service call - customer-owned equipment - after regular hours	\$	320.00
Temporary service - install & remove - overhead - no transformer	\$	Variable
Temporary service - install & remove - underground - no transformer	\$	Variable
Temporary service - install & remove - overhead - with transformer	\$	Variable
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63
NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to	•	

the Non-Payment of Account Service Charges effective July 1, 2019

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

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EB-2018-0056

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

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle. Total Loss Factor - Secondary Metered Customer < 5,000 kW 1.0373

Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0275
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Niagara-on-the-Lake Hydro Inc. TARIFF OF RATES AND CHARGES Effective and Implementation Date May 1, 2019

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

NOTES

EB-2018-0056

1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the lossadjusted demand supplied form the distribution system plus (b) the demand that is supplied by embedded generation installed after October 30, 1998, which have installed capadity of 2MW or more for renewable generation and 1 MW or higher for nonrenewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for loss.

Niagara-on-the-Lake Hydro Inc. EB-2020-0042 Manager's Summary Page **42** of **44** Filed October 2020

1 Appendix 8 – NOTLH Detail CDM Savings

Record Name:	RR LDC Application and Facility
Exported On:	Sep 16, 2020 2:35 PM
Filter Selections	

IESO Reporting P	eriod Year:	

2018, 2019, 2020

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LDC Application ID	Lead LDC	Program Name	IESO Reporting Period	Project Completion Date	Total Incentive (\$)	Total Demand Savings (kW)	Total Energy Savings (kWh)	Payment Status
1044082	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HEATING AND COOLING PROGRAM	November 2019		\$250.00	0.80 kW	1.310 kWh	Paid
1132437	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HEATING AND COOLING PROGRAM	February 2020		\$250.00	0.80 kW	1.310 kWh	Paid
1191612	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HEATING AND COOLING PROGRAM	August 2019		\$250.00	0.41 kW	732 kWh	Paid
1194711	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HEATING AND COOLING PROGRAM	February 2020		\$250.00	0.41 kW	732 kWh	Paid
1199696	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HEATING AND COOLING PROGRAM	August 2019		\$250.00	0.41 kW	732 kWh	Paid
158066	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	11/23/2017	\$788.38	0.00 kW	0 kWh	Paid
169035	HYDRO ONE NETWORKS INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	01/24/2018	\$600.00	0.00 kW	0 kWh	Paid
171262	TORONTO HYDRO-ELECTRIC SYSTEM LIMITED	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	09/01/2017	\$1,496,00	0.00 kW	0 kWb	Paid
171639	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	10/27/2017	\$9,548.50	0.00 kW	0 kWh	Paid
173963	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	05/01/2020	\$74,000.00	92.50 kW	20,210 kWh	Paid
175300	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019	03/01/2018	\$350.00	0.29 kW	1,122 kWh	Paid
177217	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	10/03/2018	\$905.00	1.81 kW	8,315 kWh	Paid
178473	TORONTO HYDRO-ELECTRIC SYSTEM LIMITED	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	12/31/2018	\$430.40	0.00 kW	0 kWh	Paid
178609	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFT PROGRAM	March 2019	07/21/2017	\$378.00	0.00 kW	0 kWh	Paid
178626	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	07/21/2017	\$1,288.00	0.00 kW	0 kWh	Paid
181049	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	04/07/2018	\$962.50	2.20 kW	10,107 kWh	Paid
184602	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	04/07/2018	\$350.00	0.50 kW	2,297 kWh	Paid
184606	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019 March 2019	11/24/2017	\$985.00	0.00 kW	0 kWh	Paid
<u>186090</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/14/2018	\$562.00 \$3,440.00	1.10 kW	4,391 kWh	Paid
186154 186190	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/22/2017	\$3,440.00 \$2.000.00	8.60 kW 5.00 kW	58,447 kWh	Paid Paid
	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	01/26/2018			29,657 kWh	
186363	CANADIAN NIAGARA POWER INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/16/2018	\$6,275.00	0.00 kW	0 kWh	Paid
<u>186702</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/29/2017	\$2,400.00	6.00 kW	24,441 kWh	Paid
186965	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/09/2018	\$550.00	0.34 kW	1,577 kWh	Paid
<u>186975</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	01/30/2018	\$2,786.09	10.40 kW	67,572 kWh	Paid
<u>187080</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	01/16/2018	\$1,430.49	6.60 kW	41,829 kWh	Paid
<u>187814</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	09/10/2018	\$1,100.00	2.83 kW	10,661 kWh	Paid
<u>188133</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	April 2020	03/19/2020	\$2,640.00	4.50 kW	20,673 kWh	Paid
<u>188193</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/02/2018	\$4,917.00	5.12 kW	21,628 kWh	Paid
189045	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/20/2018	\$13,000.00	32.50 kW	195,935 kWh	Paid
<u>189110</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	02/14/2018	\$22,440.00	56.10 kW	270,749 kWh	Paid
189324	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	02/18/2020	\$8,477.50	21.20 kW	79,548 kWh	Paid
<u>189356</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	02/26/2018	\$4,180.00	3.87 kW	15,140 kWh	Paid
<u>189779</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/30/2018	\$5,602.00	4.12 kW	18,530 kWh	Paid
<u>190057</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/26/2018	\$7,560.00	18.90 kW	87,242 kWh	Paid
<u>190198</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/07/2018	\$1,535.00	0.00 kW	17,094 kWh	Paid
190654	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/04/2018	\$200.00	0.00 kW	2,335 kWh	Paid
190655	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/04/2018	\$1,760.00	4.53 kW	17,057 kWh	Paid
<u>190673</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	09/10/2018	\$520.00	0.00 kW	5,796 kWh	Paid
<u>190710</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	05/16/2018	\$1,887.10	0.00 kW	18,871 kWh	Paid
190810	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/13/2018	\$1,680.00	2.10 kW	1,203 kWh	Paid
190811	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/19/2018	\$880.00	1.10 kW	617 kWh	Paid
190973	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	02/04/2020	\$8,625.00	17.25 kW	79,246 kWh	Paid
191354	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/15/2018	\$1.026.00	1.86 kW	9.660 kWh	Paid
191356	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	03/15/2018	\$4,688.60	0.00 kW	46.886 kWh	Paid
191609	TORONTO HYDRO-ELECTRIC SYSTEM LIMITED	SAVE ON ENERGY RETROFIT PROGRAM	September 2019	11/29/2018	\$975.00	1.98 kW	8,890 kWh	Paid
191831	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/26/2018	\$4,028.20	9.80 kW	37,029 kWh	Paid
192132	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	04/30/2018	\$1,925.00	0.00 kW	21.462 kWh	Paid
193571	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	07/06/2018	\$385.00	0.23 kW	1.075 kWh	Paid
194022	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	April 2020	03/06/2020	\$11,001.50	0.00 kW	110,015 kWh	Paid
194030	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	10/05/2018	\$240.00	0.14 kW	645 kWh	Paid
194348	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	May 2020	06/22/2018	\$937.60	1.17 kW	703 kWh	Paid
194832	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	10/12/2018	\$2,429.80	0.00 kW	48,596 kWh	Paid
195488	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	01/19/2019	\$2,800.00	0.00 kW	0 kWh	Paid
195549	ALECTRA UTILITIES CORPORATION	SAVE ON ENERGY RETROFT PROGRAM	March 2019	09/18/2018	\$963.00	0.00 kW	0 kWh	Paid
195745	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	12/20/2018	\$5.346.00	7.46 kW	51.457 kWh	Paid
195752	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019 March 2019	06/25/2018	\$2.002.00	2.86 kW	13.139 kWh	Paid
197103	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	10/12/2018	\$281.28	0.35 kW	211 kWh	Paid
197469	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019 March 2019	11/30/2018	\$1.365.00	4.86 kW	21.351 kWh	Paid
197469	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	09/21/2018	\$1,365.00 \$8,064.00	4.86 KW 11.52 kW	52,923 kWh	Paid
<u>197379</u> <u>198211</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019 March 2019	11/29/2018	\$675.00	0.00 kW	7,560 kWh	Paid
198462	TORONTO HYDRO-ELECTRIC SYSTEM LIMITED	SAVE ON ENERGY RETROFIT PROGRAM	June 2019	09/19/2018	\$1,496,00	1.87 kW	4,259 kWh	Paid
199879	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019	09/28/2018	\$3,240.00	1.97 kW	9,030 kWh	Paid
199880	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019 March 2019	09/28/2018	\$1,500.00	0.94 kW	4,300 kWh	Paid
200611	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	10/05/2018	\$600.00	0.34 kW	4,500 kWh 1,720 kWh	Paid
200765	NIAGARA-ON-THE-LAKE HYDRO INC. NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFT PROGRAM SAVE ON ENERGY RETROFT PROGRAM	March 2019 March 2019	10/05/2018	\$1,410.00	0.37 kW 3.83 kW	1,720 kWh 15,287 kWh	Paid
200789	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/06/2018	\$2,940.00	1.80 kW	8.277 kWh	Paid
200944	NIAGARA-ON-THE-LAKE HYDRO INC. NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFTI PROGRAM SAVE ON ENERGY RETROFTI PROGRAM	March 2019 March 2019	12/06/2018	\$44.00	1.80 kW 0.26 kW	1,009 kWh	Paid
	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019 March 2019	10/16/2018	\$844.65	3.29 kW	1,009 kWh 12,869 kWh	Paid
200966								
201077	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/06/2018	\$907.50	0.00 kW	12,743 kWh	Paid
201079	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	01/30/2019	\$540.00 \$4.437.50	1.19 kW	4,551 kWh	Paid
201378	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	11/16/2018		4.66 kW	18,201 kWh	Paid
2017-011	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HIGH PERFORMANCE NEW CONSTRUCTION PROGRAM	March 2019	01/01/2019	\$9,232.00	22.40 kW	102,907 kWh	Paid
2018NR07	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY HIGH PERFORMANCE NEW CONSTRUCTION PROGRAM	March 2019	01/09/2019	\$1,526.00	2.50 kW	25,846 kWh	Paid
202643	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/04/2018	\$1,877.90	0.00 kW	18,779 kWh	Paid
202658	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/04/2018	\$3,120.00	7.80 kW	36,008 kWh	Paid
202966	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	12/11/2018	\$3,788.00	6.58 kW	27,065 kWh	Paid
203209	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	03/08/2019	\$1,480.00	3.70 kW	13,435 kWh	Paid
203685	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	03/08/2019	\$575.00	1.50 kW	5,461 kWh	Paid
204313	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2019	05/13/2019	\$992.00	1.64 kW	6,419 kWh	Paid
204359	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	August 2019	08/13/2019	\$560.00	1.40 kW	4,825 kWh	Paid
204468	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	October 2019	09/13/2019	\$3,600.00	0.00 kW	40,042 kWh	Paid
204495	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	01/31/2020	\$4,650.00	0.00 kW	52,080 kWh	Paid
205414	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	March 2019	02/28/2019	\$378.00	1.05 kW	4,118 kWh	Paid
205554	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	05/15/2019	\$1,235.00	4.00 kW	20,325 kWh	Paid

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Filter Selections

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NIAGARA-ON-THE-LAKE HYDRO INC.

SAVE ON ENERGY MONITORING AND TARGETING PROGRAM

SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PROGRAM

SAVE ON ENERGY BUSINESS REERIGERATION INCENTIVE PROGRAM

SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PROGRAM

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SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PROGRAM

SAVE ON ENERGY HEATING AND COOLING PROGRAM

SAVE ON ENERGY HEATING AND COOLING PROGRAM

SAVE ON ENERGY HOME ASSISTANCE PROGRAM

2018, 2019, 2020

	1250 Reporting Feriou Tear.	2010, 2013, 2020						
LDC Application ID	Lead LDC	Program Name	IESO Reporting Period	Project Completion Date	Total Incentive (\$)	Total Demand Savings (kW)	Total Energy Savings (kWh)	Payment Status
205669	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	03/06/2019	\$4,122.40	6.00 kW	59,591 kWh	Paid
205701	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	May 2020	03/06/2019	\$942.50	0.00 kW	10,920 kWh	Paid
205770	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	August 2020	03/20/2020	\$19,593.25	39.50 kW	371,517 kWh	Ready for Payment
206363	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY RETROFIT PROGRAM	August 2019	07/04/2019	\$650.00	0.00 kW	7,266 kWh	Paid
480004-057	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/12/2017	\$444.76	0.72 kW	2,133 kWh	Paid
480004-081	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	03/08/2017	\$1,929.96	3.04 kW	9,108 kWh	Paid
480004-090	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/26/2018	\$345.00	0.89 kW	2,653 kWh	Paid
<u>480004-097</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	06/29/2018	\$1,501.03	1.58 kW	8,523 kWh	Paid
<u>480004-115</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	06/16/2017	\$2,374.34	0.00 kW	0 kWh	Paid
480004-168	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	12/15/2017	\$1,868.14	3.10 kW	15,384 kWh	Paid
480004-170	NIAGARA-ON-THE-LAKE HYDRO INC. NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019 March 2019	12/21/2017 08/13/2017	\$510.00 \$464.00	1.03 kW 1.52 kW	2,837 kWh 4.830 kWh	Paid Paid
480004-171 480004-172	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019 March 2019	08/13/2017	\$464.00	0.84 kW	4,830 kWh 2,374 kWh	Paid
480004-172 480004-173	NIAGARA-ON-THE-LAKE HYDRO INC. NIAGARA-ON-THE-LAKE HYDRO INC.		March 2019 March 2019	08/13/2017	\$416.00	0.84 KW 1.14 kW	2,374 kWh 4,979 kWh	Paid
480004-175	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	06/29/2018	\$658.00	1.96 kW	5,643 kWh	Paid
480004-175	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	06/29/2018	\$460.00	1.96 kW	3,427 kWh	Paid
480004-184	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/27/2018	\$1,730.00	4.08 kW	13,895 kWh	Paid
480004-188	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/27/2018	\$1,200.00	2.73 kW	9.620 kWh	Paid
480004-192	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/27/2018	\$882.00	2.15 kW	5,311 kWh	Paid
480022-001	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	03/11/2019	\$1,680.00	0.90 kW	3,827 kWh	Paid
480088-001	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	09/18/2018	\$2,000.00	1.01 kW	2,263 kWh	Paid
480088-002	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	10/29/2018	\$1,840.00	0.96 kW	2,627 kWh	Paid
480088-003	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	10/31/2018	\$2,000.00	1.00 kW	4,380 kWh	Paid
480088-004	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	10/31/2018	\$2,000.00	1.02 kW	2,303 kWh	Paid
480088-005	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	09/20/2018	\$1,976.00	1.77 kW	5,137 kWh	Paid
480088-006	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	09/20/2018	\$640.00	0.33 kW	733 kWh	Paid
480088-007	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	03/22/2019	\$2,000.00	1.04 kW	2,602 kWh	Paid
480088-009	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	09/18/2018	\$1,479.00	0.76 kW	2,397 kWh	Paid
480088-010	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	03/11/2019	\$775.00	1.11 kW	5,043 kWh	Paid
480088-013	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	10/31/2018	\$1,080.00	0.55 kW	1,327 kWh	Paid
480088-014	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	09/19/2018	\$2,000.00	1.07 kW	5,270 kWh	Paid
480088-015	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/11/2019	\$559.00	0.57 kW	1,662 kWh	Paid
480088-019	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	11/26/2018	\$1,440.00	0.72 kW	2,525 kWh	Paid
480088-020	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/01/2019	\$2,000.00	1.00 kW	6,209 kWh	Paid
480088-021	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/01/2019	\$1,440.00	0.72 kW	5,286 kWh	Paid
<u>480088-026</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/03/2019	\$760.00	0.38 kW	1,472 kWh	Paid
<u>480088-027</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	03/04/2019	\$2,000.00	1.01 kW	2,528 kWh	Paid
480088-028	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/08/2019	\$2,000.00	1.00 kW	2,249 kWh	Paid
<u>480088-029</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/14/2019	\$2,100.00	1.32 kW	3,933 kWh	Paid
<u>480088-030</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/14/2019	\$1,455.00	1.70 kW	3,713 kWh	Paid
480088-031 480088-032	NIAGARA-ON-THE-LAKE HYDRO INC. NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/15/2019	\$903.00	0.53 kW	2,496 kWh	Paid Paid
480088-032 480088-033		SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/02/2019	\$971.00	0.52 kW	2,465 kWh	
480088-033	NIAGARA-ON-THE-LAKE HYDRO INC. NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019 March 2019	04/17/2019	\$1,920.00 \$320.00	1.01 kW 0.18 kW	2,532 kWh 506 kWh	Paid Paid
480088-034 480088-035	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019 March 2019	01/15/2019 01/11/2019	\$720.00	0.38 kW	1,039 kWh	Paid
480088-035	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019 March 2019	01/11/2019	\$1,504.00	1.00 kW	2,327 kWh	Paid
480088-037	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/28/2019	\$1,840.00	0.92 kW	2,069 kWh	Paid
480088-038	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/15/2019	\$440.00	0.23 kW	644 kWh	Paid
480088-039	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/29/2019	\$2,000.00	1.00 kW	1,999 kWh	Paid
480088-040	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/29/2019	\$1,908.00	1.30 kW	2,585 kWh	Paid
480088-041	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/11/2019	\$1,600.00	0.82 kW	1,967 kWh	Paid
480088-042	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/09/2019	\$1,990.00	2.89 kW	6,495 kWh	Paid
480088-043	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	03/25/2019	\$686.00	0.88 kW	1,954 kWh	Paid
480088-044	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/26/2019	\$1,961.00	1.44 kW	3,243 kWh	Paid
480088-045	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/26/2019	\$1,954.00	1.19 kW	2,680 kWh	Paid
480088-046	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	03/21/2019	\$1,360.00	0.69 kW	2,228 kWh	Paid
480088-047	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	03/01/2019	\$440.00	0.25 kW	317 kWh	Paid
480088-048	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/08/2019	\$1,640.00	0.88 kW	3,404 kWh	Paid
480088-049	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/08/2019	\$494.00	1.65 kW	7,235 kWh	Paid
480088-050	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/18/2019	\$1,448.67	1.20 kW	4,776 kWh	Paid
<u>480088-051</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	03/22/2019	\$1,980.00	1.38 kW	3,103 kWh	Paid
<u>480088-052</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/01/2019	\$1,120.00	0.57 kW	1,704 kWh	Paid
480088-053	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	01/30/2019	\$400.00	0.20 kW	1,063 kWh	Paid
480088-056	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	03/21/2019	\$2,000.00	1.07 kW	2,397 kWh	Paid
<u>480088-057</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/22/2019	\$1,272.00	1.34 kW	3,000 kWh	Paid
<u>480088-058</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	03/25/2019	\$1,601.00	1.31 kW	2,952 kWh	Paid
480088-060	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	03/01/2019	\$1,040.00	0.52 kW	2,362 kWh	Paid
480088-061 480404-000	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	March 2019	02/28/2019	\$400.00	0.22 kW	545 kWh	Paid Paid
<u>480104-002</u>	NIAGARA-ON-THE-LAKE HYDRO INC.	SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	May 2019	04/02/2019	\$1,171.00	1.72 kW	3,848 kWh	Paid

March 2019

February 2020

March 2019

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LDC Application 195488 201079	ALECTRA UTILITIES CORPORATION SAVE ON ENERGY RETROFT PROGRAM MAGARA-ON-THE-LAKE HYDRO INC. SAVE ON ENERGY RETROFT PROGRAM	Ma 01, 2 Ma 01, 3	069 52 069 55	800.00 10.00			Paid Paid Paid Paid		pe to te	6.48 1.47	gs to 2nd Ye	6.50 1 1.47 1	2 2rd Year KW 5 6.50 1.47	Savings to 4th	h Year kW Saving 6.50 1.47	t to Sth Year k	V Saviegs to 6	Ch Year KW Savings 6.39 1.45 4.50	to 7th Year kW # 6.39 # 1.45	avings to Ath Yo	6.39 # 1.45 #	9th Year kW Savin 6.29 1.45	tor 10th Yeark	/Savings to 1	22,182.96 4,177.82			# 22,247.56			21,819.20		21,819.29 4,109.33	# 21,819.29 # 4,109.23	# 21,813 # 4,128	1.29 ## 21,8 1.20 ## 4,50	807.28 107.07
105488 201009 201009 201209 201209	ALECTRA UTUTES CORPORATION : SAVE ON INDERY RETROFT PROGRAM MAGRAR-ON-THE-LARE HYDRO INC. SAVE ON ENERGY RETROFT PROGRAM MAGRAR-ON-THE-LARE HYDRO INC. SAVE ON ENERGY RETROFT PROGRAM	Ma 01, 2 Ma 01, 2 Ma 02, 2	009 52 009 55 009 51	800.00 10.00 480.00	5.26 1.19 3.70		Paid Paid Paid Paid Paid Paid		20 10 10	6.48 6.48 1.47 6.56 1.95	gs to 2nd Ye	4.50 (4.50 (1.47 (4.57 (1.85 (2 3rd Year VW 5 6.50 1.47 4.57 1.65	lavings to 42	h Year KW Saving 6.50 1.47 4.57 1.85	t to Sth Year k	V Sawlegs to 6 0 # 7 # 7 # 5 #	ch Year KW Savings 6.39 1.45 4.50 1.92	to 7th Year kW # 6.29 # 1.45 # 4.50	avings to 8th Yi	6.29 F 1.45 F 4.50 F 1.90 F	Sth Year W Savin 6.29 1.45 6.50 1.92	1 557 10th Year ki 88 6.2 88 1.4 88 4.5 88 1.9	/ Savings to 1	22,192.06 4,177.82 12,222.33 5,612.33			# 22,247.56			21,819.20	ы и 1 и и и		# 21,819.29	# 21,813	1.29 HI 21,8 1.20 HI 4,00 7.80 HI 12,1	807.28 107.07 124.46
105488 201079 201079 201279 201289 201685	ALCERA UTURES CORPORATION SAVE ON DEREVY ESTERIOT PROGRAM MARCHAR-ON-THE-LAKE HYDRO INC. SAVE ON DEREVY ESTERIOT PROGRAM MARCHAR-ON-THE-LAKE HYDRO INC. SAVE ON DEREVY ESTERIOT PROGRAM MARCHAR-ON-THE-LAKE HYDRO INC. SAVE ON DEREVY ESTERIOT PROGRAM	Ma 01) 2 Ma 01) 3 Ma 03) 2 Ma 03) 3	119 S2 119 S5 119 S1 119 S5	800.00 40.00 480.00 75.00	5.26 1.19 3.70 1.50		Paid Paid Paid Paid Paid Paid Paid		pe to 10	6.48 6.48 1.47 4.56 1.85 7.02	<u>es to 2nd Ye</u>	4.57 1.85 1.85 1.85 1.85 1.85 1.85 1.85 1.85	2 3rd Year KW 5 6.50 1.47 4.57 1.85 2.03	lavings to 41	2 Year kW Saving 6.50 1.47 4.57 1.85 2.03	t to Sth Year k	V Savings 10 6 0 8 7 8 7 8 5 8 0 8	th Year KW Savings 6.29 1.45 4.50 1.82 1.99	to 7th Year kW # 6.29 # 1.45 # 4.50 # 1.82 # 1.92	avirgs to Ath Y	6.39 F 1.45 F 1.45 F 1.82 F 1.92 F	9th Year KW Savin 6.29 1.45 4.50 1.82 1.99	tor 10th Year ki # 6.3 # 1.4 # 6.5 # 1.8	/ Savings to 1	22,182.96 4,177.82 12,888.38 5,818.20 5 992.64			# 22,247.56 # 4,189.99 # 12,369.25			21,819,25 4,109,33 12,131,54	9 7 2 7 4 7	21,819.29 4,109.33	* 21,819.29 * 4,109.22 * 12,121.14 * 4,921.01	# 21,813 # 4,528 # 12,127 # 4,929	1.29 H 21,8 1.20 H 4,10 7.80 H 12,1 1.66 H 4,65	807.28 107.07 124.46 128.30
105-488 2010709 2012709 2012899 201485 2014253 2014253	ALCERTA UTFUTIS CORFORMENTS SAVE ON DERICY RETRICT PROCESSA NALARA-ON-THE-LAKE HYDRO INC. SAVE ON DERICY RETRICT PROCESSA	Ma 01, 2 Ma 01, 2 Ma 03, 2 Ma 03, 2 Ma 03, 2	019 52 019 55 019 51 019 55 019 55 019 59	800.00 40.00 480.00 75.00 82.00	5.26 1.19 3.70 1.50 1.64	24154.44 4,551 12,435 5,461 6,419	Paid Paid Paid Paid Paid		pe to 10	6.48 6.48 1.47 4.56 1.85 2.02 1.22	<u>es to 2nd Ye</u>	ar kW Savinge 1 6.50 1 1.47 1 4.57 1 1.85 1 2.03 1 1.73	2 2rd Year kW 5 6.50 1.47 4.57 1.85 2.03 173	lavings to 41	h Year KW Saving 6.50 1.47 4.57 1.85 2.03 1.23	1 10 Sth Year k 5 1 4 1 2	V Sawlegs 10 6 0 8 7 8 5 8 2 8	th Year KW Savingt 6.39 1.45 4.50 1.82 1.99 1.70	to 7th Year kW # 6.29 # 1.45 # 4.50 # 1.82 # 1.92	awings to 8th Yi	arkW Savings to 6.39 # 1.45 # 4.50 # 1.92 # 1.99 # 1.70 #	5th Year kW Savin 6.39 1.45 4.50 1.82 1.99 1.20	5 100 100 Year 10 10 62 10 62 10 63 10 13 10 13 10 13 10 13	/ Savings to 1	11 Year With Savings 22,192.96 4,177.92 12,333.33 5,013.20 5,892.64 4,479.35			# 22,247.56 # 4,189.99 # 12,369.25			21,819,25 4,109,33 12,131,54 4,931,01	9 7 2 7 4 7	21,819.29 4,109.22 12,121.14 4,931.01	# 21,819.29 # 6,109.33 # 12,121.14 # 6,921.01 # 5,796.04	# 21,813 # 4,228 # 12,127 # 4,828 # 5,294	1.29 # 21,8 1.20 # 4,10 7.80 # 12,1 1.65 # 4,10 1.44 # 5,70	807.28 107.07 124.46 928.30 792.85
105.488 200209 200209 200209 200209 200209 200209 200209 200209 200209	ALCERAL UTLITES CORPORATION SAVE ON ENDERVISITIONET PROCEMM NACARAN ON-TH-LAUE INTODIONE: SEE ON INTERIORY STREED PROGRAM NACARAN ON-TH-LAUE INTODIONE: SEVE ON INTERIORY STREED PROGRAM	Ma Di, 2 Ma Di, 2 Ma Di, 2 Ma Di, 2 Ma Di, 2 Ma Di, 2 Au, 0i, 2	109 S2 109 S5 109 S1 109 S5 109 S9 109 S9	800.00 480.00 75.00 82.00 80.00	5.26 1.19 3.70 1.50 1.64 1.40		Paid Paid Paid Paid Paid Paid Paid Paid		pe to ir	6.48 1.47 4.56 1.85 2.02 1.72 0.00	<u>es to 2nd Ye</u>	4 W Saving 1 6.50 1 1.47 1 4.57 1 1.85 1 2.03 1 1.73 0 0.00	2 2rd Year kW 5 6.50 1.47 4.57 1.85 2.03 1.73 0.00	Savings to 45	6.50 6.51 1.47 4.57 1.85 2.03 1.73 0.00	to Sth Year k	V Savings 10 6 7 8 7 8 5 8 2 8 2 8	th Year KW Savings 6.39 1.45 4.50 1.92 1.99 1.70 0.00	to 7th Year kW # 6.29 # 1.45 # 1.45 # 1.82 # 1.99 # 1.90	awings to 8th Yi	4.19 # 4.19 # 4.50 # 1.92 # 1.99 # 1.70 #	5th Year KW Savin 6.29 1.45 4.50 1.82 1.99 1.70 0.00	s tar 100 Yearld # 6.3 # 1.4 # 4.5 # 1.9 # 1.9 # 1.7 # 00	/ Savings to 3	22,182.96 4,177.82 12,333.33 5,013.20 5,892.64			# 22,247.56 # 4,129.59 # 12,369.25 # 5,027.80 # 5,909.80		22,247.56 4,189.99 12,369.25 5,027.80 5,909.80	21,819,22 4,109,32 12,121,5 4,921,01 5,796,04	19 8 14 8 14 8 14 8 14 8 14 8	21,819.29 4,109.33 12,121.14 4,921.01 5,796.04	* 21,819.29 * 4,109.22 * 12,121.14 * 4,921.01	# 21,813 # 4,528 # 12,127 # 4,929	1.29 # 21,8 1.20 # 4,55 7,50 # 12,1 1.66 # 4,55 1.64 # 5,75 1.54 # 4,25	807.28 207.07 124.46 828.30 792.85 254.34
106483 201009 201209 201485 20445 204453 204453 204454	ALCEA ALTURES COMPARIANTS - SAFE DIN DIBLOY RETORY INFORMATION AND A SAFE AND	Ma Dij 2 Ma Dij 2 Ma Dij 2 Ma Dij 2 Ma Dij 2 Ma Dij 2 Au Dij 2 Au Dij 2 Au Dij 2	019 52 019 55 019 51 019 55 019 59 019 55 019 55 019 53	800.00 480.00 75.00 82.00 60.00 600.00	5.26 1.19 3.70 1.50 1.64 1.40 0.00	24154.44 4,551 12,435 5,461 6,419	Paid Paid Paid Paid Paid		pe to ir	6.48 1.47 4.56 1.85 2.02 1.72 0.00 1.29	<u>es to 2nd Ye</u>	6.50 1.47 4.57 1.85 1.20 1.20 1.30	2 3rd Year kW 5 6.50 1.47 4.57 1.85 2.03 1.72 0.00 1.20	Savings to 45	6.50 6.50 1.47 4.57 1.85 2.03 1.73 0.00 1.20	1 10 5th Year k	V Savings to 6 0 # 7 # 7 # 6 # 2 # 0 #	th Year KW Savings 6.39 1.45 4.50 1.92 1.99 1.70 0.00 1.29	to 7th Year kW # 6.29 # 1.45 # 4.50 # 1.99 # 1.99 # 1.70 # 0.00	awlegt to 8th Ye	arkW Savings to 6.29 # 1.45 # 4.50 # 1.92 # 1.99 # 1.70 # 0.00 #	5th Year KW Savin 6.29 1.45 4.50 1.82 1.99 1.70 0.00 1.29	8 527 3055 Year M 89 6.3 89 1.4 89 1.5 89 1.9 89 1.9 89 1.7 89 0.0 89 1.7 89 1.7 89 1.7 80 10	/ Savings to 1	22,182.96 4,177.82 12,333.33 5,013.20 5,892.64			# 22,247.56 # 4,129.59 # 12,369.25 # 5,027.80 # 5,909.80		22,247.56 4,189.99 12,369.25 5,027.80 5,909.80	21,419,20 4,109,32 12,121,50 4,921,01 5,796,04 4,356,74	13 8 14 8 14 8 14 8 14 8 14 8	21,819.29 4,109.33 12,121.14 4,921.01 5,796.04	# 21,818.29 # 4,109.33 # 12,131.14 # 4,931.01 # 5,796.04 # 4,256.74 # 36,155.94	# 21,813 # 4,228 # 12,127 # 4,928 # 5,794 # 4,355	1.29 # 21,9 1.20 # 4,20 7,50 # 12,1 1.66 # 4,50 1.44 # 5,20 1.54 # 4,20 5.59 # 36,1	807.28 007.07 124.46 028.30 792.85 254.34 126.04
105488 200203 202205 202205 204885 204825 204828 204858 204858 204858	ALCTUM UNTITES COMPARISON - SAFE ON INSERVITIES MEDIA MOLANI MUSIANO DI HALI DI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI DI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI MUSIANO DI HALI ALI HIGHO DI LE GUO DI HIGHO TIDOTI POCAMI	Mu DL) 2 Mu DL) 2 Mu DL) 2 Mu DL) 2 Mu DL) 2 Au(DL) 2 Or DL) 2 Mu DL) 2 Mu DL) 2	019 52 019 55 019 51 019 51 019 51 019 51 019 52 019 53 019 53 019 53 019 53 019 53 019 53 019 53 019 53 019 53	800.00 480.00 75.00 82.00 80.00 60.00 78.00	5.26 1.19 2.30 1.50 1.64 1.40 0.00 1.05	24154.44 4,551 12,435 5,461 6,419	Paid Paid Paid Paid Paid		20 10 11	6.48 1.47 4.56 1.85 2.02 1.72 0.00 1.29 4.93	gt to 2nd Ve	4 W Saving 1 6.50 1.47 4.57 1.85 1.35 1.32 1.32 1.32 1.30 4 94	2 3rd Year KW 5 6.50 1.47 4.57 1.85 2.03 1.72 0.00 1.30 4.54	Saving: to 40	6.50 1.47 4.57 1.85 2.03 1.73 0.00 1.30 4.94	1 10 5th Year k	V Savings to 6 0 8 7 8 7 8 6 8 2 8 0 8 0 8 0 8	239 2.39 1.45 4.50 1.92 1.99 1.70 0.00 1.28 4.95	to 7th Year kw = 6.29 = 1.45 = 4.50 = 1.82 = 1.99 = 1.70 = 0.00 = 1.28 = 4.50	awlegt to Bith Ye	arkW Savingt to 6.39 # 1.45 # 1.62 # 1.99 # 1.70 # 0.00 # 1.28 # 1.45 # 0.00 # 1.28 #	5th Year KW Savia 6.29 1.45 4.50 1.82 1.99 1.70 0.00 1.28 6.55	100 100 Year 6 101 100 Year 6	/ Savings to 1	22,182.96 4,177.82 12,333.33 5,013.20 5,892.64			# 22,247.56 # 4,129.59 # 12,369.25 # 5,027.80 # 5,909.80		22,247.56 4,189.99 12,369.25 5,027.80 5,909.80 4,642.25 26,865.61	21,819,25 4,109,33 12,121,54 4,921,01 5,796,04 4,356,74 36,155,84	13 8 14 8 14 8 14 8 14 8 14 8 14 8 14 8 14	21,819,29 4,109,33 12,121,14 4,931,01 5,796,04 4,256,74 36,155,54	# 21,819.29 # 4,109.33 # 12,131.14 # 4,921.01 # 5,796.04 # 4,256.74	# 21,813 # 4,228 # 12,127 # 4,928 # 5,794 # 4,355	1.19 #1 21,0 1.20 #1 4,12 1.20 #1 4,12 7,80 #1 12,11 1.66 #1 4,21 1.66 #1 4,21 1.64 #1 5,71 1.54 #1 4,22 5.59 #1 4,22 5.90 #1 2,51 1.23 #1 2,71	807.28 007.07 124.46 028.30 792.85 254.34 126.04 716.30
105452442802 205209 205209 205209 205455 204355 204355 204455 204458 205454 205554 205554	ALCTIN (UTIES COMMAND) SAFE ON DESCRIPTION PROCESS MARCHAR DE LA COMMANDE SAFE DE LA COMMANDE DE LA COMMANDE ALCONTROCT MARCHAR DE LA COMMANDE DE LA COMMANDE ALCONTROCTANO MARCHAR DE LA COMMANDE SAFE DE LA COMMANDE ALCONTROCTANO MARCHAR DE LA COMUNICIA DEL COMMANDO MARCHAR DE LA COMUNICIA DE	Ma DLj 2 Ma DLj 2 Ma DLj 2 Ma DLj 2 Ma DLj 2 Auj DLj 2 Auj DLj 2 Ma DLj 2 M	219 52 219 55 219 51 219 51 219 51 219 53 219 53 219 53 219 53 219 53 219 53 219 53 219 53 219 53 219 53 219 53	800.00 480.00 75.00 82.00 80.00 600.00 78.00 78.00 225.00	5.26 1.19 2.30 1.50 1.64 1.40 0.00 1.05 4.00	24154.44 4,551 12,435 5,461 6,419	Paid Paid Paid Paid Paid		24 to 1 4	6.48 1.47 4.56 1.85 2.02 1.72 0.00 1.29 4.93 7.30	to 2nd Ye	650 147 147 185 201 120 120 120 120 120 120 120	2 3rd Year KW 5 6.50 1.47 1.85 2.03 1.72 0.00 1.30 4.94	Saving: to 40	6.50 1.47 4.57 1.85 2.03 1.73 0.00 1.30 4.94 7.41	to Sth Year & # 62 # 12 # 42 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12	V Saulage to 6 0 # 7 # 5 # 2 # 0 # 0 # 0 # 4 #	6.39 6.39 1.45 4.50 1.82 1.99 1.70 0.00 1.28 4.86 7.29	to 7th Year kw # 6.29 # 1.45 # 1.45 # 1.82 # 1.99 # 1.99 # 1.70 # 0.00 # 1.28 # 6.86 # 7.29	awlegt to Bth Ye	arkW Savingt to 6.39 # 1.45 # 4.50 # 1.92 # 1.70 # 0.00 # 1.28 # 4.56 #	5th Year KW Savia 6.39 1.45 4.50 1.99 1.70 0.00 1.28 4.85 7.50	Istr 10h Year Id III 6.3 III 6.3 III 1.4 1.9 1.9 III 1.9 1.9 1.9 III 1.9 1.9 1.9 III 1.2 III 1.2	/ Savings to 1	22,182.96 4,177.82 12,333.33 5,013.20 5,892.64			# 22,247.56 # 4,129.59 # 12,369.25 # 5,027.80 # 5,909.80		22,247.56 4,189.99 12,369.25 5,027.80 5,909.80 4,642.25 26,865.61	21,819,22 4,109,32 12,131,54 4,921,01 5,796,04 4,356,74 36,155,94 3,718,35	13 8 14 8 14 8 14 8 14 8 14 8 14 8 14 8 14	21,829,29 4,109,33 12,131,14 4,931,01 5,796,04 4,256,74 36,155,34 3,718,35	# 21,818.29 # 4,109.33 # 12,131.14 # 4,931.01 # 5,796.04 # 4,256.74 # 36,155.94 # 3,718.25	# 21,813 # 4,228 # 12,127 # 4,529 # 5,294 # 4,255 # 26,145 # 26,145	1.19 #1 21,0 1.20 #1 4,12 7,20 #1 12,1 1.66 #1 4,12 1.66 #1 4,57 1.54 #1 5,77 1.54 #1 5,27 1.54 #1 5,27 1.53 #1 4,21 7.42 #1 12,77	807.28 907.07 124.46 928.30 932.85 254.34 136.04 716.30 342.37
20480 20109 20109 20130 20130 20131 20132 2013 2013	ALECTA ULTILES CONSIGNOL INST GIN DIAGNO FRICTOR TROGOMA MARANA ON-THE CASE THROBE, ME CON DIAGNO FRICTOR TROGOMA MARANA ON-THE CASE THROBE ME CASE ON INSTEREMENT TROGOMA MARANA ON-THE CASE THROBE ME CASE ON INSTEREMENT TROGOMA MARANA ON-THE CASE THROBE ME CASE ON INSTEREMENT TROGOMA MARANA ON-THE CASE THROBE ME CASE ON INSTEREMENT TROGOMA MARANA ON-THE CASE THROBE ME CASE ON INSTEREMENT TROGOMA	Ma DL) 2 Ma DL) 2 Ma DL) 2 Ma DL) 2 Ma DL) 2 Au(DL) 2 Au(DL) 2 Ma DL) 2 Ma DL) 2 Ma DL) 2 Ma DL) 2	019 52 019 51 019 51 019 51 019 51 019 53 019 53 019 53 019 53 019 53 019 53 019 53 019 54 019 54 019 54	800.00 480.00 75.00 80.00 60.00 600.00 200.00 235.00 122.40	5.26 1.19 2.70 1.50 1.64 1.40 0.00 1.05 4.00 6.00	24154.44 4,551 12,435 5,461 6,419	Paid Paid Paid Paid Paid		24 10 11	6.48 1.47 4.55 2.02 1.72 0.00 1.29 4.93 7.39 0.00	gt to 2nd Ye	KW Saving 1 6.50 1.47 1.45 1.85 1.32 1.32 1.30 1.30 4.54 7.41	2 3rd Year WW 2 6.50 1.47 4.57 1.85 2.03 1.72 0.00 1.30 4.94 7.41 0.00		6.50 6.57 1.87 4.57 1.85 2.03 1.73 0.00 1.30 4.94 7.41 0.00	top Sth Year & # 62 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 12 # 72 # 72	V Savings to 6 0 # 7 # 7 # 5 # 6 # 0 # 0 # 0 # 4 # 1 #	20 Year IW Soviege 6.39 1.45 4.50 1.82 1.99 1.70 0.00 1.28 4.85 7.29 0.00	to 7th Year kill # 6.29 # 1.45 # 4.50 # 1.99 # 1.99 # 1.70 # 0.00 # 1.28 # 4.86 # 7.29 # 0.00	awingt to Bith Ye	arkW Savingt to 6.19 # 1.45 # 4.50 # 1.99 # 1.99 # 1.28 # 4.56 # 7.28 #	5tb Year KW Savia 6.39 1.45 4.50 1.82 1.99 1.70 0.00 1.28 4.85 7.29 0.00	Istr 10h Year Id mi 6.3 mi 1.4 mi 4.5 mi 1.6 mi 1.5 mi 1.5 mi 1.7 mi 0.0 mi 1.2	r Savings to 1	22,182.96 4,177.82 12,333.33 5,013.20 5,892.64	# 22,247.56 # 4,180.99 # 12,368.35 # 5,027.80 # 5,909.80 # 4,442.25 # 36,865.61 # 3,791.33 # 18,712.69		# 22,247.55 # 4,189.39 # 12,269.25 # 5,027.80 # 5,909.80 # 4,442.25 # 26,865.61 # 3,791.23 # 18,712.69 # 54,863.86		22,247.55 4,189.99 12,369.25 5,007.80 5,009.80 4,442.25 36,865.61 3,791.23 18,712.69	21,819,22 4,109,32 12,131,54 4,921,01 5,796,04 4,356,74 36,155,94 3,718,35	13 8 14 8 14 8 14 8 14 8 14 8 14 8 14 8 14	21,829,29 4,109,33 12,131,14 4,931,01 5,796,06 4,256,78 36,155,54 3,718,35 18,352,47	* 21,819.29 * 4,109.33 * 12,131.14 * 4,921.01 * 5,766.04 * 4,256.74 * 36,155.94 * 3,718.25 * 18,352.47 * 53,807.72	# 21,813 # 4,228 # 12,127 # 4,628 # 5,794 # 4,255 # 26,165 # 26,165 # 2,717 # 18,367	1.19 #1 21,0 1.20 #1 4,22 1.20 #1 4,22 1.20 #1 4,22 1.46 #1 5,27 1.46 #1 5,27 1.51 #1 4,22 5.59 #1 2,11 1.23 #1 2,77 7.42 #1 18,3 2.51 #1 5,27	807.28 207.07 124.46 1028.20 254.24 136.04 716.20 342.27 778.10
455.405800000 2003709 2003709 2003209 200455 200455 200456 2004	ALCTIN (UTIES COMMAND) SAFE ON DESCRIPTION PROCESS MARCHAR DE LA COMMANDE SAFE DE LA COMMANDE DE LA COMMANDE ALCONTROCT MARCHAR DE LA COMMANDE DE LA COMMANDE ALCONTROCTANO MARCHAR DE LA COMMANDE SAFE DE LA COMMANDE ALCONTROCTANO MARCHAR DE LA COMUNICIA DEL COMMANDO MARCHAR DE LA COMUNICIA DE	Mu DS, 2 Mu DS, 2	019 \$22 019 \$51 019 \$51 019 \$51 019 \$52 019 \$53 019 \$53 019 \$53 019 \$53 019 \$53 019 \$53 019 \$53 019 \$54 019 \$54 019 \$54 019 \$54	800.00 480.00 75.00 82.00 80.00 600.00 78.00 78.00 225.00	5.26 1.19 2.30 1.50 1.64 1.40 0.00 1.05 4.00	24154.44 4,551 12,435 5,461 6,419	Paid Paid Paid Paid Paid		24 10 14	6.48 6.48 1.47 4.56 1.25 2.02 1.72 0.00 1.29 4.92 7.29 0.00 0.00	g to 2nd Ye	650 147 457 457 203 125 125 125 120 120 454 120 120 120 120 120 120 120 120	b 3rd year kW 5 6.50 1.47 1.457 1.85 2.02 1.73 0.00 1.30 4.94 7.41 0.00 0.000		6.50 6.51 1.47 4.57 1.85 2.03 1.73 0.00 1.30 4.94 7.41 0.00 0.00	L DS STATUSE # 6. # 1. # 4. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1. # 1.	V Saviegt to 6 0 # 7 # 7 # 2 # 2 # 2 # 0 # 4 # 1 # 0 # 0 #	23 Year W Swige 6.39 1.45 4.50 1.99 1.70 0.00 1.28 4.85 7.29 0.00 0.00	to 7th Year kW # 6.39 # 145 # 4.50 # 132 # 199 # 170 # 0.00 # 128 # 7.29 # 7.29 # 0.00 # 0.00	avings to Boh Yo	arkwistwigt to 6.39 # 1.45 # 1.45 # 1.82 # 1.99 # 1.70 # 0.00 # 1.28 # 7.29 # 0.00 #	5th Year kW Savia 6.39 1.45 4.50 1.99 1.70 0.00 1.28 4.65 7.29 0.00 0.00	Isr Lisr Lisr <thlisr< th=""> <thlisr< th=""> <thlisr< th=""> <thlisr< td=""><td>r Sawlege to 1</td><td>22,182.96 4,177.82 12,333.33 5,013.20 5,892.64</td><td># 22,247,56 # 4,180,99 # 12,369,25 # 5,027,80 # 4,442,25 # 36,865,61 # 3,791,26 # 18,712,69 # 54,613,56</td><td></td><td># 22,247.56 # 4,129.59 # 12,369.25 # 5,027.80 # 5,909.80</td><td></td><td>22,247.55 4,189.99 12,369.25 5,007.80 5,009.80 4,442.25 36,865.61 3,791.23 18,712.69</td><td>21,819,22 4,109,33 12,121,54 4,931,01 5,796,04 4,356,76 36,155,96 3,718,35 18,352,45 53,807,72</td><td>2) 8 2 8 14 8 1 8 4 8 4 8 14 8 14 8 15 8 17 8 12 8 2 8</td><td>21,828,29 4,109,33 12,231,34 4,991,01 5,796,04 4,256,74 36,555,94 3,718,35 18,352,47 53,807,72</td><td># 21,818.29 # 4,109.33 # 12,131.14 # 4,931.01 # 5,796.04 # 4,256.74 # 36,155.94 # 3,718.25</td><td># 21,813 # 4,208 # 12,127 # 4,928 # 4,928 # 4,925 # 36,445 # 3,712 # 18,847 # 53,792</td><td>1.20 H 21,9 1.21 H 4,10 1.23 H 4,10 1.24 H 4,10 1.25 H 4,21 1.26 H 4,21 1.26 H 4,21 1.25 H 4,21 1.26 H 4,21 1.27 H 2,21 1.28 H 2,21 1.29 H 2,21 1.20 H 2,27 1.20 H 2,27 1.29 H 2,27 1.20 H 9,24</td><td>807.28 907.07 124.46 928.30 932.85 254.34 136.04 716.30 342.37</td></thlisr<></thlisr<></thlisr<></thlisr<>	r Sawlege to 1	22,182.96 4,177.82 12,333.33 5,013.20 5,892.64	# 22,247,56 # 4,180,99 # 12,369,25 # 5,027,80 # 4,442,25 # 36,865,61 # 3,791,26 # 18,712,69 # 54,613,56		# 22,247.56 # 4,129.59 # 12,369.25 # 5,027.80 # 5,909.80		22,247.55 4,189.99 12,369.25 5,007.80 5,009.80 4,442.25 36,865.61 3,791.23 18,712.69	21,819,22 4,109,33 12,121,54 4,931,01 5,796,04 4,356,76 36,155,96 3,718,35 18,352,45 53,807,72	2) 8 2 8 14 8 1 8 4 8 4 8 14 8 14 8 15 8 17 8 12 8 2 8	21,828,29 4,109,33 12,231,34 4,991,01 5,796,04 4,256,74 36,555,94 3,718,35 18,352,47 53,807,72	# 21,818.29 # 4,109.33 # 12,131.14 # 4,931.01 # 5,796.04 # 4,256.74 # 36,155.94 # 3,718.25	# 21,813 # 4,208 # 12,127 # 4,928 # 4,928 # 4,925 # 36,445 # 3,712 # 18,847 # 53,792	1.20 H 21,9 1.21 H 4,10 1.23 H 4,10 1.24 H 4,10 1.25 H 4,21 1.26 H 4,21 1.26 H 4,21 1.25 H 4,21 1.26 H 4,21 1.27 H 2,21 1.28 H 2,21 1.29 H 2,21 1.20 H 2,27 1.20 H 2,27 1.29 H 2,27 1.20 H 9,24	807.28 907.07 124.46 928.30 932.85 254.34 136.04 716.30 342.37

	Net Energy Savings (kWh)			N	et Energy Sa	avings Persis	stence (kWh)				Monthly Multiplie r	Net Demand Savings (kW)			Net Pea	k Demand	Savings I	Persistenc	e (kW)		
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	184,626	185,164	185,164	185,164	185,164	181,599	181,599	181,599	181,549	181,499		31.7117	31.7962	31.7962	31.7962	31.7962	31.2889	31.2889	31.2889	31.2889	31.2889
RETROFIT	2018																				
TOTAL		1,299,917.55	1,299,917.55	1,299,917.55	1,299,917.55	1,274,893.89	1,274,893.89	1,274,893.89	1,274,543.02	1,274,192.23		308.69	309.51	309.51	309.51	309.51	304.57	304.57	304.57	304.57	304.57
<50	205,587.02	206,185.76	206,185.76	206,185.76	206,185.76	202,216.65	202,216.65	202,216.65	202,160.99	202,105.35		60.07	60.23	60.23	60.23	60.23	59.27	59.27	59.27	59.27	59.27
>50			1,093,731.79	1,093,731.79	1,093,731.79	1,072,677.24	1,072,677.24	1,072,677.24	1,072,382.02	1,072,086.88		248.62	249.28	249.28	249.28	249.28	245.30	245.30	245.30	245.30	245.30
	84.139%																				
	15.861%	Less 50 %																			
SBL 2018																					
TOTAL	56,348.35	56,348.35	56,304.98	56,057.37	55,608.34	52,486.55	45,777.96	38,745.27	23,366.63	11,989.44		13.15	13.15	13.15	13.07	13.07	12.62	11.65	10.16	6.42	3.44
<50	54,714.24	54,714.24	54,672.13	54,431.70	53,995.69	50,964.43	44,450.39	37,621.65	22,688.99	11,641.74		12.58	12.58	12.58	12.51	12.51	12.08	11.15	9.72	6.15	3.29
>50	1,634.11	1,634.11	1,632.85	1,625.67	1,612.65	1,522.12	1,327.57	1,123.62	677.64	347.70		0.56	0.56	0.56	0.56	0.56	0.54	0.50	0.43	0.27	0.15
		Over 50 %																			
	97.100%	Less 50 %																			
HPNC 2019																					
TOTAL	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70	83,663.70		15.76	15.76	15.76	15.76	15.76	15.76	15.76	15.76	15.76	15.76
<50	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73	16,794.73		1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
>50	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97	66,868.97		14.17	14.17	14.17	14.17	14.17	14.17	14.17	14.17	14.17	14.17
	79.926%	Over 50 %																			
	20.074%	Less 50 %																			
RETROFIT	2010																				
TOTAL	184,625.81	185.163.51	185.163.51	185.163.51	185,163.51	181.599.08	181.599.08	181,599.08	181,549.10	181,499.13		31.71	31.80	31.80	31.80	31.80	31.29	31.29	31.29	31.29	31.29
<50	24,950.32	25,022.99	25,022.99	25,022.99	25,022.99	24,541.29	24,541.29	24,541.29	24,534.54	24,527.78		6.50	6.52	6.52	6.52	6.52	6.42	6.42	6.42	6.42	6.42
>50	159,675.49	160,140.52	,	,	160,140.52	157,057.79	157,057.79	157,057.79	157,014.56	156,971.35		25.21	25.27	25.27	25.27	25.27	24.87	24.87	24.87	24.87	24.87
	86.486%	Over 50 %																			

13.514% Less 50 %

PROGRAM		kW			kWh		
i noonanii	NTG	Realization Rate	Adjustment Factor	NTG	Realization Rate	Adjustment Factor	
SAVE ON ENERGY BUSINESS REFRIGERATION INCENTIVE PROGRAM	0.8300	0.6700	0.5561	0.8300	0.8700	0.7221	Verified Results not available. Most similar program is Small Business Lighting.
SAVE ON ENERGY HEATING AND COOLING PROGRAM	0.7900	0.7100	0.5609	0.7800	1.0900	0.8502	
SAVE ON ENERGY HIGH PERFORMANCE NEW CONSTRUCTION PROGRAM	0.5600	1.1300	0.6328	0.5700	1.1400	0.6498	
SAVE ON ENERGY HOME ASSISTANCE PROGRAM	1.0000	0.1700	0.1700	1.0000	0.7000	0.7000	
SAVE ON ENERGY RETROFIT PROGRAM	1.1200	1.1000	1.2320	0.9000	1.0200	0.9180	
SAVE ON ENERGY SMALL BUSINESS LIGHTING PROGRAM	0.8300	0.6700	0.5561	0.8300	0.8700	0.7221	_
AVERAGE	0.8600	0.7560	0.6304	0.8160	0.9640	0.7680	

Taken from 2017 Final Verified Results. Available as an attachment.

											18	19	20	21	22					
Taken from 2017 Final Verified Results. Available as an attachment.												Adju	istment Fac	tor						
PERSISTANCE - kWh	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Save on Energy Heating & Cooling Program	87201	87201	87201	87201	87201	87201	87201	87201	87201	87201	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Home Assistance Program	10395	10395	10395	10395	10395	10395	10395	10395	10395	10395	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Retrofit Program	2002149	2007980	2007980	2007980	2007980	1969326	1969326	1969326	1968784	1968784	1.00000	1.00291	1.00000	1.00000	1.00000	0.98075	1.00000	1.00000	0.99972	1.00000
Save on Energy Small Business Lighting Program	719798	719798	719244	716081	710345	670467	584771	494935	298487	153154	1.00000	1.00000	0.99923	0.99560	0.99199	0.94386	0.87218	0.84637	0.60308	0.51310
Save on Energy High Performance New Construction Program	93636	93636	93636	93636	93636	93636	93636	93636	93636	93636	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TOTAL																				
												Adju	istment Fac	tor						
PERSISTANCE - kW	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Save on Energy Heating & Cooling Program	24	24	24	24	24	24	24	24	24	24	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Home Assistance Program	1	1	1	1	1	1	1	1	1	1	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
Save on Energy Retrofit Program	375	376	376	376	376	370	370	370	370	370	1.00000	1.00267	1.00000	1.00000	1.00000	0.98404	1.00000	1.00000	1.00000	1.00000
Save on Energy Small Business Lighting Program	176	176	176	175	175	169	156	136	86	46	1.00000	1.00000	1.00000	0.99432	1.00000	0.96571	0.92308	0.87179	0.63235	0.53488
Save on Energy High Performance New Construction Program	18	18	18	18	18	18	18	18	18	18	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
TOTAL																				

INSTANT DISCOUNT PROGRAM NOTE - DEMAND figures not provided by the IESO

Taken from Participation and Cost Report - April 2019		
New Savings in 2018	247540 kWh	
New Savings in 2019	0 kWh	
Persistance to 2020	245505 kWh	Using the Coupon program which has a lower persistance value to be consistent.

COUPON PROGRAM - 20	17 Verified Results				Persistano	•								A	djustments	by Year								
Item	Net to Gross	Realization Ra	e Adj	ustment Factor	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
kWh Energy		1.29	2.74	3.5346	479,095	385,552	385,552	385,552	385,552	385,552	385,552	385,548	385,548	384,600	1.00	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
kW Demand		1.3	2.75	3.575	33	27	27	27	27	27	27	27	27	27	1.00	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
INSTANT SAVINGS - Prog	ram Review (see 2018 Reside	ntial Programs Evaluation Repo	rt INSTANT SAVI	NG.pdf, page 12)	Persistanc	e is Not prov	ided - Usin	g COUPON I	PROGRAM	as template														
Item	Net to Gross	Realization Rat	e Adji	ustment Factor	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026										
kWh Energy		1.333	0.881	1.174373	1.0000	0.8048	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9975										
kW Demand		1.333	0.881	1.174373	1.0000	0.8182	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000										

Instant Savings Net Energy Savings (kWh) Net Energy Savings Persistence (kWh)									
	Instant Savings		Net E	Energy Sav	ings Persi	istence (k	Wh)		

 2018
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1 Appendix 9 – 2017 Final Verified Annual LDC CDM Program

2 Results_Niagara-on-the-Lake Hydro Inc._Report_20180629

2017 Final Verified Annual LDC CDM Program Results Report Letter from the Vice-President, Policy, Engagement & Innovation

June 29, 2018

To: Ontario's Local Distribution Companies

At the mid-way point of the Conservation First Framework (CFF) Ontario's Local Distribution Companies (LDCs) along with the IESO have shown significant progress towards the 2020 CFF 7.0 TWh target. The province has achieved 1.8 TWh of persisting energy savings in 2017, the highest performing year on record. Approximately 20% (\$364M) of the allocated \$1.835B CFF LDC Conservation Demand Management (CDM) budget was accounted for in 2017. From 2015, LDCs have achieved 4.8 TWh of energy savings, representing 69% of the CFF 7.0 TWh target. The savings realized to date demonstrate the significant efforts made by LDCs and the IESO in delivering and promoting conservation programs across the province.

Key highlights from the 2017 results include:

- The share of residential portfolio savings increased for the third consecutive year, accounting for 46% of 2017 results, while the business portfolio program contributed to 45%, and local/pilot/centrally delivered programs accounting for 9% of 2017 savings.
- The Coupon & Instant Discount residential retail program produced a record achievement of 740 GWh of persisting energy savings, increasing by over 53% of the results from 2016. LED light bulbs remained the most common measure accounting 91% of savings.
- The Retrofit program achieved 663 GWh of persisting energy savings in 2017, which represents a small reduction in savings despite completing approximately half the number projects compared to 2016 results (including adjustments). Lighting continues to represent the majority of results, representing 79% of savings in 2017.
- The Process and Systems Upgrades Program achieved 15 GWh in 2017, but also verified an additional 65 GWh in 2016 completed projects and 11 GWh in 2015 completed projects as part of this year's evaluation. Behind-the-meter generation projects account for 82% of program savings-to-date.
- o The data lag associated with unreported (yet completed) 2017 projects for the Retrofit and Process and Systems Upgrade programs remain an ongoing challenge. Together with the Heating & Cooling program, these programs have approximately 723 GWh in unverified savings yet to be reported by LDCs for which is anticipated to be reported a future verified annual results reports as 2017 adjustments.

Minor revisions were made to the final 2017 results relative to the preliminary 2017 results issued to LDCs on June 1, 2018. Details on the revisions between the 2017 preliminary and final verified results can be found in the 2017 Frequently Asked Questions (FAQs) along with key 2017 evaluation findings and province-wide and local program cost effectiveness test results posted alongside LDC results.

Consistent with prior year evaluation cycles, all 2017 final verified annual results reports will be posted on the IESO website in early July. LDC-specific cost effectiveness test results (program- and portfolio-level) will be available by September 15, 2017. Finally, 2017 EM&V reports will be available later this summer along with key program recommendations to be shared with the Joint Program Operations Committee (JPOC) and associated committees.

I look forward to the continued collaboration with LDCs and stakeholders building off lessons learned and implementing feedback from the mid-term review process to enhance current programs and future efforts.

Sincerely,

Terry Young Vice-President, Policy, Engagement & Innovation Independent Electricity System Operator

2017 Final Verified Annual LDC CDM Program Results Report Table of Contents

#	Worksheet Name	Worksheet Description
1	How to Use This Report	Describes the contents and structure of this report
2	Report Summary	 A high level summary of the Final 2017 Annual Verified Results Report, including: 1) progress toward the LDC's: a) Allocated 2020 Annual Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) annual savings and spending; 4) Annual FCR Progress; 5) annual LDC CDM Plan spending progress; 6) graphs describing: a) contribution to 2020 Target Achievement by program; b) 2017 LDC CDM Plan Budget Spending by Sector; c) annual energy savings persistence to 2020 by year; d) your Allocated Target achievement progress relative to your peers;
3	LDC Rankings	A comprehensive report of each LDC's performance rankings against all other LDCs in major performance categories.
4	LDC Progress	 A comprehensive report of 2017 conservation results including: 1) activity; 2) savings including; a) energy and peak demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target acheivement; and 3) spending, including participant incentives and administrative expenses and IESO Value Added Services Costs. Data is grouped by category and summarized at the LDC level.
5	Province-Wide Progress	 A comprehensive report of 2016 conservation results including: 1) activity; 2) savings including; a) energy and peak demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target acheivement; and 3) spending, including participant incentives and administrative expenses and IESO Value Added Services Costs. Data is grouped by category and summarized at the province wide level.
6	LDC Savings Persistence	A report detailing the gross and net energy and peak demand savings persistence by program and implementation year (2015, 2015 Adjustment, 2016, 2016 Adjustment and 2017) at the LDC Level.
7	Province-Wide Savings Persistence	A report detailing the gross and net energy and peak demand savings persistence by program and implementation year (2015, 2015 Adjustment, 2016, 2016 Adjustment and 2017) at the province wide Level.
8	Methodology	A description of the methods used to calculate energy savings, financial results and cost-effectiveness.
9	Reference Table	Provides detailing how Province wide Consumer Program results were allocated to specific LDCs.
10	Glossary	Definitions for the terms used throughout this report.

2017 Final Verified Annual LDC CDM Program Results Report How to Use this Report

The IESO is pleased to provide you with the 2017 Final Verified Annual LDC CDM Program Results Report.

This report provides:

- electricity savings;
- 2) annual Full Cost Recovery funding model program progress; and
- peak demand savings;
- 4) IESO Value Added Services Costs
- in accordance with Section 9.2(b)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail: 1) program participation results including:

- a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);
- 2) program savings results including:

a) net 2020 annual energy and peak demand savings;

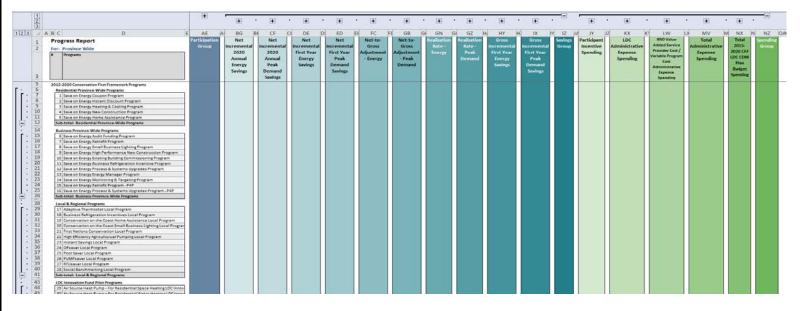
- b) allocated target, target achievement and progress towards target;
- c) incremental net first year energy and peak demand savings;
- d) annual net-to-gross and realization rate adjustments; and
- e) incremental gross first year energy and peak demand savings;
- and where available reported by: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

3) program spending including:

- a) participation incentive spending;
 b) administrative expense spending (including IESO value-added services costs);
 c) aggregated total spending; and
 d) allocated budget, LDC CDM Plan budget spending and progress towards budget;
- and for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);
- 4) program savings results persistence for:
 - a) gross energy savings;
 b) gross peak demand savings;
 c) net energy savings; and
 d) net peak demand savings;

by both the LDC specific level and the province-wide aggregated level for 2017, 2016 including adjustments, and 2015 including adjustments.

This report's format is consistent with the IESO issued Monthly Participation and Cost Report in that it is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the four results categories listed above have been grouped together for easy accessibility.



Please note:

1) Cost Effectiveness Test (CET) results at the: a) province-wide / program level is available and posted separately on LDC Extranet; b) LDC / program level will be available on the LDC Extranet by September 15, 2018; as per the Energy Conservation Agreement, version 3.0;

- 2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on approved LDC CDM Plan Cost Effectiveness Tools as of December 31, 2017 (from the i) Program Design; ii) Budget Inputs; and iii) Savings Results worksheets);
- 3) Annual FCR Progress only includes Full Cost Recovery funding model program savings results and excludes Pay-for-Performance funding model program savings results;
- 4) The complete list of approved programs and pilots as of December 31, 2017 approved LDC CDM Plans have been included, however only programs and pilots in market for a sufficient period of time to enable a valid EM&V process will have verified results;
- 5) 2017 Verified Adjustments to prior years consists of projects completed in the associated year but were not reported to the IESO by previous year's reporting deadlines (March 31, 2016 and April 15, 2017);

6) Pilot program savings are attributed to the LDC where the pilot program project is located in; and

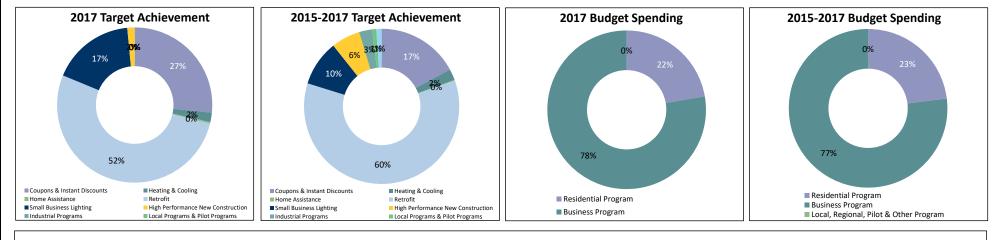
7) This Annual Verified Results Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;

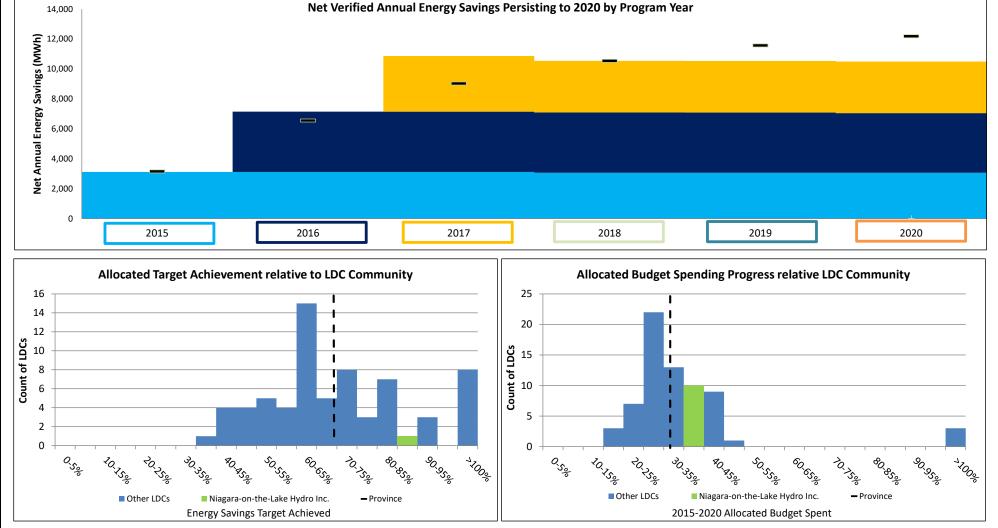
For: Niagara-on-the-Lake Hydro Inc.

	esults Metric		2015 Verified Results	2016 Verified Results	2017 Verified Results	2015-2017 Verified Results	Allocated Target / Budget	2015-2017 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2020 LDC CDM Plan Forecast	2017 LDC CDM Plan Forecast	2017 Progress versus 2017 LDC CDM Plan Forecast	2015-2017 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2017 LDC CDM Plan Forecast
:	Net \	Verified Annual Energy Savings Persisting to 2020	3,063 MWh	3,988 MWh	3,445 MWh	10,497 MWh	11,680 MWh	90 %	12,188 MWh	86 %	2,472 MWh	139 %	9,028 MWh	116 %
:	Net \	LDC Ranking - Verified Annual Energy Savings Persisting to 2020	38	36	40	38	43	12	43	8	37	30	37	46
	3	Total Spending (\$)	\$ 0	\$ 425,446	\$ 647,548	\$ 1,072,994	\$ 2,993,633	36 %	\$ 2,221,857	48 %	\$ 674,316	96 %	\$ 1,099,317	98 %
4	Ļ	LDC Ranking - Total Spending (\$)	41	41	41	40	43	22	46	4	39	29	40	17

Annual FCR Progress

#	Metric	2015 Program Year	2016 Program Year	2017 Program Year	Total 2015-2017 Framework-to-Date
1	Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	18 MWh	3,988 MWh	3,445 MWh	7,451 MWh
2	CDM Plan Forecasted Net 2020 Annual Energy Savings from Full Cost Recovery Programs	2,607 MWh (2015 Annual Milestone from FCR Programs)	2,729 MWh (2016 Annual Milestone from FCR Programs)	2,184 MWh (2017 Annual Milestone from FCR Programs)	7,520 MWh (Cumulative FCR Milestone)
FC	R Progress				99.1 %







		Allocated		2017		2015-201	7	2015-2020		2017	_	2015-2017	,	2017	_	2017	_	2015-2017		2015-201	7
		Budget		Progress		Progress		LDC CDM Plan		Progress v	ersus	Progress v	ersus	LDC CDM Plan		Progress v	ersus	LDC CDM Plan		Progress	versus
017		-		Spending		Spending		Spending		2015-2020		2015-2020		Spending Forec		2017		Spending Fores	ast	2015-201	
16				Allocated		Allocated		Forecast		LDC CDM I		LDC CDM I				LDC CDM				LDC CDM	
_				Budget		Budget				Spending I		Spending I				Spending				Spending	
			LDC				LDC												LDC		LDC
		(5)	Ranking	(%)		(%)		(5)		(%)		(%)		(5)		(%)	Ranking	(5)	Ranking		Ranking
	(2)		(#)		(#)		(#)		(#)		(#)		(#)		(#)		(#)		(#)		(#)
72,994	40	2,993,633	43	22	23	36	22	2,221,857	46	29	5	48	4	674,316	39	96	29	1,099,317	40	98	17
192,486		1,835,264,933		20		32		1,800,344,744		20		33		400,311,151		91		724,466,399		82	
0		n/a		n/a		n/a		n/a		n/a		n/a		n/a		n/a		n/a		n/a	
92,486		1,835,264,933		20		32		1,800,344,744		20		33		400,311,151		91		724,466,399		82	

rogress Report	Participation	n Forecasted (#)				Verified (#)									Program	ss vs Forecast	(%)		Participation Group	Net Increm		Annual En	nergy Savir	ngs			Verified (kW	1)			
r: Niagara-on-the-Lake Hydro Inc. Programs	Measure	2015 2016 2	2017 2018	2019 20	020 Total	2015	2016	2017	Tota	al 2016	5 20:	17 T	otal 20	017 Total	Total	I Total	2017	Total		2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	Total	2016
						Verified 2015 Results	Verified 2015 Results Adjustments	Verified 2015 Results Adjustme	d Verifi 201 s Resul	ied Verifie 5 2016 Ilts Result	ed Verif 5 20: ts Resu Adjusti	fied Ve 16 2 ults Re ments	rified Veri 2016 20 esults Res	ified 017 sults	Verifie 2015 Result	ed Verified 5 2016 ts Results	Verified 2017 Results										Verified 2015 Results	Verified 2015 Results Adjustments	Verified 2015 Results Adjustments	Verified 2015 Results	Verified 2016 Results
15-2020 Conservation First Framework Programs Residential Province-Wide Programs																															
1 Save on Energy Coupon Program 2 Save on Energy Instant Discount Program	Products Products	· ·	· ·	· ·	•					- 21,1	107	2,390 2		0,272 43,76 5,765 15,76	9 #VALU	JE!		#VALUE!				-				-					566,176
3 Save on Energy Heating & Cooling Program 4 Save on Energy New Construction Program	Equipment Homes	· ·	· ·		•	-	-			- 2	224	2	- 226	79 30 	5					-	-	-	-	-		-	-	-	-		106,387
S Save on Energy Home Assistance Program Sub-total: Residential Province-Wide Programs	Homes	1 1			- 2	2 -					3		3	5	8 -	300		400		2,326 2,326	2,661 2,661		-	-		4,987 4,987	-	-	-	-	2,661 675,224
Business Province-Wide Programs 6 Save on Energy Audit Funding Program	Projects	1			. 1															76,159						76.159					
Save on Energy Retroft Program Save on Energy Small Business Lighting Program	Projects Projects		49 21 104 43	-	9 98 - 161		-				53 48	2	55 49	45 10 106 15	0 -	5,500				1,747,175	2,303,157 271,274	1,737,959 290,157	734,038 124,958		24 285,591		-	17,921		17,921	2,303,157 271,274
Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program	Projects Projects		1 1	1 1	2 7	-	-				4	-	4	1	5 -	400				425,850	152,197	57,000	57,000		00 114,000		-	-			152,197
1 Save on Energy Business Refrigeration Incentive Program 12 Save on Energy Process & Systems Upgrades Program	Projects Projects	· ·	20 30	D	- 50	- 0						•	-	• •			-			-	-	98,400	147,600	-	-	246,000	-	-	-		-
13 Save on Energy Energy Manager Program 14 Save on Energy Monitoring & Targeting Program	Projects Projects	1 -	- 140	0 50 ·	- 191 	-	-					-	-	•				•		283,809	-	-	133,000	47,5	- 00	464,309	-	-	-	-	-
15 Save on Energy Retrofit Program - P4P 16 Save on Energy Process & Systems Upgrades Program - P4P	Projects Projects		· ·		· ·	•	-					•	-	• •						-	-	-	-	-	-	-	-	-	-	-	-
ub-total: Business Province-Wide Programs ocal & Regional Programs																				2,604,520	2,726,628	2,183,516	1,196,596	747,2	06 399,591	9,858,057	-	17,921	-	17,921	2,726,628
12 Adaptive Thermostal Local Program 18 Business Refrigeration Incentives Local Program	Homes Projects	· ·	· ·			- :						•	•							•	•	-				-		-	-		
19 Conservation on the Coast Home Assistance Local Program 20 Conservation on the Coast Small Business Lighting Local Program	Homes Projects	· ·				-	-					-	-							-	-	-				-	· ·	-	-		-
21 First Nations Conservation Local Program 22 High Efficiency Agriculturual Pumping Local Program	Homes Projects		· ·				•					•	-							-	-	-	-		-	-	-	-	-	-	-
23 Instant Savings Local Program 24 OPsaver Local Program	Homes Projects					-	-					-								-	-	-	-			-	-	-	-	-	-
25 Pool Saver Local Program 26 PUMPsaver Local Program	Homes Projects				•	-	-		• •			-	-							-	-	-	-	-	-	-	-	-	-	-	-
27 RTUsaver Local Program 28 Social Benchmarking Local Program	Projects Participants	· ·	· ·		· ·	<u> </u>	-					-	-								-	-	-	-	-	-		-	-	-	
ub-total: Local & Regional Programs DC Innovation Fund Pilot Programs																				-	-	-	-	-	-	-	-	-	-	-	-
29 Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund 30 Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund	Homes Homes	 			· ·	•	•						•	•						-	-	-	•	-		-		-	-	•	-
31 Block Heater Timer LDC Innovation Fund Pilot Program 32 Commercial Energy Management and Load Control (CEMLC) LDC Innovation	Equipment Projects	· ·				-	-					-	-							-	-	-				-	-	-	-		-
33 Conservation Cultivator LDC Innovation Fund Pilot Program 34 Data Centre LDC Innovation Fund Pilot Program	Projects Projects	1 -	· ·		· 1	· ·	•		4	4 -		•	-		4 4	100		400		187,000	-	-	-		-	187,000	-	-	90,118	90,118	-
35 Electronics Take Back LDC Innovation Fund Pilot Program 36 Energy Reinvestment LDC Innovation Fund Pilot Program	Equipment Projects		· ·			· ·						•	•							-	•	-				-	-	-	-	-	•
 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Hotel/Motel LDC Innovation Fund Pilot Program 	Homes Projects	· ·			•		-					-		•							-	-				-	· ·	-			
39 Intelligent Air Technology LDC Innovation Fund Pilot Program 40 OPsaver LDC Innovation Fund Pilot Program	Projects Projects				· ·	-	-						-	• •						-	-	-	-	-	-	-	-	-	-	-	-
41 PUMPsaver LDC Innovation Fund Pilot Program 42 Residential Direct Install LDC Innovation Fund Pilot Program	Projects Homes				· ·	-	-			 			-	• •						-	-	-	-	-	-	-	-	-	-	-	-
13 Residential Direct Mail LDC Innovation Fund Pilot Program 14 Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	Homes Homes		· ·		· ·	-	-			 		-	-	• •						-	-	-		-	-	-	-	-	-	-	-
5 Retrocomissioning LDC Innovation Fund Pilot Program 6 RTUsaver LDC Innovation Fund Pilot Program	Projects Projects		· ·		· ·	-	•			 		-	-	· ·						-	-	-			-	-	-	-	-		-
7 Small & Medium Business Energy Management System LDC Innovation Fun 8 Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	Projects Homes	· ·			• •	-							-	· ·						-	-	-	-		-	-		-	-	-	-
9 Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund 0 Truckload Event LDC Innovation Fund Pilot Program	Homes Products	· ·	· ·		· ·	-	-			· ·		-		· ·						-	-	-		-		-	-	-	-	-	
ib-total: LDC Innovation Fund Pilot Programs																				187,000	-	-	-	-		187,000	-	-	90,118	90,118	
51 Industrial Accelerator Program 52 Save on Energy Energy Performance Program for Multi-Site Customers	Projects Projects				· ·		•			 		•	-	· ·						-	-	-		-	-	-	-	-	-		-
33 Whole Home Pilot Program ub-total: Centrally Delivered Programs	Homes														_						-	-	-			-		-	-		-
ogram Enabled Savings 4 Save on Energy Retrofit Program Enabled Savings	Claims					· ·	1		-	1 -			-		1					· ·	-	-		-	-	-		-	-		-
55 Save on Energy High Performance New Construction Program Enabled Savin 56 Save on Energy Process & Systems Upgrades Program Enabled Savings	Claims Claims				· ·	•	-					-	-	• •	-					-	-	-	-	-	-	-	-	-	-	-	-
ub-total: Program Enabled Savings																				-	-	-	-	-		-	-	-	-		
7 Non-Approved Program 8 Unassigned Program	Various Various	· ·	· ·		· ·	•						•	-	•	-					-	-	-	•	-	-	-	· ·	-	-	•	-
ub-total: Other																				-	-	-	-		-	-	-	-	-	-	-
total: 2015-2020 Conservation First Framework ervation Fund														_						2,793,846	2,729,289	2,183,516	1,196,596	747,2	399,591	10,050,044		17,921	90,118	108,039	3,401,852
9 Conservation Voltage Reduction Conservation Fund Pilot Program 10 EnerNOC Conservation Fund Pilot Program	Projects Projects	· ·	· ·			-	-					-	-							-	-	-	-	-	-	-	· ·	-	-	-	-
Figure 3 Figure 3	Projects Projects		· ·			-	-					-	-							-	-	-	-	-	-	-		-	-	-	
Ontario Clean Water Agency P4P Conservation Fund Pilot Program See Formance Based Conservation Fund Pilot Program Forbild Packbard for Conservation Fund Pilot Program	Projects Projects																				-		-		-	-		-			
65 Social Benchmarking Conservation Fund Pilot Program 66 Strategic Energy Group Conservation Fund Pilot Program	Participants Projects	· ·			· ·									· ·						-	-	-		-	-	-					-
total: Conservation Fund I-2014+2015 Extension Legacy Framework Programs																				-	-	-	-	-		-	-	-	-		-
sidential Program Appliance Retirement Initiative	Appliances					8				8 -					8											1.				-	<u> </u>
58 Coupon Initiative 59 Bi-Annual Retailer Event Initiative	Products Products	1 1	9,000 9,000	9,000 7,	,500 34,502	2 3,549 6,102	938			487 -			-	- 4,48 - 6,16		- 700	-	50		253,274	566,176	260,280	260,280	260,2	80 216,900	1,817,190	85,119 143,732	22,927		108,046 145,228	
70 HVAC Incentives Initiative 71 Residential New Construction and Major Renovation Initiative	Equipment Homes	1 1	70 120	0 50 ·	- 242					175 -		-	-	- 17		- 600	-	243		66,343	106,387	27,895	53,422	25,5	28 -	279,575		645		66,343	
ub-total: Residential Program																				319,617	672,563	288,175	313,702	285,8	08 216,900	2,096,765	294,549	25,068	-	319,617	
ommercial & Institutional Program 2 Energy Audit Initiative 3 Efficiency: Equipment Replacement Incentive Initiative	Projects					1	-			1 -					1	-						-	-			-		76,159		76,159	
4 Direct Install Lighting and Water Heating Initiative	Projects Projects Brojects					70			-	81 - 47 -		-	-	- 4	7					-	-	-				-	1,697,753 71,527 207,206	31,501	7,188		-
New Construction and Major Renovation Initiative Existing Building Commissioning Incentive Initiative ub-total: Commercial & Institutional Program	Projects Projects					1			-	1 -					1					-	-	-	-		-	-	207,306 - 1,976,586	218,544 - 326,204	-	425,850 - 2,308,949	-
dustrial Program										_													-				2,370,300	320,204	0,155	2,303,349	
Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative	Projects Projects	· ·	· ·			- 5	-					-	-		5					-	-	-	-	-	-	-	- 283,809	-	-	- 283,809	-
 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiat b-total: Industrial Program 	Projects					-			-	• •		-	-							-	-	-		-		-	283,809		-	- 283,809	-
w Income Program Ø Low Income Initiative	Homes				· _ ·	2			-	2 -		-	-	-	2					<u> </u>	-	-	-		-	-	2,326	-		2,326	
b-total: Low-Income Program her																				-	-	-	-	-	-	-	2,326	-	-	2,326	-
ner 1 Aboriginal Conservation Program 2 Program Enabled Savings	Homes Claims	· ·	· ·		· ·	- 1						-	-	• •	1 1	100		100		40,750	-	-	-		-	- 40,750	- 40,750		-	- 40,750	-
ub-total: Other	Ciolilla									-1 -							1	100		40,750	-	-	-	-	-	40,750	40,750	-	•	40,750	-
-total: 2011-2014+2015 Extension Legacy Framework al																										2,137,515			•	2,955,451 3,063,490	
						_																	,	,,.		,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,_//	,	

														Net	Net In
5	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Progress (S Total Verified 2015 Results	K) Total Verified 2016 Results	2017 Verified 2017 Results	Total	LDC CDM Plan Allocated Target	Progress versus Target (%)	Incremental 2020 Annual Energy Savings	Forecas 2015
		-	566,176	64,552	630,728	497,523 418,242	1,128,251 418,242								-
	-		- 106,387	- 1,977	- 108,364	418,242 67,894	418,242								-
	-	-	- 2,661 675,224	- - 66,529	- 2,661 741,753	- 10,395 994,054	- 13,056 1,735,807	-	100 27,875		262 34,807				-
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1		17,921	2,303,157 271,274	465,001 54,736	2,768,158 326,010	1,804,151 593,836	4,590,230 919,846	. 1	120 120	104 205	79 145				256 16
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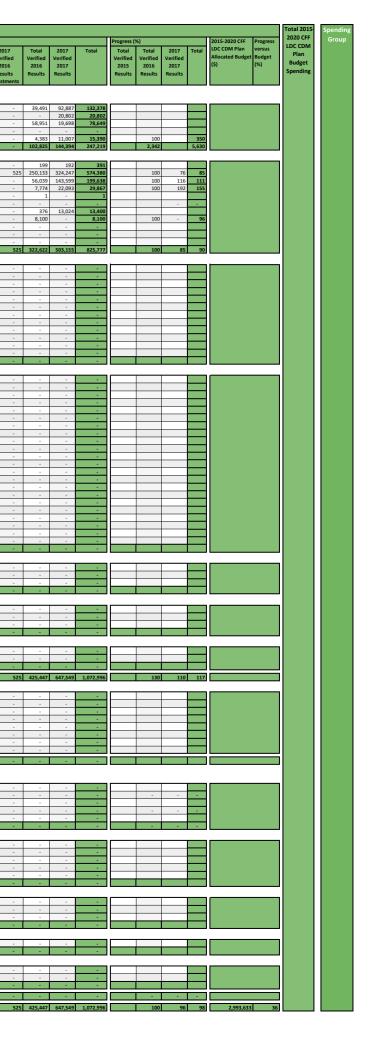
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Progress Report	Participation	Participa	Net Incremental 2020 Annual Energy Savings
For: Province Wide Programs 2015-2020 Conservation First Framework Programs	Unit of Forecasted (#) Measure 2015 2016 2017 2018 2019 2020 Total	Verified (#) Progress vs Forecast (%) Progress vs Forecast (%) 2015 2016 2017 Total 2016 2017 Total 2016 Verified Verified Verified Verified Verified 2016 2017 Total 2015 2015 2015 2016 2016 2016 2017 Verified Results Results Results Results Results Results Results Adjustments Adjustments Adjustments Results Results Results	P Forecasted (kVh) Certified (kVh) Verified (kVh) Verified (kVh) Course Certified (kVh) Course Certified (kVh) Course Course<
Residential Province-Wide Programs 1 Save on Energy Coupon Program 2 Save on Energy Instant Discount Program 3 Save on Energy Heating & Cooling Program 4 Save on Energy New Construction Program 5 Sub-total: Residential Province-Wide Programs	Products 1,492,546 4,932,060 4,370,649 1,338,555 1,271,946 943,135 14,348,891 Products - 1,049,588 1,928,259 376,123 302,918 3,656,638 Equipment 23,586 50,057 47,909 32,026 29,400 28,686 211,664 Homes 3,333 7,187 8,319 6,979 8,500 6,967 41,285 Homes 30,753 15,512 56,654 39,092 37,435 35,128 264,574	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	38.903,574 178,001,495 94,984,376 34,119,050 31,933,763 26,295,762 404,238,020 31,200,969 4,478,933 - 35,679,902 427,989,595 49,843,524 477,833,119 419,524,020 - 16,125,173 27,499,665 5,217,810 3,646,754 52,489,402 - - - 320,679,224 12,452,123 34,611,838 35,274,980 26,149,259 20,750,461 19,960,178 148,692,439 10,181,961 1,384,912 - - - 320,679,224 702,622 3,515,448 8,391,603 8,489,558 8,705,173 8,242,523 38,228,954 - 70,679 285,368 36,6047 1,624,371 39,724 2,021,695 1,746,478 2,097,128 6,765,544 8,354,009 6,961,063 6,978,355 6,748,178 37,209,4277 975,756 275,931 - 1,251,667 7,538,441 1,662,019 9,151,142 8,240,971 54,155,447 222,894,325 163,079,741 103,218,622 73,558,242 64,619
Business Province-Wide Programs 6 Save on Energy Attrict Linding Program 7 Save on Energy Steriofit Program 8 Save on Energy Steriofit Program 9 Save on Energy Steriofit Program 10 Save on Energy Steriofit Program 10 Save on Energy Steriofit Program 11 Save on Energy Existing Building Commissioning Program 12 Save on Energy Process & Systems Upgrades Program 13 Save on Energy Process & Systems Upgrades Program 14 Save on Energy Manager Program 15 Save on Energy Retrofit Program 16 Save on Energy Retrofit Program 17 Save on Energy Manager Program 18 Save on Energy Manager Program 19 Save on Energy Manager Program 19 Save on Energy Netrofit Program 10 Save on Energy Netrofit Program 10 Save on Energy Netrofit Program 11 Save on Energy Netrofit Program 12 Save on Energy Netrofit Program 13 Save on Energy Netrofit Program 14 Save on Energy Netrofit Program 15 Save on Energy Netrofit Program 16 Save on Energy Netrofit Program </td <td>Projects 61 293 433 444 443 359 2.033 Projects 51,299 273,262 347,045 262,455 232,887 222,156 1.395,104 Projects 59 293 4,784 4,647 4,576 4,568 18.022 Projects 59 293 4,784 4,647 4,576 4,568 18.027 Projects - 14 41 38 40 39 172 Projects - 306 16,748 21,710 20,621 16,934 75,560 Projects 41 3,338 172 170 115 112 3984 Projects 47 117 219 377 286 240 1.286 Projects 134 1,166 - - - 1.300 Projects - 5 - - - 1.300</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>749,725 1,683,258 21,717,556 21,467,301 21,393,335 19,546,353 86,557,528 . 2,159,479 173,533 2,333,012 2,799,382 2,720,527 5,519,909 22,801,451 107,584,112 687,224,278 475,392,019 341,222,708 317,615,797 311,34,463 2,441,033,377 19,147,625 86,577,438 27,630,204 133,355,67 55,174,806 193,222,630 719,427,436 640,999,201 3,329,551 34,177,972 27,335,461 12,419,455 14,622,047 14,474,979 106,359,178 - - 10,70,7078 31,935,607 32,012,207 5,519,909 22,801,481 - 3,613,637 3,074,213 3,33,494,523 180,577,488 - - - 70,126 73,0126</td>	Projects 61 293 433 444 443 359 2.033 Projects 51,299 273,262 347,045 262,455 232,887 222,156 1.395,104 Projects 59 293 4,784 4,647 4,576 4,568 18.022 Projects 59 293 4,784 4,647 4,576 4,568 18.027 Projects - 14 41 38 40 39 172 Projects - 306 16,748 21,710 20,621 16,934 75,560 Projects 41 3,338 172 170 115 112 3984 Projects 47 117 219 377 286 240 1.286 Projects 134 1,166 - - - 1.300 Projects - 5 - - - 1.300	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	749,725 1,683,258 21,717,556 21,467,301 21,393,335 19,546,353 86,557,528 . 2,159,479 173,533 2,333,012 2,799,382 2,720,527 5,519,909 22,801,451 107,584,112 687,224,278 475,392,019 341,222,708 317,615,797 311,34,463 2,441,033,377 19,147,625 86,577,438 27,630,204 133,355,67 55,174,806 193,222,630 719,427,436 640,999,201 3,329,551 34,177,972 27,335,461 12,419,455 14,622,047 14,474,979 106,359,178 - - 10,70,7078 31,935,607 32,012,207 5,519,909 22,801,481 - 3,613,637 3,074,213 3,33,494,523 180,577,488 - - - 70,126 73,0126
Local & Regional Programs 17 / Adaptive Thermosta Local Program 18 Business Refrigeration Incentives Local Program 19 Conservation on the Coast Home Asistance Local Program 20 Conservation on the Coast Small Business Lighting Local Program 21 First Nations Conservation Local Program 22 High Efficiency Agriculturual Pumping Local Program 23 Instant Savings Local Program 24 OfB-saver Local Program 25 Pool Saver Local Program 26 POUMPaver Local Program 27 RTUsaver Local Program 27 RTUsaver Local Program 28 Social Benchmarking Local Program 28 Social Benchmarking Local Program	Homes - 1,041 5,000 5,000 5,000 21,041 Projects - - 171 951 665 542 2,323 Homes - <td< td=""><td>· · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · ·<td>181,915 873,750 <t< td=""></t<></td></td></td<>	· · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · <td>181,915 873,750 <t< td=""></t<></td>	181,915 873,750 <t< td=""></t<>
LDC Innovation Fund Pilot Programs 29 Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund 30 Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund 31 Block Heater Timer LDC Innovation Fund Pilot Program 32 Commercial Energy Management and Load Control (CEMLC) LDC Innovatio 33 Conservation Cultivator LDC Innovation Fund Pilot Program 34 Data Centre LDC Innovation Fund Pilot Program 35 Electronics Take Back LDC Innovation Fund Pilot Program 36 Energy Reinvestment LDC Innovation Fund Pilot Program 37 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program 38 Intelligent Air Technology LDC Innovation Fund Pilot Program 39 Intelligent Air Technology LDC Innovation Fund Pilot Program 40 OPsaver LDC Innovation Fund Pilot Program 41 PLUMPsaver LDC Innovation Fund Pilot Program 42 Residential Direct Install LDC Innovation Fund Pilot Program 43 Residential Direct Install LDC Innovation Fund Pilot Program 44 Residential Direct Install LDC Innovation Fund Pilot Program 45 Retrocomissioning LDC Innovation Fund Pilot Program 46 Retrol LDC Innovation Fund Pilot Program 47 Small & Medum Business Energy Management System LDC Innovation Fund Pilot Program 47 Small & Medum Business Energy Management System LDC Innovation Fund Pilot Program 47 Small & Medum Business Energy Management System LDC Innovation Fund Pilot Program 47 Small & Medum Business Energy Management System LDC Innovation Fund Pilot Program 48 Seldential Direct Management System LDC Innovation Fund Pilot Program 49 Residential Direct Management System LDC Innovation Fund Pilot Program 40 Residential Direct Management System LDC Innovation Fund Pilot Program 40 Residential Direct Management System LDC Innovation Fund Pilot Program 40 Residential Direct Management System LDC Innovation Fund Pilot Program 40 Residential Direct Management System LDC Innovation Fund Pilot Program 41 Residential Direct Management System LDC Innovation Fund Pilot Program 42 Residential Dinect Management System LDC Innovation Fund Pilot	Homes - <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>- 1,399,957 910,594 928,475 3,949,620 - - 205,088 203,083 408,171 - - - - - - - - 117,155 117,155 - - 1,614,988 1,635,045 1,460,702 1,460,702 6,171,437 -</td>	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	- 1,399,957 910,594 928,475 3,949,620 - - 205,088 203,083 408,171 - - - - - - - - 117,155 117,155 - - 1,614,988 1,635,045 1,460,702 1,460,702 6,171,437 -
49] Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund 50 Truckload Event LDC Innovation Fund Pilot Program Sub-total: LDC Innovation Fund Pilot Program Centrally Deliveraced Programs 51 Industria Accelerator Program 52 Save on Energy Energy Performance Program for Multi-Site Customers 53 Whole Home Pilot Program Sub-total: Centrally Delivered Programs	Homes - <td>· · · · · · · · · · · · ·<td>· ·</td></td>	· · · · · · · · · · · · · <td>· ·</td>	· ·
Program Enabled Savings 54 Save on Energy Retrofit Program Enabled Savings 55 Save on Energy High Performance New Construction Program Enabled Savi 56 Save on Energy Process & Systems Upgrades Program Enabled Savings Sub-total: Program Enabled Savings Other 57 Non-Approved Program 58 Unossigned Program	Claims 5 10 1 1 1 15 Claims - <	· 9 18 28 14 42 24 14 · · 1 1 1 1 360 420 2,400 525 · · 1 1 1 1 3 · · 1 1 1 2 2	8,571,537 · · · 8,571,537 ·
Sub-total: Other Sub-total: 2015-202 Conservation First Framework Conservation Fund 59 Conservation Fund Pilot Program 60 EnerNOC Conservation Fund Pilot Program 61 Home Depot Home Appliance Market UpHt Conservation Fund Pilot Program 62 Lobiaw PAP Conservation Fund Pilot Program 63 Ontario Clean Water Applicy PAP Conservation Fund Pilot Program 64 Performance Based Conservation Fund Pilot Program 65 Social Benchmarking Conservation Fund Pilot Program 66 Strategic Energy Group Conservation Fund Pilot Program 58b-total: Conservation Fund Pilot Program 59 Sub-total: Conservation Fund Pilot Program	Projects - 1 - - 1 Projects 13 - - - 13 Projects 13 - - - 13 Projects 1 5 - - 16 Projects 4 - - - 4 Projects - - - - 4 Projects 12 30 20 - - 42,336 Projects 11 - - - 11 11 - 11	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	1 1.011.917 6.998,374 33,010.160 31,114,518 023,02,386 275,437,355 .
2011-2014/2015 Extension Legacy Framework Programs Residential Program 67 / Appliance Retriement Initiative 68 / Coupon Initiative 69 / Bi-Annual Retailer Event Initiative 70 / HVAC Incentives Initiative 71 Residential New Construction and Major Renovation Initiative 51 ketsidate: Residential Program Commercial & Institutional Program	Appliances 12,318 1,762 1,762 1,762 - 17,604 Products 3,704,850 1,450,265 2,059,209 1,530,740 1,431,526 1,222,294 11,386,584 Products 459,368 -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	727,564 1 1 <th1< th=""> 1</th1<>
72 Energy Audit Initiative 73 Efficiency: Equipment Replacement Incentive Initiative 74 Direct Install Lighting and Water Heating Initiative 75 New Construction and Major Renovation Initiative 76 Existing Building Commissioning Incentive Initiative 5ub-total: Commercial & Institutional Program 77 Process and Systems Upgrades Initiatives - Project Incentive Initiative 78 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Projects 374 - - 374 Projects 338,360 84 263 98 72 67 338,540 Projects 273,640 726 285 295 275 393 275,614 Projects 21,138 - - - - 21,138 Projects 11 - - - 11 11 Projects 11 - - - 11	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	16,268,994 - - - 16,268,994 - 43,557,756 - - - - - - - 43,557,756 - - - - - - - - 43,557,756 - <t< td=""></t<>
79 process and systems Upgrades Initiatives - Monitoring and Targeting Initiation Sub-total: Industrial Program Low income Program 80 Low income Initiative 50-total: Low-Income Program Other 81 Aboriginal Conservation Program	Projects 1 - 6 6 6 25 Homes 1,330,550 - - - - 1,330,550 Homes 527,925 - - - - 527,925		· ·
81 Aborgnam Enabled Savings 82 Program Enabled Savings Sub-total: Other Sub-total: 2011-2014+2015 Extension Legacy Framework Total	Homes S2/3/25	1,580 . . 1,586 . . . 1,580 14 .1 13 	3.199,955 - - - 3.199,955 . - 3.423,409 - - . -<

Net Progress (%) 2015-2020 CFF Progress Increme	
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30,654,372 311 328 105 127 1,495,881,724 124 105 135 118 60,386,222 - 138 96 99 76,633,238 25 90 177 121 1,612,399 - 37 35 70,227,724 8 84 11 31 33,631,127 103 55 73 - - - - - 82,018,460 71 63 83 24,136,997 24,136,997 95 95 95 95 102	155 193 3,527 3,541 3,247 14,305 - 460 37 497 355 351 321 373 28 55 16,537 94,622 03,963 103 3,3323 2,78 12,77 1,409 15,58 70 10,13 22,28 51 103 33,323 2,78 12,77 1,409 15,58 70 10,13 22,28 100 108 149 122,57 31,93,24.57 31,94,23.57 31,94,23.57 31,94,24.57 31,93,24.57 31,94,24.57 31,93,24.57 31,94,24.57 31,93,24.57 31,94,25.56 113,93,37 2,35,07 31,94,24.57 31,93,24.57 31,94,24.57 31,93,24.57 31,94,24.57 31,93,24.57 31,94,25.56 31,94,25.56 31,94,25.56 31,94,25.56 31,94,27.57 31,94,24.57 31,94,24.57 31,94,25.56 31,94,27.57 31,94,24.57 31,94,25.56 31,94,27.57 31,94,25.57 31,94,25.56 31,94,27.57 31,94,25.56 31,94,27.57 31,95,26.57 31,94,25.56 31,94,27.57
. . . 5,918,252 1,064 1,261 660,283 	1 4 210
408,171 . 29 117,155 . . 802,485 .50 50 90,118 48 . 90,118 48 . 11,145,480 . . 90,118 48 . 11,145,480 . . 11,145,480 . . 2,864,454 	v v
6,607,732 209 209 17,830,495 405 90 35 76 - - - - - 7,921,276 264,043 264,043 - 6,600,326 463 463 - 14,521,602 1,015 1,015 -	1 201 1 2 2 4 2 4 2 4 2 4 2 4 2 1 2 1 <th1< th=""> <th1< th=""> <th1< th=""></th1<></th1<></th1<>
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43,557,756 268 268 718,522,082 123 - 121 35,647,857 113 - 125 49,151,429 199 199 199 316,077 - - 126 846,985,201 129 - 126	3.102 - - 3.102 - 3.102 - 9.657 - 9.657 - 9.657 - 9.657 3.11 3.11 3.11 5.11 5.11 5.11 5.12 - 5.12 5.12 - 1.21 5.12 <
271,908,402 131 - 92 25,183,067 120 120 - - - 297,091,469 130 - 13,348,189 130 130	23,676 5,61 71,13 71,15 5,98 3,958 63,601 13,69 7,545 73 21,928 - - 60 223,676 5,71 - 5,371 - 5,371 - 5,371 - 5,371 - 5,371 - 5,371 - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - 5,371 - - - - - - - 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 13,690,000 - - - - 1,366,000 - - - 1,366,000 - - - - 1,366,000 - - -
13,348,189 130 130 3,243,409 101 101 7,275,075 945 945 10,518,484 265 265 1,359,095,827 128 - 4,863,655,321 122 117 164 133 6,999,990,000	1.905 .

Progress (%)	Net Incremental	Net Incremental First Y Forecasted (kW)	ear Peak Demand Savin	gs	Verified (kW)				Progress (%)	Net		to-Gross Ad	ljustment -	Energy	Verified (%)							Comparison
Progress (%) Total Total 2017 Total Verified Verified Verified 2015 2016 2017 Results Results Results	First Year Energy Savings	Forecasted (kW) 2015 2016 201	7 2018 2019	2020 Total	Verified (kW) 2015 2015 Verified 2015 Results Results Adjustments	2017 Total 20 Verified Verified Verified 2015 2015 20 Results Results Res Adjustments Kenter Kenter	fied Verified 16 2016	Total2017VerifiedVerified20162017ResultsResults	Progress (%) Total Total 2017 * Verified Verified Verified 2015 2016 2017 Results Results Results	First Year Peak Demand Savings	Torce	asted (%) 2016 2013	7 2018 20	19 2020 Total	Verified (%) 2015 Verified 2015 Results	2015	Verified Ve 2015 2	iotal 2016 rified Verified 2015 2016 esults Results	2017 Verified 2016 Results Adjustments	Verified V 2016	2017 Total erified 2017 esults	Comparison (S Total T Verified Ve 2015 C Results R
92 268 546 331 2,746 2,746 2,746 93 222 194 191 51 58 21 33 61 135 94 105 90 254 636 375				327 3,085 5,827 43,335 1,448 6,766 3,637 21,355	2,025 297 5,322 7711 - 15 213 35 7,560 1,06 2			22,641 19,181 440 483	30,369 3,628 47,855 91 217 232 954 23 56 34 2,408 20 22 25	8,628 189 41 23	59	i 128 12 7 7 68 5 9 61 5 0 100 10	74 73 59 66 53 52	78 76 64 63 52 52	162 56 100	162 56 83 100	50	162 140 56 70 54 81 100 100	0 70 1 78	70 80	129 133 78 81 100	7 -3 -5 -
56 40 105 77 126 106 135 119 - 171 101 108 25 90 172 121 46 22 28 - 33 31 63 84 11 37 - 121 97 96 - - - - 66 63 83 83 95 95 95 103		16,794 91,708 70, 720 1,630 8, 940 6,883 5, - 646 1, - 159 1, 3,014 5,110 20, 1,062 2,895 2, 149 136 650 650 10,988 - 3,434 - 3,434	109 820 896 967 2,077 1,748 462 21,348 31,429	50,090 330,219 6,151 32,254 3,582 23,439 859 4,330 1,427 7,378 17,040 98,403 3,271 16,286 71 1,150 - 13,638 - 3,434	35 422 2,828 12,716 - 99 	1,055 16,599 77 	2,612 895 5,693 2,206 - 83 61 4,682 1,510 1,781 1,244 2,874 1,596 1,888	98,742 103,145 3 3,507 10,734 7,899 7,895 83 80 - 734 4,743 2,644 3,291 2,848 7,118 3,090	18.486 99 108 147 14.241 - 215 126 15.549 16 115 147 163 13 7 7 734 - 37 37 6.139 - 13 13 6.139 - 37 37 0.139 - 114 103 - - - - 0.757 84 65 5 3.484 101 - -	122 131 121 9 35 26 91 - 92 101	77 92 68 72 80 100 72	1 87 8 5 79 7 2 94 8 5 54 6 100 9 8 54 6 0 83 8 0 83 8 0 100 9 5 73 8	77 77 38 88 52 54 98 99 94 95 34 84	76 77 89 90 56 57 98 99 96 97 86 79	98 76 	90 78 53 53 75	98 85 56 100 80	91 65 79 83 93 54 64 100 83 84 77 71 82	2 833 3 93 4 71 100 7 91 5 866 1 80	82 93 67 100 91 86 73	94 88 94 57 55 100 95 72 82	0 3 -14 25 2
· · · 1,182 1,432 - 1 - 1 - 1 - 1 - - - 51 - - - 76 76 76 195 187 - - - 102 102 104			24 12 - - - 37 308 365 534 2,052 2,560 584 494 294 525 2,603 3,689 992 4,092 4,092 980 612 490				 160 - 100 - 75 14 -	89 2,021	888	- 28 203 - 112		100 100 77 88 99 88 90 99 88	91 92 00 100 1 70 70 1 82 85 1 90 90 1 82 82 1 90 90 1	82 82 90 90 80 80				81	100	100	101 100 100 171 171 100 101 82	
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264,043 266,043 266,043 463 463 463 1,015 1,015 1,015			691 14,896 12,260				· · · · · · · · · · · · · · · · · · ·	- 927 - 927 - 927 		- 590 587	98	10	100 100 1 100 100 1								75 89	
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110 - 88 60 - 30 694 694 694 112 - 64 117 117 117 119 - 67		6,702 3,368 5, 779 - 22,267 11,290 8,	713 713 - 446 4,516 3,975 - - - - - 8,904 9,927 - - 971 14,133 13,272 -	- 779 9,673 70,243 - 1,385	1,027 - 3,285 629 5,100 41 24,035 641 1,113 252 34,560 1,563	- 5,141 - 24,676 2 1,367			3,914 58 - - 5,141 660 24,676 111 - -	35 25 660 58 99 57	153 167 57	47 4 102 10 7 2 2 50	03 100 1 19 48		47 164 164 51 49	164 165 49 50	49	47 164 164 50 50				-2 11 -2 -1 -3
143 143 122 - 120 70 - 67 199 199 142 - 142 122 - 120		85,393 411 1,	298 308 288 	- 6,144 248 87,951 313 12,916 - 6,974 - 419 561 114,404	5,614 3,684 93,596 7,176 11,893 - 5,222 7,197 437 106 116,762 18,163	2,589 103,361 -4,189 7,704 - 12,419 - 543] 	03,361 121 7,704 68 12,419 178 543 130	151 119 64 178 130 119	78 89 55	2 8 79 7 9 94 9 5 9 5 9	94 94	94 94	89 77 89 54 95	88 72 55 95	87 88	89 77 89 55 95				-3 -2 -0 -1 -0
130 - 92 124 124 130 - 40 130 - 94 128 128 128		6,765 - 30,650 5,661 7,	163 17,159 5,984 163 17,159 5,984 163 17,159 5,984 164 17,159 5,984	- 6,765	13,649 7,757 7,590 - - - 21,239 7,757 2,225 477 2,225 477	- 7,590 734 29,730 - 2,702	 		7,590 112 29,730 97 20,730 112 20,730 112 20,730 112 112 112 112 112 112 112 112 112 11	60 112 68 132 132	70	7 100 10 6 10 10	00 100 1	00 100	80 75 100	79 86 100	93	80 75 100				-7
128 128 101 101 747 747 242 242 124 - 120 116 168 133		623 - 58 - 681 - 176,294 21,811 23,	 476 32,160 19,839 504 202,804 196,693 2	- 623 - 58 - 681 17,359 290,939	2,225 477 625 - 1,145 - 1,770 - 176,556 27,960 190,407 42,669	- 625 -976 169 -976 794 -1,840 202,676			625 100 169 291 794 117 02,676 115 -	100 291 117 91	100				100		75	100 76				-5

	Net-to-Gross Adjustment -	Net-to-Gross Adjustment - Peak Demand
Comparison (%) 2017 Total Total<	Energy	Forecasted (%) Verified (%) 2015 2016 2017 2018 2019 2020 Total 2015 2016 2017 Total 2016 2016 2017 2018 2019 2020 Total 2016 Verified Verified
142 140 129 7 12 2 - 133 - 59 70 70 78 80 81 78 80 81 -5 19 29 100 100 100 0 0 0 0		156 131 130 143 144 162 162 162 140 69 70 76 78 -
69 69 94 83 82 88 93 93 94 71 67 57 100 100 55 100 100 55 91 91 95 25 9 11 86 86 72 80 73 82 97 89 4		90 87 88 88 88 88 88 88 88 88 88 88 88 88 88 88 88 88 88 80 75 77 77 77 77 84 90 91 81 83 86 92 97 91 68 99 96 97 97 97 97 97 97 92 75 81 85 86 88 79 66 75 81 85 86 88 79 86 100 100 100 100 100 100 86 100 94 100 100 100 80 80 100 90 1 100 100 100 80
87 101 10 100 100 100 100 100 100 100 100 100 100 171 88 100 100 18 100 101 10 100 101 10 93 93 82		76 75 75 75 75 100 100 100 100 100 100 100 100 100 87 100 100 100 100 100 70 70 70 10 100 77 79 85 84 10 88 90 90 90 90 90 88 90 90 90 90 100 80 80 80 80 100 100 100 100 99 99 90 100
100 100 100 100 100 175		51 100 100 100 100 100 100 100 100 100 100 100 90 100 100 100 90 100 100 100 90 100 100 100 95 95 95 95 90 100 100 90 100 100
93 4 100 4 100 23 71 51 90 90 100 5 100 5 100 0 100 5		100 100 100 93 100 93 71 71 71 95 1 105 97 1 105
100 - - 9 - - - 86 86 65 - - 1 1 - - -		100 100 100 100 - - 100 100 100 100 100 100 100 100 100 100 100 100 100 99 99 99 99 100 100
.2 11 .2 .11 .2 .11 .2 .1 .3		46 47 47 46 46 162 102 100 100 100 167 164 164 50 52 51 51 51 55 49 51
		92 89 88 89 77 76 80 80 81 87 94 94 94 94 78 94 94 94 94 78 94 94 94 94 92 - - - - 92 - - - -
		88 100 100 100 100 82 1 1 81 81 100 100 100 100 100
		100 100 100 100 100 100 100 100 87 100 75 75

2017			-	Compariso				Net-to-Gross Adjustment - Peak	Realization Ra
Verified	Total Verified	2017 Verified	Total	Total Verified	Total Verified	2017 Verified	Total	Demand	2015 2 Verified Ve
2016 Results	2016 Results	2017 Results		2015 Results	2016 Results	2017 Results			2015 2 Results Re
Adjustments									Adju
142	140	129 135		7	9	-1 66			100
72 73	72 78	81 80		-3	8	28			100
100	100	100		-	-	0			94
69 84	69 84	94 95		1	-19	6 18			100 96
92	92	94			1	12			
64 100	64 100	57 55		-12	6	-2 -41			
86	86	119 94			5	26 9			
86	86	72			1	-14			
83 98	74 89	83		3	2				
58	83				-2	1			
100	87 100	119 100							
100	100								
		100				-			
		171				93			
100	100	100 121			11	18 31			
94	94	93			-6				
94	94	23			-6	-/			
100	100								
100	100								
				-					
	100								
		100 92				-2			
	100	52				-			
	94 105								
100	100 226			-	7				
92	73 92	91							
52	1,531	100			1,436				
	97	100			0				
		90				-10			
	12				12				23
100	100	66		-	-				100
100	100	00							100
				-					100
				-1					100 100
				2					100 100
				2					100
				2 -3 1					100 100 100
				2 -3 1 -6					100 100 100 76
				2 -3 -6 -3 -1 -0					100 100 100 76 100 99 71
				2 -3 -6 -3 -1					100 100 100 76 100 99
				2 -3 1 -6 -3 -1 -0 -4					100 100 100 76 100 99 71 98
				2 -3 -1 -6 -0 -4 -0 -0 -10					100 100 100 76 99 71 98 100 100
				22 3 11 6 					100 100 76 99 71 98 100
				2 -3 -1 -6 -0 -4 -0 -0 -10					100 100 100 76 99 71 99 71 98 88 98 100
				2 -3 -1 -6 -0 -4 -0 -0 -10					100 100 100 76 99 71 99 71 98 88 98 100
				2 -3 -1 -6 -0 -4 -0 -0 -10					100 100 76 99 71 100 100 100 100 101 100
				2 -3 -3 -1 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6					100 100 100 76 75 100 99 71 98 100 100 101 101 100 87 75
				2 -3 -1 -6 -6 -0 -4 -0 -10 -10 -10					100 100 100 76 99 71 98 100 100 100 101 100 87

Realizatio	on Rate - Ene	rgy							zation te -
2015 Verified 2015	2016 Verified 2015	2017 Verified 2015	Total Verified 2015	2016 Verified 2016	2017 Verified 2016	Total Verified 2016	2017 To Verified 2017	otal End	ergy
Results	Results Adjustments	Results Adjustments	Results	Results	Results Adjustments	Results	Results		
100	100		100	167	176	168	275		
100 94	119 14 107	100	102 56 97	112 20 72	112 18 86	112 19 75	107 23 54		
100		100	749		100	203	100		
96	98 94	99 84	98 90	93 68 115	95 2,610 115	94 90 115	102 87 110		
		100	100	110	100	100	100 69 107		
	94	102	97	98	98	98	94 103		
				101	99	100			
				61	93	61 93	65 79		
							48		
				100	100	100	35		
				109	109	109	114		
				31	31	31			
					87	87	37		
		48	48	54		54			
							87 92		
	109		109	104		104			
				54	19	52 54 19 24			
				103	66	103 66 83	66		
				130		130	55		
							100		
							70		
23			23	247		247			
100			100	73	72	72	118		
107			107						
100			100						
100 100 100	103 96 119		101 100 100						
76	97	100	84						
100 99 71	97	88	166 99 46						
98 100	98 100		98 100						
100	100 97	105	100						
101	- 37		101						
87	97		88						
75		98	75						

erified) 2016	2017	Total	2016	2017	Total	2017	Total
erified 2015	Verified 2015	Verified 2015	Total Verified 2015	Verified 2016	Verified 2016	Total Verified 2016	Verified 2017	
esults	Results Adjustments	Results Adjustments	Results	Results	Results Adjustments	Results	Results	
100	99		100	164	178	165	282	
100	204		106	108	108	108	88 72	
97	78 100	122	102 98	89 18	73 12	85 17	168 15	
100 81	85	100 73	749 83	89	100 86	203 88	100 108	
01	86	98	90	48	1,597 115	64 113	67	
	00	38	90	112	77	77	99	
				97 93	102 94	102 93	63 -205 111	
		403						
	99	107	102	92 103	108 104	97 103	109	
				61		61	61	
					20	20	13	
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				85	88	86	83 104	
					00		104	
				11	21	16		
					225	225		
				14		14		
							91	
							118	
	85		85					
				9 129		9 129		
				49	52	52		
				148	40	148		
				5	48	48 5	47	
				130		130	23	
		1						
				243		743		
100			100	243	96	243	01	
				243 42	38	243	82	
100			100		38		82	
					38		82	
100			100		38		82	
100 100 100	32		100 100 100 75		38		82	
100 100 100 100 100	147 206		100 100 75 100 101		38		82	
100 100 100 100	147	100	100 100 75 100		38		82	
100 100 100 100 100 187	147 206	100	100 100 75 100 101 149		38		82	
100 100 100 100 100 187 100 90	147 206	100	100 100 75 100 101 149 166 89		38		82	
100 100 100 100 100 187 100 90 59 92	147 206 79 94 96		100 100 75 100 101 149 166 89 83 83 94		38		82	
100 100 100 100 100 187 187 100 90 59	147 206 79 94		100 75 100 101 149 166 89 38		38		82	
100 100 100 100 100 187 100 90 59 92	147 206 79 94 96		100 100 75 100 101 149 166 89 83 83 94		38		\$2	
100 100 100 100 100 187 100 90 59 92 137	147 206 79 94 96 137	71	100 75 100 101 149 166 89 38 94 137		38		82	
100 100 100 100 100 100 187 100 90 59 92 137 137	147 206 79 94 96 137	71	100 75 100 101 149 38 93 8 94 137 95		38		<u>82</u>	
100 100 100 100 100 100 187 100 90 59 92 137 137	147 206 79 94 96 137	71	100 75 100 101 149 38 93 8 94 137 95				82	
100 100 100 100 100 187 100 90 92 137 137 -	147 206 79 94 94 96 137 99 99	71	100 75 100 101 149 38 94 137 95 115 -		38		82	

	Prog									/erified (kWh)						tal First Year Er	recasted (kWh)
	To Ver 20 Res	Total	Verified 2017		Verified 2016 Results	Verified 2016		Verified 2015	Verified 2015 Results	Verified 2015	Total	2020	2019	2018	2017	2016	2015
		765,993,99	403,437,234	340,391,143	35,078,081	305,313,062	22,165,621	-	2,792,208	19,373,413						138,894,384	25,201,786
	.0,354	332,141,49 217,310,35 5,324,67	87,439,371					-		- 18,146,542	234,807,827	30,911,289	32,509,308	39,893,908	59,492,171		
	17,683	18,907,68	8,240,971	9,236,638	1,646,201	7,590,437	1,430,074	-	284,282		38,839,758	6,748,178	7,002,786	7,162,451	8,731,670	6,839,822	2,354,851
		34,835,91															
	0,309	1,763,508,33 74,220,30 130,573,97	54,572,858	19,647,451	4,784,990	14,862,461	-	-			209,502,897	37,358,613	42,390,045	57,101,960	57,536,587	11,413,524	3,702,168
	3,707	2,337,20 5,193,70	1,607,081 5,193,707	730,126	730,126	-	-	-	-	-	63,974,946	3,202,223 12,447,185	15,267,872	3,116,375 18,198,809	16,714,994	1,605,383 1,346,086	-
		90,963,84 60,529,07 -							-	-	145,023,446	28,856,769	28,433,903	27,958,803	26,066,750	26,422,813	7,284,408
	4,967	108,552,21 27,034,96 2,297,749,54		27,034,967	13,565,465	13,469,502	-	-	-	-	29,699,422		-	-	-	29,699,422	
	p,540	2,297,749,54	557,919,104	1,141,759,100	547,155,665	794,535,215											
		6,861,47 680,28				1,344,706		-		-							-
	8,257	- 3,328,25	- 3,328,257			-	-	-	-	-			1,892,800			- 1,533,750	
	-	957,26			-						8,842,124 109,057,775	651,900 45,340,049	1,052,188 33,978,856	3,285,278 23,979,070	3,852,758 5,759,800		
		5,957,12			- 154,237				-	-	23,062,891	2,368,316	4,736,633	5,920,791	9,473,266		
		193,019,21 227,581,94									527,558,726	132,248,163	127,609,284	111,992,158	104,273,242		•
		408,17	-			205,088	-	-	-	-	4,296,088	728,475	910,594	910,594	1,746,425	-	-
		117,15 458,17 -	- 458,171		-	-	-	-	-	-	- 6,171,437 -	- 1,460,702 -		- 1,635,045 -		-	-
	-	90,11 - 1,145,48	-	-	-	-	-	-	-	-	3,943,734		-	-	3,943,734	-	-
	-	- 374,48	-	-	-	-	-	-	-	-	1,781,855	-	-		-	-	-
I Bisso I I I I Bisso B	-	65,79 - 2,864,45	65,795	-	-	-		-		-	1,560,000	-				-	-
i d.del. 200 i i	7,979	2,864,45 667,97 443,53		-	-	-	- 667,979 -		- 667,979 -	-			-	-	-		-
1 1	7,963	334,43 157,96 1,539,80		157,963	- 157,963	-	-	-	-		4,403,700	-	-	-	-	4,403,700	
· ·	24,034	524,03 962,46		524,034	- - 66,686		-	-	-		-	-	-	-	-		
157.00 16.9.00 16.9.00 26.9.00 26.9.00 9.9.10 9.9	3,136	178,20 373,13 7,034,43	- 373,136	-	-	-		-		-	-			-	-	-	
<td></td> <td>17,739,81</td> <td>2,167,365</td> <td></td> <td>544,887</td> <td></td> <td>758,097</td> <td></td> <td>667,979</td> <td></td> <td></td> <td>7,156,291</td> <td>7,177,585</td> <td>9,919,464</td> <td>11,414,997</td> <td></td> <td>187,000</td>		17,739,81	2,167,365		544,887		758,097		667,979			7,156,291	7,177,585	9,919,464	11,414,997		187,000
1 1,96532 1,36530 1,000 1,600 1,8264 1 </td <td></td> <td>- 10,561,70</td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>1,252,600</td> <td>4,000</td> <td>4,000</td> <td>1,241,600</td> <td>3,000</td> <td>-</td> <td>-</td>		- 10,561,70			-	-	-	-	-	-	1,252,600	4,000	4,000	1,241,600	3,000	-	-
· ·		7,376,30 17,938,00				-				-							-
1.346.466 1 1.361.887 7.87.209 4.82.260 1.97.209 4.82.260 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200 1.351.88 1.97.200	-	-		-	-		-	-			8,746,466 -		-	•	-		8,746,466
i i	-	-	-	-	-	-	-	-	-	-	- 8,746,466	-	-	-	-	-	
- 135388 572.06 7.263.04 7.863.04 2.407.054.07 4.907.020 - <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,163,888</td> <td></td>				-	-	-	-	-	-	-						1,163,888	
· ·	-	- 3,900,687,50	-	-	- 442.888.283	-	- 243,704,221	- 54.729.826	-	- 64.229.597	409,870,652	247,176,347				-,,	-
· 30,533 · <td></td> <td>1,274,79</td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td>-</td> <td>3,000,000</td> <td>-</td> <td>-</td>		1,274,79			-	-	-	-	-	-				-	3,000,000	-	-
· ·	0,394	516,43 640,39 8.311.38	-	- 640,394	-		-	-	-	-	30,513		-		-	- 30,513	-
1.1772,253 . . . 1.1772,273 . . 1.1772,273 . 1.1772,273 . . 1.1772,273 . . 1.1772,273 . . 1.1772,273 . . 1.1772,273 . . 1.1772,273 . . 1.1772,273 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.8,173,092 . . 3.13,10,542 . . 1.1,772,074 . </td <td>-</td> <td>801,87</td> <td>- 558,590</td> <td>243,289</td> <td>- 24,167 -</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>- 6,581,265</td> <td></td> <td>-</td> <td></td> <td>- - 94,400</td> <td>- - 94,400</td> <td>-</td>	-	801,87	- 558,590	243,289	- 24,167 -		-	-		-	- 6,581,265		-		- - 94,400	- - 94,400	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2,874	17,572,40 11,772,87	-	-	-	-	11,772,874	-	-	11,772,874	11,772,873	-	-	-		-	11,772,873
65.62.813 46,212,096 48,2723,194 37,984,483 36,390,399 32,268,374 227,944,449 30,009,961 5,895,537 36,505,98 - - - 646 6,491,080 - - - - - - - - - 64,91,080 - 22,245,07 39,40,768 - - - - - 22,345,64 19,91,92,149 12,75,074 91,92,724 92,535 12,043,883 - - - - 22,242,145 12,75,074 19,10,169 - - - - <	0,157	40,890,15	1,833,382	883,683	24,167	859,516	38,173,092	-		38,173,092	26,014,187	-	-		3,094,400	124,913	22,794,874
6,481,080 .		13,310,54 36,505,49			-	-		-	- 5,895,537			- 32,549,364	- 36,390,899				
182.756,173 \$0,572,015 \$2,345,079 70,548,774 \$6,500,330 65,549,656 550,252,030 192,393,564 17,989,568 92,535 211,016,667 211 33,348,786 . <td< td=""><td>1,198</td><td>45,675,54 93,481,19 22,043,88</td><td></td><td></td><td></td><td></td><td>93,481,198</td><td>-</td><td>2,509,768</td><td>90,971,430</td><td>242,016,701</td><td>- 33,000,272</td><td>- 32,109,431</td><td></td><td>- 32,058,474</td><td>- 32,790,531</td><td>81,057,113</td></td<>	1,198	45,675,54 93,481,19 22,043,88					93,481,198	-	2,509,768	90,971,430	242,016,701	- 33,000,272	- 32,109,431		- 32,058,474	- 32,790,531	81,057,113
75;120;266 4,989,150 7,688,655 4,213,176 2,306,239 1,959,722 772,223,18 851,919,970 64,928,862 21,762,853 938,610,050 - - - 938 53,387,075 1,901,047 1,092,066 1,130,387 1,155,692 59,350,012 56,889,848 - 19,413,641 37,476,207 - - - 37 45,938,275 - - - - 44,359,327 - - - - 938 938,550 - 1,054 1,054 1,054 3,146,478 9105,721,66 999,733 333,241 - 1,332,564 - - - 1,116,733,611 938,510,50 - 8,78,177 8,781,778 5,386,1717 3,44,478 9105,721,66 990,73,816 1,34,3105,85 2,349,212 1,116,733,616 - - - 1,116,733,111 241,571,121 42,393,120 46,332,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500 3,423,500<		22,043,88	-	-								65,549,636	68,500,330	70,548,774	82,345,079	80,572,038	
44,593,275 .	.0,505	49,140,16 938,610,50					938,610,505	21,762,853		851,918,970	772,292,318	1,959,732	2,306,239	4,231,276	7,688,655	4,898,150	751,208,266
883.475,593 6,399,197 8,781,778 5,342,717 3,361,044 3,146,478 910,527,166 980,073,816 134,310,585 2,349,212 1,116,733,613 - - - 1,116 241,571,121 42,393,120 46,382,500 144,488,660 44,278,840 28,142,340 547,256,581 152,701,395 180,247,159 9,690,912 342,639,466 - - 342 38,201,654 - - 3,423,500 3,423,500 3,423,500 3,423,500 13,64,408 591,524 47,779,097 145,717 - 47,924,814 - - - 47 278,772,775 42,393,120 49,805,000 147,912,160 47,702,340 31,655,840 591,5228 201,849,492 380,392,876 9,690,912 391,933,826 - - - - 1 13,027,912 - - - 13,027,912 - - 13,027,912 14,905,764 1,722,061 16,528,825 - - - 16 13,027,912 - - - 13,027,912 - 16,528,825 - - </td <td>4,168</td> <td>37,476,20 90,174,16 1,332,56</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>90,174,168</td> <td>-19,413,641 -</td> <td></td> <td>40,729,120</td> <td>44,593,275</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>1,501,047</td> <td>44,593,275</td>	4,168	37,476,20 90,174,16 1,332,56		-	-		90,174,168	-19,413,641 -		40,729,120	44,593,275	-	-	-	-	1,501,047	44,593,275
38.201,654 38.201,654 47,779,097 145,717 47,924,814 <td></td> <td>1,352,56</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>2,349,212</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6,399,197</td> <td></td>		1,352,56		-		-		2,349,212								6,399,197	
13,027,912 - - - 13,027,912 - - - 391,933,280 - - - 391,933,280 13,027,912 - - - 13,027,912 - - - 16,628,825 - - 16,628,825 - - 16,628,825 - - 16,628,825 <	4,814	342,639,46 47,924,81			-	-	47,924,814	9,690,912		47,779,097	38,201,654	-	-	-	-	42,393,120	
13,027,912		1,369,00 391,933,28		-	-	-		- 9,690,912	180,392,876							42,393,120	- 279,772,775
		16,628,82 16,628,82			-	-		-				-	-	-	-	-	
3,589,633 3,627,223 3,627,223 3,627,223		3,627,22			-	-	3,627,223	-	-	3,627,223	3,589,633			-	-	-	3,589,633
1,248,569 · · · · · · · 1,248,569 21,581,829 · · 11,660,800 9,921,029 · · · · · 9	1,029	9,921,02 13,548,25			-		9,921,029		-	21,581,829	1,248,569				-		1,248,569

. . . . 1.274,792 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,400 1.271,72,401 1.1772,874 1. 1.1772,874 1. 1.1772,874 1.0 1.1772,874 1.0 1.1772,874 1.0 1.1772,874 1.0 1.1772,874 1.0 1.1772,874 1.0 1.13,310,542 1. 1.33,310,542 1.0 1.0 1.1,72,874 1.0 1.13,310,542 1.0 1.0 1.13,310,542 1.0 1.0 1.1,72,874 1.0 1.1 1.13,310,542 1.0 1.0 1.13,310,542 1.1 1.1 1.13,310,542 1.1 1.13,310,542 1.1 1.13,310,542 1.1 1.11,72,314 1.1 </th <th></th>										
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	74,792	1,274,79	1,274,792	-	-	-	-	-	-	-
8.311,388 .	16,430	516,43		-	-	-	516,430	-	-	516,430
. .	40,394	640,39	-	640,394	-	640,394	-	-	-	-
· ·	11,388	8,311,38		-	-	-	8,311,388	-	-	8,311,388
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	01,879	801,87	558,590	243,289	24,167	219,122	-	-	-	-
11,772,874 . . 11,772,874 . . 11,772,874 10 38,173,092 . . 38,173,092 . . . 11,772,874 10 38,173,092 . . 38,173,092 . . . 13,310,542 13,310,542 . <t< td=""><td>-</td><td></td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></t<>	-			-	-	-	-	-	-	-
38,173,692 - 38,173,692 859,516 24,167 883,683 1,833,382 40,890,157 16 13,310,542 - - 13,310,542 - - 13,310,542 1 30,609,611 5,895,537 - 36,505,498 - - 36,505,498 5 45,209,557 384,929 - 45,575,546 - - 45,575,546 7 90,971,430 2,209,788 - - - 93,481,198 - - - 93,481,198 11 12,752,074 9,92,535 221,016,667 - - - 93,481,98 14 25,555 19,603,614 - 49,140,169 - - - 93,821,966 12 25,585,555 19,603,614 - 49,14,01,66 - - - 93,823,926 12 134,200,565 12 25,585,584 - 91,74,168 - - - 93,74,76,207 - - 13,	72,400	17,572,40		-	-	-	17,572,400	-	-	17,572,400
13.310.542 - - 13.310.542 - 13.310.542 - - - 13.310.542 11 30.609.961 5.985.537 - 36.505.498 - - 45.675.546 70 90.971.430 2.599.768 - 93.481.598 - - - 93.431.98 11 12.752.074 9.199.274 92.535 22.043.883 - - - 22.043.883 12 29.536.555 92.0535 21.016.667 1 - - 49.140.1667 14 29.536.555 93.610.050 - - - 93.610.505 12 55.889.848 - 19.413.641 37.476.207 - - 90.174.168 20 999.323 333.241 - 1.332.564 - - 90.174.168 20 999.323 333.241 - 1.332.564 - - 1.116.733.613 12 124.77.209 1.449.45.717 - 1.324.544 - - 1.325.546 1.447.779.997.474.145.12 13.69.0	72,874	11,772,87		-	-	-	11,772,874	-	-	11,772,874
30.009.961 5,589.537 36,505,498 - - 36,505,498 5 45,290,557 384,959 - 45,675,546 - - - 45,675,546 70 90,971,430 2,509,768 - 93,481,198 - - - 94,41,191 11 12,752,074 9,199,274 92,535 22,043,883 - - - 22,043,883 12 29,536,555 19,603,614 - 49,140,166 - - - 49,140,166 14 192,534,564 17,883,610,655 - - - 93,8610,556 - - 93,8610,556 14 - 93,74,168 14 14,016,1567 14 14,012,168 14 14,012,168 14,012,168 14,012,168 14,012,129 14,014,168 14,012,168 14,012,168 14,012,168 14,012,116 13,012,116 13,312,564 - - 9,017,141,168 120,114,168 14,012,116 13,22,564 - - 1,31,32,564 14,0	90,157	40,890,15	1,833,382	883,683	24,167	859,516	38,173,092	-	-	38,173,092
30.009.961 5,589.537 36,505,498 - - 36,505,498 5 45,290,557 384,959 - 45,675,546 - - - 45,675,546 70 90,971,430 2,509,768 - 93,481,198 - - - 94,41,191 11 12,752,074 9,199,274 92,535 22,043,883 - - - 22,043,883 12 29,536,555 19,603,614 - 49,140,166 - - - 49,140,166 14 192,534,564 17,883,610,655 - - - 93,8610,556 - - 93,8610,556 14 - 93,74,168 14 14,016,1567 14 14,012,168 14 14,012,168 14,012,168 14,012,168 14,012,129 14,014,168 14,012,168 14,012,168 14,012,168 14,012,116 13,012,116 13,312,564 - - 9,017,141,168 120,114,168 14,012,116 13,22,564 - - 1,31,32,564 14,0										
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10,542	13,310,54	-	-	-	-	13,310,542	-	-	13,310,542
99.97.430 2.599.768 93.481.198 - - - 93.481.198 11 12,752,074 9,199.274 92.535 22.043,883 - - - 22.043,883 12 12,752,074 9,199.274 92.535 22.043,883 - - - 22.043,883 12 12,52,545,545 19,603,614 - 49,140,160 - - 21.016,667 14 25,555,555 19,603,614 - 49,140,160 - - 93.8,610,505 14 64,928,682 21,762,853 938,610,505 - - - 93.8,610,505 14 40,729,120 49,450,48 - 90,714,168 - - 90,714,168 20 993,232 333,241 1,332,564 - - - 1,332,564 14 927,710,395 180,247,159 9,600,912 342,639,466 - - - 47,723,047 47,729,047 - 47,724,281 12 1,369,000 - - - 1,369,000 201,489,652 13,490,028,76 -	05,498	36,505,49		-	-	-	36,505,498	-	5,895,537	30,609,961
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	75,546	45,675,54	-	-	-	-	45,675,546	-	384,989	45,290,557
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	81,198	93,481,19		-	-	-	93,481,198	-	2,509,768	90,971,430
29,536,555 19,603,614 - 49,140,169 - - - 49,140,169 25,536,555 19,603,614 - 49,140,169 - - - 938,610,505 14 55,839,846 - 19,413,641 37,476,207 - - - 37,476,207 7 40,723,120 49,445,048 - 90,174,168 - - - 90,174,168 2 999,323 333,241 1,332,564 - - - 1,332,564 14 380,078,416 114,873,613 - - - 1,116,733,613 12 152,701,395 180,247,159 9,690,912 342,639,466 - - - 47,924,814 12 13,86,000 - - 1,369,000 - - 1,369,000 - - 1,369,000 201,848,492 180,352,876 9,650,512 391,933,280 - - - 16,628,825 12 14,906,764 1,722,061 <t< td=""><td>43,883</td><td>22,043,88</td><td></td><td>-</td><td>-</td><td>-</td><td>22,043,883</td><td>92,535</td><td>9,199,274</td><td>12,752,074</td></t<>	43,883	22,043,88		-	-	-	22,043,883	92,535	9,199,274	12,752,074
\$51.918.970 64.928,682 21,762,853 938,610.905 - - - 938,610.905 12 \$66,89,443 - 19,41,641 37,476,207 - - 37,476,207 7 \$64,0729,120 49,445,048 - 90,174,168 - - 90,174,168 20 \$999,323 333,241 - 1,332,564 - - 1,332,564 14 \$980,073,816 134,310,585 2,349,212 1,116,733,613 - - 1,116,733,613 12 \$152,701,395 180,247,159 9,690,912 342,639,466 - - - 47,292,4814 12 \$132,690,000 - - - - 31,869,000 - - 47,292,4814 14 \$14,906,764 1,722,061 - 13,69,000 - - - 391,933,280 14 \$14,906,764 1,722,061 - 16,628,825 - - - 16,628,825 12 \$14,906,764 1,722,061 - 16,628,825 - - - 16,628,825	16,667	211,016,66	-	-	-		211,016,667	92,535	17,989,568	192,934,564
\$51.918.970 64.928,682 21,762,853 938,610.905 - - - 938,610.905 12 \$66,89,443 - 19,41,641 37,476,207 - - 37,476,207 7 \$64,0729,120 49,445,048 - 90,174,168 - - 90,174,168 20 \$999,323 333,241 - 1,332,564 - - 1,332,564 14 \$980,073,816 134,310,585 2,349,212 1,116,733,613 - - 1,116,733,613 12 \$152,701,395 180,247,159 9,690,912 342,639,466 - - - 47,292,4814 12 \$132,690,000 - - - - 31,869,000 - - 47,292,4814 14 \$14,906,764 1,722,061 - 13,69,000 - - - 391,933,280 14 \$14,906,764 1,722,061 - 16,628,825 - - - 16,628,825 12 \$14,906,764 1,722,061 - 16,628,825 - - - 16,628,825										
55889.48 . .19.413.641 37.476.207 . .	40,169	49,140,16		-	-	-	49,140,169	-	19,603,614	29,536,555
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10,505	938,610,50		-	-	-	938,610,505	21,762,853	64,928,682	851,918,970
999,223 333,241 . 1,332,564 1,332,564 14 980,078,116 134,310,555 2,349,212 1,116,733,613 1,116,733,613 12 152,013,95 180,247,159 9,609,912 342,639,466 . <td>76,207</td> <td>37,476,20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>37,476,207</td> <td>-19,413,641</td> <td>-</td> <td>56,889,848</td>	76,207	37,476,20	-	-	-	-	37,476,207	-19,413,641	-	56,889,848
980,073,816 134,310,555 2,349,212 1,116,733,613 12 152,701,395 180,247,159 9,690,912 342,639,466 - - - 41,924,613 12 152,701,395 180,247,159 9,690,912 342,639,466 - - - 41,924,614 12 1,369,000 - - 1,369,000 - - 41,924,814 12 201,849,492 180,392,876 9,690,912 391,933,280 - - 391,933,280 14 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 12 14,906,764 1,722,061 - 16,628,825 12 16,628,825 12 14,206,764 1,722,061 - 16,628,825 12 12 14,206,764 1,722,061 - 16,628,825 12 12 12,121,812,829 - 11,66,0800 9,921,029 - - 9,821,028 12 12,1243,129 - <td< td=""><td></td><td></td><td></td><td>-</td><td>-</td><td>-</td><td>90,174,168</td><td>-</td><td>49,445,048</td><td>40,729,120</td></td<>				-	-	-	90,174,168	-	49,445,048	40,729,120
152,701,395 180,247,159 9,690,912 342,639,666 - - - 342,639,666 14 1,779,097 145,717 - 47,924,814 - - 47,924,814 12 1,369,000 - - 1,369,000 - - 31,669,000 201,848,492 180,392,876 9,690,912 391,933,280 - - - 391,933,280 14 14,906,764 1,722,061 - 16,628,825 - - - 16,628,825 12 14,906,764 1,722,061 - 16,628,825 - - - 16,628,825 12 14,906,764 1,722,061 - 16,628,825 - - - 16,628,825 12 14,905,764 1,722,061 - 16,628,825 12 - - 9,921,029 79 21,581,829 - - - 9,921,029 79 32,005,052 - - 13,548,523 12 1,414,973,888<	32,564	1,332,56		-	-	-	1,332,564	-	333,241	999,323
47,779,097 145,717 47,234,814 - - 47,924,814 12 1,369,000 - - 1,369,000 - - 1,359,000 2018,492 180,392,876 9,699,912 391,933,280 - - 391,933,280 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 12 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 12 3,627,223 - - 3,627,223 - - 3,627,223 10 21,518,129 - 11,660,800 13,548,252 - - 9,921,028 28 14,4973,688 334,415,090 471,859 1,749,860,637 - - 1,749,860,637 12	33,613	1,116,733,61	- 1	-	-	-	1,116,733,613	2,349,212	134,310,585	980,073,816
47,779,097 145,717 47,234,814 - - 47,924,814 12 1,369,000 - - 1,369,000 - - 1,359,000 2018,492 180,392,876 9,699,912 391,933,280 - - 391,933,280 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 12 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 12 3,627,223 - - 3,627,223 - - 3,627,223 10 21,518,129 - 11,660,800 13,548,252 - - 9,921,028 28 14,4973,688 334,415,090 471,859 1,749,860,637 - - 1,749,860,637 12										
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201,849,492 190,392,876 9,690,912 391,933,280 - - 391,933,280 144 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 122 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 122 14,906,764 1,722,061 - 16,628,825 - - 16,628,825 122 3,627,223 - - 3,627,223 - - 3,627,223 10 21,521,829 - 11,660,800 9,921,029 - - 9,921,029 9,921,029 10 25,209,052 - - - 13,548,252 28 1,414,973,688 334,415,090 471,859 1,749,860,637 - - 1,749,860,637 12	24,814	47,924,81		-	-	-	47,924,814	-	145,717	47,779,097
14.906,764 1,722,061 16,628,825 - - 16,628,825 12 14.906,764 1,722,061 - 16,628,825 12 12 3.677,223 - - 16,628,825 12 3.627,223 - - 3,627,223 10 21,518,123 - - 3,921,025 9,21,025 25,205,052 - 11,568,252 28 13,548,252 28 1,414,973,688 334,415,090 471,859 1,749,860,637 - - 1,749,860,637 12	69,000	1,369,00		-	-	-	1,369,000	-	-	1,369,000
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21,581,829 - -11,660,800 9,921,029 - - - 9,921,029 79 25,209,052 - 11,660,800 13,548,252 - - 13,548,252 28 1,414,973,688 334,415,090 471,859 1,749,860,637 - - 1,749,860,637 12	28.825	16.628.82	-	-	-	-	16.628.825	-	1.722.061	14.906.764
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1,414,973,688 334,415,090 471,859 1,749,860,637 1,749,860,637 12	21,029	9,921,02	-	-	-	-	9,921,029	-11,660,800	-	21,581,829
	48,252	13,548,25	-	•	-	-	13,548,252	-11,660,800	-	25,209,052
1,517,376,377 459,159,888 55,201,685 2,031,737,950 1,234,964,278 442,912,450 1,677,876,728 1,981,823,618 5,691,438,296 12	60,637	1,749,860,63	- 1	-	-	-	1,749,860,637	471,859	334,415,090	1,414,973,688
052/562/120/2 010/254/165/1 02/10/1 01/10/1 01/120/144/12/12/12/12/12/12/12/12/12/12/12/12/12/	28 206	5 601 429 20	1 001 072 610	1 677 976 729	442 912 450	1 224 964 279	2 021 727 950	EE 201 69E	450 150 999	1 517 276 277
	30,290	3,031,438,29	1,901,029,010	1,077,876,728	442,512,430	1,239,304,278	2,031,737,950	33,201,083	433,133,000	1,311,376,377

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-	-	-	-	178,202	-	178,202	-	178,202	
-	-	-	-		-	-	373,136	373,136	
-	-	-	-	7,034,431	-	7,034,431	-	7,034,431	
-	667,979	90,118	758,097	14,269,461	544,887	14,814,348	2,167,365	17,739,810	405
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	10,561,702	10,561,702	
-	-	-	-		-	-	7,376,304	7,376,304	
-	-	-	-	-	-	-	17,938,006	17,938,006	
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64,229,597	124,744,798	54,729,826	243,704,221	1,234,104,762	442,888,283	1,676,993,045	1,979,990,236	3,900,687,502	91
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							1,274,792	1,274,792	
516,430	-	-	516,430	-	-	-	1,274,752	516,430	100
510,450			-	640,394	-	640,394		640,394	100
8,311,388			8,311,388	-	-	-		8,311,388	766
			-	219,122	24,167	243,289	558,590	801,879	700
				-	-	-	-		
17,572,400			17,572,400					17,572,400	580
11,772,874			11,772,874	-	-			11,772,874	100
			,//2,0/4						100

-	-	-	-	205,088	203,083	408,171	-	408,171	
-	-	-		-	117,155	117,155	-	117,155	
-	-	-	-	-	-	-	458,171	458,171	
-	-	-	-	-	-	-	-	-	
-	-	90,118	90,118	-	-	-	-	90,118	48
-	-	-	-	-	-	-	-	-	
-	-	-	-	1,145,480	-	1,145,480	-	1,145,480	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	374,487	374,487	
-	-	-		-	-	-	65,795	65,795	
-	-	-	-	-	-	-	-	-	
-	-	-	-	2,864,454	-	2,864,454	-	2,864,454	
-	667,979	-	667,979	-	-	-		667,979	
-	-	-	-	443,530	-	443,530	-	443,530	
-	-	-	-	334,435	-	334,435	-	334,435	
-	-	-	-	-	157,963	157,963	-	157,963	
-	-	-	-	1,539,807	-	1,539,807	-	1,539,807	
-	-	-	-	524,034	-	524,034	-	524,034	
-	-	-	-	-	66,686	66,686	895,776	962,462	
-	-	-	-	178,202	-	178,202	-	178,202	
-	-	-	-	-	-	-	373,136	373,136	
	-			7,034,431	-	7,034,431		7,034,431	
	667 979	00 119	759 007	14 269 461	E44 997	14 914 249	2 167 265	17 720 910	405

Gross 6) Incremental	Gross Incremental First Year Peak Demand Savings
Total 2017 Total First Year Verified Verified Energy 2016 2017 Savings Results Results Savings	2015 2016 2017 2018 2019 2020 Total 2015 2016 2017 Total 2017 2015 2015 2015 2015 2015 2016 2017 2015 2015 2016 2016 2016 2017 2015 2016 2016 2016 2016 2016 2017 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 </th
245 540 321 1,532 1,532 215 147 165 44 13 23 135 94 105 228 461 310	1.643 8.395 5.344 1.629 1.517 1.273 19.801 1.247 183 - 1.430 19.852 2.234 22,066 27.948 51.466 87 263 52.34 . 1.205 2.230 477 420 4.332 . <td< td=""></td<>
51 98 77 102 117 109 172 95 102 72 187 115 45 39 41 - 31 29 76 10 33 118 113 101 - - - 63 80 91 91	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
94 100 97 - - - - 1,069 1,330 - - - 1119 77 - - - 25 25 - - - - - - - 105 167 - - - 109 131 124 124 134	31,509 160,447 146,324 119,400 126,318 110,409 694,407 3,787 17,671 1,772 23,230 108,051 49,361 157,412 146,555 327,197 74 98 100 - 58 280 280 280 280 1,178 - <td< td=""></td<>
- 23 - 28 28 - 28 28 - 30 17 - 6 3 - 30 17 - 6 3 - 315 - 108	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
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90 - 23 - 704 - 64 - 61	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
147 - 123 67 202 - 142 - 124 - 124	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
125 - 40 - 105 - 128 - 128 - 128	8,245 .
101 795 280 107 104 136 120	623 ·

Incrementa First Year Peak Demand Savings

rticipant I ecasted (\$)	Incentive Spe	nding					Verified (\$)									Progress (%)		Participant Incentive
2015	2016	2017	2018	2019	2020	Total	2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Total Verified 2015 Results	Total Verified 2016	2017 Total lerified 2017 Results	Spending
3,592,959 - 3,301,165 50,167 530,956	16,695,644 - 18,952,591 1,741,173 5,217,056	2,219,364 16,320,239 2,486,154 5,897,066	4,655,809 3,734,670 12,341,624 2,532,606 5,289,181	4,314,425 1,091,461 10,538,463 2,635,863 5,227,328	3,408,324 892,363 10,052,110 2,556,567 4,967,479	50,754,615 7,937,858 71,506,192 12,002,530 27,129,066	3,845,994 - 6,213,250 - 753,158	- -35,350 - -	-	3,845,994 - 6,177,900 - 753,158	27,891,182 - 32,281,350 631,532 4,839,355	-	27,891,182 - 32,281,350 631,532 4,839,355	67,929,128 15,235,796 38,242,200 2,492,817 6,380,412	99,666,304 15,235,796 76,701,450 3,124,349 11,972,925	107 187 - 142	170 36 93	376 260 686 686 234 199 100 73 108 103	
42,693 6,129,194	42,606,464 1,326,241 84,953,759	45,010,277 1,775,780 74,223,424	28,553,890 1,792,649 55,544,898	23,807,540 1,787,649 49,350,340	21,876,843 1,473,399 48,501,543	169,330,261 8,198,411 318,703,158	6,420 2,662,418	-35,350	-	10,777,052 6,420 2,662,418	65,643,419 543,115 56,156,230	-	65,643,419 543,115 56,156,230	2,213,346 81,242,263	206,700,824 2,762,881 140,060,911	144 15 43	41	289 217 125 88 109 85	
336,193	2,578,089 11,888,870 347,839 380,275	12,555,404 5,590,918 850,810 3,882,276	11,764,795 3,747,979 660,810 4,271,361	8,554,112 4,116,318 683,135 3,483,133	7,677,319 4,127,949 674,686 2,727,706	43,129,719 29,808,227 3,217,280 14,744,751		-	-	-	2,034,251 1,424,439 66,640	-	2,034,251 1,424,439 66,640	7,360,941 6,222,187 145,336 2,806,910	9,395,192 7,646,626 211,976 2,806,910	•	79 12 19	59 62 111 43 17 18 72 66	
847,441 - - 946,699	9,727,104 3,477,014 107,500 9,181,235	29,674,565 5,507,297 756,852 -	36,554,150 6,109,229 320,352 -	49,947,358 6,320,844 244,352 -	26,874,958 6,548,358 281,852 -	153,625,576 27,962,742 1,710,908 10,127,934	16,893 - - -	-	-	16,893 - - -	2,742,147 1,405,066 31,816 272,373	-	2,742,147 1,405,066 31,816 272,373	9,929,021 4,490,224 150,000 10,431,933	12,688,061 5,895,290 181,816 10,704,306	-	28 40 30 3	33 32 82 66 20 21 106	
- 8,302,220	5,243,894 129,211,820 52,050	- 134,817,326 250,000	- 120,766,223 250,000	- 124,487,241 250,000	- 98,887,770 250,000	5,243,894 616,472,600 1,052,050	2,685,731	-	-	- 2,685,731	64,676,077	-	- 64,676,077	124,992,161 344,300	- 192,353,969 344,300	32	- 50	- 93 71 138 114	
-		154,800 - - 2,044,500	756,362 - - 1,295,500		483,842	1,936,686 - - 7,320,000	-	-	-	-	136,783 - -	-	136,783	- 376,753 - 2,559,691	136,783 376,753 - 2,559,691			- 88 125 81	
	-	1,323,573 179,160 2,487,187 2,216,324	1,768,750 215,170 2,683,816 2,458,049	2,208,769 78,368 1,606,269 2,406,574	2,208,769 44,967 1,417,733 2,286,974	7,509,861 517,665 8,195,005 9,367,921	-	- - -	-	-	-	-	- - -	- 129,578 3,863 717,600	- 129,578 3,863 717,600			 72 72 0 0 32 32	
-	104,527 - - 1,281,577	1,756,060 1,163,357 - 11,574,961	1,097,537 4,071,749 - 14,596,933	878,030 4,071,749 - 13,551,441	439,015 2,326,714 - 10,803,014	4,275,169 11,633,569 - 51,807,926	-	-	-	- - -	- - - 136,783	-		1,748,774 - 120,000 6,000,559	1,748,774 - 120,000 6,137,342		- 11	100 94 52 48	
-	-	2,788,622 - 47,099	2,272,687 - 47,719	2,272,687 - 42,589	1,818,150 - 42,569	9,152,146 - 179,976	-	-	-	-	-	-	-	-	- - -			• •	
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	-	- - 150,000 -	- 64,200 210,000 -	- 128,400 210,000 -	- 128,400 210,000 -	- 321,000 780,000 -		-	-	-	•	-	-	-	- - -				
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-	- 823,433 823,433	- - 2,985,721	- - 2,831,381	-	- - 2,291,369	823,433 11,739,330	-	- -	-	-	-	-	-	- 969,131 969,131	- 969,131 969,131		•	118 32 25	
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-	- - 248,745	- - 2,686,094			- 714,379	-	-	-	-	-	-	-	-	-	-		-	- <u>-</u>	
- - 5,777,467	- 248,745 174,172,039	146,467 2,832,561 197,220,847		5,644,025		75,917,620 83,387,721 932,737,842	13,498,133	- - -35,350	-	- 13,462,783	- - 130,456,279	-	- - 130,456,279	262,242,204	- - 406,161,266	85	- 75	 133 105	
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-	- 134,670	- 134,670	- 134,670		-	- 404,010	-	-	-	-	-	-	-		-				
184,206 - 2,554,000 -	7,979,905 - 10,527,482 -	7,929,405	5,421,478	4,888,742	4,100,615	30,504,351 - - 58,146,744 -		-	-	-	-	-		-		-		· ·	
2,738,206 - 668,924	18,642,057 613,343	20,209,657 - 1,090,392		-	-	89,055,105 _ 	-	-	-	-	-	-	-	-	-	-	-	· ·	
254,803 38,438 962,165		1,090,392 364,230 - - 1,454,622	377,010	351,450	369,630	3,450,717 2,114,455 38,438 - 5,603,610	-	-	-		-	-		-	-	-	•	· ·	
-	773,065	8,494,800 - 125,001	27,537,632			48,775,833	-	-	-	-			-	-	-			· ·	
- 287,810	- 773,065 -	125,001 8,619,801 -				49,275,837 287,810		-	-	-	-	-	-	-	-		-	· ·	
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- 3,988,181	- 20,425,797	- 30,284,080	- 45,135,535	- 23,816,110	- 20,572,659	- 144,222,362	-	-	-	-	-	-	-	-	-	-	-		

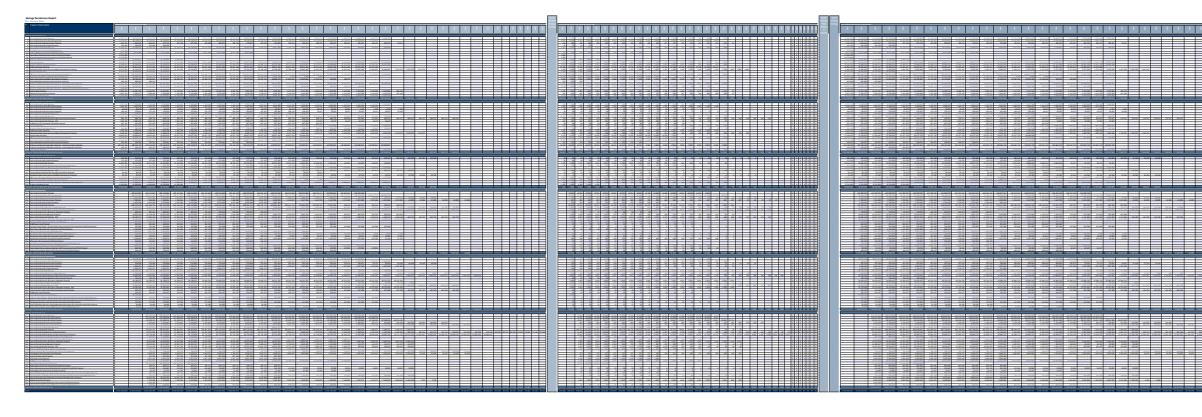
strative Expense Spending	IESO Value Added Service Provider Cost / Variable Program Cost Administrative Expense Spending	IESO	
Verified (S) Progress (%) 2016 2017 2018 2019 2020 Total 2015 2017 Total 2015 2017 Total 2017 Total Total Total 2017 2017 2017 2017 2017 2017 2017 2017 2017 2017 2017		Progress (%) Sen Cov Total 2017 Total Total 2017 Total	
Verified	2015 2015 2015 2016 2016	Verified Verified Verified Verified Add 2016 2017 2015 2016 2017 Expension Results Results Results Results Results Results	
Adjustments Adjustments Adjustments	Adjustments Adjustments Adjustments		
4,299,342 5,388,943 3,520,792 3,797,433 3,693,917 21,596,935 202,446 157,526 - 359,972 5,995,690 - 5,995,690 7,165,070 13,520,732 40 139 133 12 - 706,892 536,429 467,485 327,795 2,038,601 - - - - 7,838 7,838 1	558,515 1,495,938 3,646,010 494,219 453,832 368,923 7,017,437 1,374,844 - - 1,374,844 - 2 - - 1,191,066 2,146,615 365,444 283,695 3,956,520 - -<	2,858,424 6,169,225 10,402,493 246 191 169 182 - 713,457 713,457 60 60	
2,214,871 1,761,398 1,653,368 1,596,995 1,545,300 9,075,463 200,334 90,273 - 290,607 3,164,430 26,143 3,190,573 3,088,023 6,569,203 96 144 175 15 901,945 1,068,159 1,146,669 1,296,060 1,468,639 5,516,424 16,829 19,272 - 36,101 1,078,795 - 1,078,795 1,360,238 2,475,134 103 120 127 127	130,193 469,702 901,946 640,463 444,254 400,926 2,987,864 265,798 -1,690 - 264,108 1,038,960 -26,143 1 - 24,150 36,316 33,866 35,791 37,716 167,839 - - - - - -		
4,054,919 5,263,969 4,375,727 4,385,997 3,979,218 22,176,906 149,262 100,017 - 249,279 2,637,793 - 2,637,793 3,421,916 6,308,988 213 65 65 66 11,471,077 14,189,361 11,232,985 11,014,869 60,804,329 568,871 367,088 - 935,959 12,876,708 26,143 12,902,851 15,043,085 28,881,895 69 112 106 10	40,346 267,812 414,170 327,768 323,536 270,250 1,643,882 - -<	. .	
1,604,897 1,188,40 1,223,802 1,302,048 1,157,764 6,678,638 167,592 4,3,61 - 210,853 1,527,563 - 1,527,563 1,505,909 3,244,325 103 95 127 167,992 43,261 - 7,350,056 35,016,210 27,300 35,043,510 40,967,396 83,360,962 100 101 103 101	- 15,399 13,898 13,898 13,898 70,991 - </td <td></td>		
3,511,356 5,469,121 5,575,006 5,041,429 4,415,922 24,025,074 - 75,438 - 75,438 3,229,093 - 3,229,093 6,774,759 10,149,290 82 94 124 11 2,411 - 189,958 2,429,411 3,373,000 2,827,861 2,75,759 2,766,386 14,321,397 14,141 - 189,958 2,329,3601 - 2,893,501 3,004,286 5,083,370 15 120 89 10 120 120 120 120 120 120 120 120 120	- 101,437 1,326,201 1,268,132 904,134 747,539 4,347,503 - <td>· · · · · · · ·</td>	· · · · · · · ·	
331,219 345,227 323,136 347,684 343,610 1,691,117 - 3,333 - 3,333 526,893 - 526,893 43,785 874,011 1,949 159 100 12 360,277 1,838,814 2,208,766 1,800,714 1,360,787 7,999,914 - - - - - - 2,589,120 - 1	· ·		
1,596,194 2,162,633 2,434,260 2,614,452 2,740,662 11,845,187 156,835 32,158 - 188,993 720,547 - 720,547 953,904 1,863,444 664 45 44 44 106,659 246,450 228,873 275,90 241,902 1,122,631 0,1025 - 19,506 24,304 213,180 256,990 143 23 87 2 14,383,700 -			
Application	- 1,398,664 3,145,398 2,560,665 1,763,467 1,343,936 10,212,130		
75,000 131,246 131,246 131,246 599,984 26,672 133,396 160,068 36 102 7			
- 59,967 187,512 213,075 209,401 669,955 - 3,789 - 3,789 404,753 - 400,753 - 408,542 - 668 - - - - - - 7,021 - 7,021 849,927 856,948 - 669 - - - - - - 7,021 - 7,021 849,927 856,948 - 669 - </td <td>- - 18,000 42,636 17,436 13,836 91,908 -<!--</td--><td></td></td>	- - 18,000 42,636 17,436 13,836 91,908 - </td <td></td>		
1,721,400 1,630,200 1,447,800 1,436,400 1.618,800 7,854,600 - - - 355,623 - 355,623 1,015,181 1,370,804 21 62 4 - 1,204,007 483,263 336,500 37,557 2,429,427 - - - - - 1,162,697 1,426,697 9 5 4,571 156,153 134,719 85,210 53,794 434,447 - - - 4,571 - 1,162,697 100 9 5	· ·		
91,219 343,739 343,739 343,739 343,739 1,466,175 - - - - - 188,064 188,064 - 55 4 - 369,529 341,712 267,186 256,761 1,235,188 - - - - - 221,390 221,390 0 60 <td>· ·</td> <td></td>	· ·		
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6,318,200 12,252,384 9,925,892 10,934,214 10,906,960 50,337,650 5,534 5,534 10,113,614 10,113,614 17,692,714 27,811,862 160 144 15	- 3,734,400 4,804,747 4,780,623 4,740,134 4,864,896 22,924,800		
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1,454,109 3,037,200 3,370,491 2,985,867 2,863,335 13,711,002 - 31,989 - 31,989 - 82,281 114,270 - 3	<u>- 42,150 44,830 44,830 44,830 221,470</u>		
- - 2,088,652 1,832,988 23,602,573 27,524,213 - 16,553 - - - 16,353 - 16,353 - - 16,353 -	42,150 44,830 44,830 44,830 44,830 222,470 729,054 7,432,816 14,184,658 11,029,224 8,171,463 7,615,347 49,162,562 1,640,642 -1,690 1,638,952 3,897,384 -26,143 3	3,871,241 8,217,491 13,727,684 225 52 58 61	
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· ·	2,524 631,178 618,406 628,388 635,160 650,182 3,165,838 - - </td <td></td>		
3,707,796 18,709,106 3,643,747 3,623,216 3,637,459 33,630,391	14,926 1,407,451 1,959,057 1,707,473 1,696,766 1,658,461 8,444,134		
2,665 </td <td>· ·</td> <td></td>	· ·		
162,840 167,028 163,821 165,512 167,296 984,509 -	· · <td></td>		
	- <u>68,640</u> <u>64,970</u> <u>67,780</u> <u>64,340</u> <u>68,770</u> <u>334,500</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>		
859,480 4,842,180 3,752,880 3,753,200 16,971,054 -			
859,480 4,943,180 3,853,880 3,859,580 3,840,200 17,384,503			
74,804 <t< td=""><td></td><td></td></t<>			
4,980,890 24,189,336 8,040,483 7,998,398 7,880,821 53,974,658 - <td< td=""><td>14,926 1,476,091 2,024,027 1,775,253 1,761,106 1,727,231 8,778,634 -</td><td></td></td<>	14,926 1,476,091 2,024,027 1,775,253 1,761,106 1,727,231 8,778,634 -		
89,136,632 113,060,650 87,822,662 87,957,134 108,886,856 497,866,178 7,287,790 2,398,698 - 9,686,488 71,895,554 53,443 71,948,997 93,318,370 174,953,855 88 81 83 8	743,980 8,908,907 16,208,685 12,804,477 9,932,569 9,342,578 57,941,196 1,640,642 -1,690 1,638,952 3,897,384 -26,143 3		

Total Admin Forecasted (\$)	istrative Exp	ense Spendir	ng	
2015	2016	2017	2018	2019
1,455,022	5,795,280	9,034,953 1,897,958	4,015,011 2,683,044	4,251,265 832,929
433,724 34,952	2,684,573 926,095	2,663,345 1,104,475	2,293,831 1,180,535	2,041,248
157,422 2,081,120	4,322,731 13,728,679	5,678,139 20,378,870	4,703,496 14,875,917	4,709,534 13,166,827
205,667 7,329,984	1,620,296 35,545,053	1,202,338 40,556,825	1,237,700 33,104,426	1,315,946
92,240 180,260	3,612,793 2,429,885	6,795,322 3,377,000	6,843,138 2,827,861	5,945,622 2,757,579
171 10,556	331,219 622,924	345,297 2,977,122	323,136 3,031,258	347,684 2,248,581
456,938 293,586	4,811,511 1,596,194	4,122,370 2,162,633	4,983,410 2,434,260	4,543,367
13,632 182,413	106,694 14,381,700 1,252,751	- 246,450	238,873	275,490
8,765,447	66,311,020	61,785,357	55,024,062	53,842,710
-	75,000	131,246 77,967	131,246 230,148	131,246
-	-	-		
-	1,721,400	1,630,200 1,204,007	1,447,800 493,263	1,436,400 356,500
-	4,571 91,219	157,903 513,339	137,169 507,019 341,712	88,010 413,035 267,186
	- 211,886 109,250	369,529 378,300 125,619	341,712 373,258 125,619	371,578
	7,839,274	12,469,021 17,057,131	10,919,282 14,706,516	12,254,262 15,674,347
- 1	-	428,385	410,428	285,028
-	-	- 71,450	- 73,938	- 73,938
-	-	- 17,768	- 23,232	- 28,696
-	-	-	-	
-	-	- - 55,866	- 45,000 33,123	- 90,000 31,549
	-	-	-	-
-	-	-		
-	•	-	-	-
	-		-	-
-	-	-	-	-
-	-	- 573,469	- 585,721	- 509,211
-	-	-		
-		59,615 119,500	60,116 55,100	47,916 25,500
-	-	179,115	115,216	73,416
-		-	-	-
-	-	1	. 1	. 1
-	1,496,259	3,082,030	3,415,321	3,030,697
-	1,496,259	3,082,030	2,088,652 5,503,973	4,863,685
10,846,567	91,588,558	103,055,973	90,811,406	88,130,197
-	-	-		
-	-	-	-	-
-	-	-	-	-
-	-	-	-	
24,379	36,395	36,395	36,395	
96,542	2,691,014	18,294,422	2,990,207	2,987,707
203,072	2,387,838 -	2,330,347 7,000	2,317,618 7,000	2,325,275 7,000
323,993	5,115,247	20,668,164	5,351,220	5,319,982
2,665 310,888	- 250,774	370,021	- 379,034	- 350,089
158,012	231,480	-	231,601	229,852
1,111	482,254	1 602,020	1 610,636	1 579,942
1,111 - 472,676			3,752,880	3,758,580
- 472,676 18,734	859,480	4,842,180	3,7 32,000	
- 472,676 18,734 9,449	-	- 101,000	- 101,000	
- 472,676 18,734 9,449 - 28,183	859,480 - - 859,480	-	-	
- 472,676 18,734 9,449 -	-	- 101,000	- 101,000	- 101,000 3,859,580 - -
- 472,676 18,734 9,449 - 28,183 74,804	-	- 101,000	- 101,000	
- 472,676 18,734 9,449 - 28,183 74,804 74,804 -	- - 859,480 - -	- 101,000 4,943,180 - - -	- 101,000 3,853,880 - - -	3,859,580 - - -

20	Total	Verified (\$) 2015	2016	2017	Total Verified	2016	2017	Total Verified	2017	Total	Progress (9 Total	6) Total	2017 Total
20	lotai	2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	2016 Results	2017 Verified 2017 Results	Iotai	Verified 2015 Results	Verified 2016 Results	2017 Total Verified 2017 Results
,062,840 611,490	28,614,371 6,025,421	1,577,290	157,526		1,734,816	8,854,114	-	8,854,114	13,334,295 721,295	23,923,225 721,295	119	153	148 147 38 38
,946,226 ,506,355 ,249,468	12,062,947 6,084,263 23,820,790	466,132 16,829 149,262	88,583 19,272 100,017	-	554,715 36,101 249,279	4,203,390 1,078,795 2,637,793	-	4,203,390 1,078,795 2,637,793	4,422,832 1,360,238 3,421,916	9,180,937 2,475,134 6,308,988	128 103 158	157 116 61	166 159 123 120 60 62
, 376,379	76,607,792 6,749,629	2,209,513 167,592	365,398 43,261	-	2,574,911	16,774,092 1,527,563	-	16,774,092 1,527,563	23,260,576 1,505,909	42,609,579	124	122 94	114 118 125 107
,018,308	184,348,585 28,452,575	5,895,425	1,454,631 75,438	-	210,853 7,350,056 75,438	35,016,210 3,299,093	- 27,300 -	35,043,510 3,299,093	40,967,396 6,774,759	83,360,962 10,149,290	100 82	99 91	101 100 100 97
,766,386 343,610 ,554,802	14,338,971 1,691,117 10,445,243		41,141 3,333	-	189,958 3,333	2,893,601 526,893	-	2,893,601 526,893	3,004,828 343,785 2,589,120	6,088,387 874,011 2,589,120	105	119 159 -	89 102 100 129 87 72
,397,581 ,744,062	24,315,177 11,845,187	341,070 156,835	312,940 32,158	-	654,010 188,993	4,897,016 720,547	-	4,897,016 720,547	4,128,475 953,904	9,679,501 1,863,444	143	102 45	100 103 44 46
241,492 - -	1,122,631 14,564,113 1,252,751	9,180 - -	10,326 - -	-		24,304 - 5	-	24,304 - 5	213,180 - 18,934	256,990 - 18,939	- 143	23 - 0	
, 397,383 131,246	299,125,979 599,984	6,718,919	1,973,228	-	8,692,147	48,905,232 26,672	27,300	48,932,532 26,672	60,500,290 133,396	118,124,969	99	74 36	
223,237	761,863	-	3,789 - -	-	3,789 - -	404,753 7,021 -	-	404,753 7,021 -	- 849,927	408,542 856,948 -		50	- 524
,618,800 375,657 55,544	7,854,600 2,429,427 443,197	-	-		-	355,623 - 4,571		355,623 - 4,571	1,015,181 1,162,697 149,520	1,370,804 1,162,697 154,091		21	62 41 97 97 95 95
396,475 256,761	1,921,087 1,235,188	-	-	-	-	-	-	-	188,064 221,390	188,064 221,390		-	37 31 60 60
368,216 125,619 ,220,301	1,703,238 611,726 55,702,140	-	- - 1,745		- - 1,745	100,075 - 9,214,899		100,075 - 9,214,899	409,119 71,402 13,492,018	509,194 71,402 22,708,662		47 - 118	108 86 57 30 108 112
,771,856	73,262,450	-	5,534	-	5,534	10,113,614	-	10,113,614	17,692,714	27,811,862		101	104 103
281,830 - 73,938	1,405,671 - 293,264	-	-		-	-	-	-	-				· ·
- 34,160 -	- 103,856 -	-	-	-	-	-	-	-	-				· -
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90,000 32,180 -	225,000 152,718 -		-	-	-	-			-	-			
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-	-	-	- - 4,194	-	- - 4,194	-	-	-	-	- - 4,194			
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512,108	2,180,509	-	4,194	-	4,194	-	-	-	-	4,194			- 1
34,916 18,000 52,916	202,563 218,100 420,663	-	-	-	-	-	-	-	-				· ·
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,908,165	13,932,472	-	31,989	-	31,989	-		-	82,281	114,270		-	3 2
,602,573	27,524,213 41,456,685 493,054,082	- - 8.928.432	16,353 48,342 2,396,696	-	16,353 48,342 11,325,128	- - 75,792,938	- - 27,300	- - 75,820,238	- 82,281 101,535,861	16,353 130,623 188,681,227	104	-	3 3 99 92
-	493,054,082	8,928,432	2,396,696	-	-		- 27,300		101,535,861	-	104		55 32
-	-	-	-	-	-	-	-	-	-	-			
-		-	- 312	-	- 312	-	-	-	-	- 312			
-		-	312	-	- 312	-	-	-	-	- 312			
	133,564	-	-		-	-				-			
,949,901 -	30,009,793		-	-	-	-	-	-	-	-	-	-	
,345,020 1,000 , 295,921	11,909,170 22,000 42,074,527	-	-	-	-	-	-	-	-		-	-	· ·
- 235,865	2,665 1,896,671	-	-		-	-		-	-			-	
236,066 -	1,319,009 1,111	-	-		-	-	-	-	-	-	-	-	
1 471,932	4 3,219,460	-	-	-	-	-	-	-	-	-	-	-	· ·
,739,200 - 101.000	16,971,054 9,449	-	-		-	-	•	-	-	-	-	-	· ·
101,000 ,840,200	404,000 17,384,503	-	-	-	-	-	-	-	-	-	-	-	•••
-	74,804 74,804	-	-	-	-	-	-	-	-	-	-		-
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015	2016	2017	2018	2019	2020	Total	2015 Verified 2015 Results	2016 Verified 2015 Results	2017 Verified 2015 Results	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Total Verified 2015 Results	Total Verified 2016 Recults	2017 Tot Verified 2017 Results	Allocated Budget (%)	Pla Bud Spen
							Results	Adjustments	Adjustments		Results	Adjustments		Results		Results	Results	Results		1
47,981 -	22,490,925	27,122,407 4,117,322	8,670,820 6,417,714	8,565,690 1,924,390	7,471,164 1,503,854	79,368,987 13,963,280	5,423,284	157,526		5,580,810	36,745,296	-	36,745,296	81,263,423 15,957,091	123,589,529 15,957,091	111		300 21 388 31	8	1
84,889 85,119 88,378	21,637,164 2,667,268 9,539,787	18,983,583 3,590,629 11,575,206	14,635,456 3,713,141 9,992,677	12,579,711 3,967,713 9,936,861	11,998,335 4,062,922 9,216,947	83,569,138 18,086,792 50,949,856	6,679,382 16,829 902,420	53,233 19,272 100,017	-	6,732,615 36,101 1,002,437	36,484,740 1,710,327 7,477,148	-	36,484,740 1,710,327 7,477,148	42,665,032 3,853,055 9,802,328	85,882,387 5,599,483 18,281,913	180 42 146		225 1 107 85		
6,367	56,335,144		43,429,808	36,974,365	34,253,222	245,938,053	13,021,915	330,048		13,351,963	82,417,511	-	82,417,511	153,540,929	249,310,403	140	146	235 1		
8,359 9,178 2,240	2,946,537 120,498,812 6,190,882	2,978,119 114,780,248 19,350,726	3,030,349 88,649,324 18,607,933	3,103,596 83,144,329 14,499,735	2,641,081 82,519,851 12,840,779	14,948,041 503,051,742 71,582,295	174,012 8,557,843	43,261 1,454,631 75,438	-	217,273 10,012,474 75,438	2,070,678 91,172,440 5,333,344	- 27,301 -	2,070,678 0 91,199,740 5,333,344	3,719,255 122,209,659 14,135,700	6,007,206 223,421,873 19,544,482	87 74 82			17 10 76	
6,453 171 0,556	14,318,755 679,058	8,967,918 1,196,107 6,859,398	6,575,840 983,946	6,873,897 1,030,819	6,894,334 1,018,296	44,147,197 4,908,397 25,189,995	148,817	41,141 3,333		189,958 3,333	4,318,040 593,533	-	4,318,040 593,533	9,227,015 489,121	13,735,013 1,085,987 5,396,030	37 1,949		103 41	8 8	
14,379 13,586	1,003,199 14,538,615 5,073,209	33,796,935 7,669,931	7,302,619 41,537,560 8,543,489	5,731,714 54,490,725 8,935,296	4,282,509 32,272,538 9,292,420	177,940,752 39,807,931	- 357,963 156,835	- 312,940 32,158	-	- 670,903 188,993	- 7,639,163 2,125,613	-	7,639,163 2,125,613	5,396,030 14,057,496 5,444,128	22,367,562 7,758,734	- 51 64		42 71	15 60	
3,632 9,112 -	214,194 23,562,935 6,496,645	1,003,302 - -		519,842 - -	523,344 - -	2,833,539 24,692,047 6,496,645	9,180		-	19,506 - -	56,120 272,373 5	-	56,120 272,373 5	363,180 10,431,933 18,934	438,806 10,704,306 18,939	- 143	26 1 0		16 13 0	
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General

All results are at the end-user level, i.e. not including losses as a result transmission and distribution lines.

2015 results are based on projects completed between January 1, 2015 and December 31, 2015; 2016 results are based on projects completed between January 1, 2016 and December 31, 2016; and 2017 results are based on projects completed between January 1, 2017 and December 31, 2017.

The 2015 verified results considers projects reported to the IESO between January 1, 2015 and March 31, 2016; the 2016 verified results considers projects reported to the IESO between April 1, 2016 and April 15, 2017; the 2017 verified results considers projects reported to the IESO between April 1, 2016 and April 15, 2017.

Legacy Framework results are based on projects begun prior to an LDC's transition to the Conservation First Framework program and completed by December 31, 2015. Conservation First Framework results are based on projects begun on or after an LDC's transition to the Conservation First Framework program and projects transitioned to the Conservation First Framework through a valid Extension Agreement for eligible Programs.

Savings Calculations

\$ P	roject Type	Attributing Savings to LDCs
1 P	rescriptive Measures and Projects Programs	Gross Reported Savings = Activity * Per Unit Assumption Savings Gross Verified Savings = Cross Reported Savings * NealiZation Rate Net Verified Savings = Gross Verified Savings * Net = Coord Saving
2 E	ngineered and Custom Projects / Programs	Gross Reported Savings = Reported Savings Gross Verified Savings = Corss Reported Savings * Realization Rate Net Verified Savings = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
3 A	djustments to Previous Years' Verified Results	All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the annual effect of energy savings.

Cost Determination

Costs are determined and allocated to the period based on the date the cost has been reported to the IESO regardless of when the cost was incurred.

Eg. if an LDC reports by the December 2017 IESO Reporting Period: 1] program savings; and 2] Participant Incentives; associated with a 2017 completed project, as well as 3] Administrative Expenses; then: a) the savings; b) expenditures; and c] corresponding cost effectiveness; are attributed to the 2017 program year.

However if the same is reported in or after the January 2018 IESO Reporting Period: only the i) the savings and ii) costs for the purposes of Cost Effectiveness Test calculations will be attributed to the 2017 program year; The expenditures for the purposes of spending reporting (in the Monthly Participation & Cost Report and this Verified Annual LDC CDM Program Results Report) will be allocated to the 2018 program year and will not appear.

20	15-2020 Conservation First Framework				
#	Program	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the coupon was redeemed.	
2	Save on Energy Instant Discount Program	Results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the event occurred.	Peak demand and energy savings are determined using the verified
3	Save on Energy Heating & Cooling Program	Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	reak uteriant and energy savings are betermined using the vermed measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free- ridership and spillover (net) at the measure level.
4	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in LDC Report	April 15, 2018	Savings are considered to begin in the year of the project completion date.	noersnip and spinover (net) at the measure rever.
5	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	
6	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with RMAY protocols and reflect the savings that were actually installed (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
7	Save on Energy Retrofit Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date as reported in the LDC Report	Peak demand and energy savings are determined by the total savings for a given project as reported in the ICON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with BAW protocols and reflect the savings that were actually realized (<i>i.e.</i> how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to- gros factors such sfree-identhy and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (<i>i.e.</i> lighting or non-lighting project, engineered/custom/prescriptive track).
8	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand an energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross.) Het savings take into account net-to-gross factors such as fre ridership and spluover for both peak demand and energy savings at the program level (net).
9	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
10	Save on Energy Existing Building Commissioning Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM LDC Report Template. Preliminary unverified net savings are calculated by multiplying
11	Save on Energy Business Refrigeration Incentive Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	reported savings by 2016 Net-to-gross ratios and realization rates.
12	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the project was in service.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is
13	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager.	applied to the reported savings to ensure that these savings align wit EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was
14	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings		
1 saveONenergy Appliance Retirement Initiative	2015 Results only. Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly altributed by postal code or customer selection.	April 15, 2018	Savings are considered to begin in the year the appliance is picked up.			
2 saveONenergy Conservation Instant Coupon Booklet	2015 Results only. LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the coupon was redeemed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the		
3 saveONenergy Bi-Annual Retailer Event	2015 Results only. Results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the event occurs.	market (gross) taking into account net-to-gross factors such as free- ridership and spillover (net) at the measure level.		
4 saveONenergy HVAC Incentives	2015 Results only. Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.			
5 saveONenergy Residential New Construction	2015 Results only. Results are directly attributed to LDC based on LDC identified in application in the iCon system.	April 15, 2018	Savings are considered to begin in the year of the project completion date.			
6 saveONenergy Energy Audit	2015 Results only. Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total saving resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align NEAX protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factor such as free-ridership and spillover (net).		
7 saveONenergy Efficiency: Equipment Replacement	2015 Results only. Results are directly attributed to LDC based on LDC Identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment deried by LDC"); Please see page for Building type to Sector mapping.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date in the iCON system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the ICON system (reported). A realization rate is applied to the reported savings to ensure that the savings align with EM& protocols and reflect the savings that were actually realized (i.e. how many light bubbs were actually installed vs what was reported (gross). At savings takes into account net-to- gross factors such as free-ridenship and spillower (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). Additional Note: project counts were derived by filtering out invalid statuses (e.g. Por-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2015)		
8 saveONenergy Direct Installed Lighting	2015 Results only. Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	Savings are considered to begin in the year of the actual project	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand a nergy to reflect the savings that were actually realized (i.e. how many light bulbs were actually initialed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as fire ridership and spilover for both peak demand and energy savings at the program level (net).		
9 saveONenergy New Construction and Major Renovation Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	completion date.	Peak demand and energy savings are determined by the total saving for a given project as reported (reported). A realization rate is applie to the reported savings to ensure that these savings align with EM&		
10 saveONenergy Existing Building Commissioning Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		protocols and reflect the savings that were actually realized (i.e. how many light bulks were actually installed vs. whole was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).		
11 saveONenergy Process & System Upgrades	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total saving		
12 saveONenergy Energy Manager	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	from a given picet as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align w EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factor		
13 saveONenergy Monitoring & Targeting	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	such as free-ridership and spillover (net).		
4 saveONenergy Home Assistance Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure		
LS Aboriginal Conservation Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	were installed.	(gross), taking into account net-to-gross factors such as free-ridersh and spillover (net) at the measure level.		
6 Program Enabled Savings	2015 Results only.	April 15, 2018				

	All
Local Distribution Company	Allocation (%)
Alectra Utilities Corporation Algoma Power Inc.	0.18
Atikokan Hydro Inc.	0.02
Attawapiskat Power Corporation	0.01
Bluewater Power Distribution Corporation	0.62
Brantford Power Inc.	0.67
Burlington Hydro Inc.	1.34
Canadian Niagara Power Inc.	0.35
Centre Wellington Hydro Ltd.	0.11
Chapleau Public Utilities Corporation	0.03
COLLUS PowerStream Corp. Cooperative Hydro Embrun Inc.	0.25
E.L.K. Energy Inc.	0.25
Energy+ Inc.	1.12
Entegrus Powerlines Inc.	0.70
EnWin Utilities Ltd.	1.49
Erie Thames Powerlines Corporation	0.32
Espanola Regional Hydro Distribution Corporation	0.06
Essex Powerlines Corporation	0.61
Festival Hydro Inc.	0.32
Fort Albany Power Corporation	0.01
Fort Frances Power Corporation	0.09
Greater Sudbury Hydro Inc.	0.80
Grimsby Power Incorporated Guelph Hydro Electric Systems Inc.	0.18
Halton Hills Hydro Inc.	0.59
Hearst Power Distribution Company Limited	0.05
Hydro 2000 Inc.	0.04
Hydro Hawkesbury Inc.	0.15
Hydro One Networks Inc.	27.29
Hydro Ottawa Limited	6.61
InnPower Corporation	0.33
Kashechewan Power Corporation	0.02
Kenora Hydro Electric Corporation Ltd.	0.09
Kingston Hydro Corporation	0.29
Kitchener-Wilmot Hydro Inc.	1.51
Lakefront Utilities Inc.	0.11
London Hydro Inc.	2.61
Midland Power Utility Corporation	0.10
Milton Hydro Distribution Inc.	0.66
Newmarket-Tay Power Distribution Ltd.	0.60
Niagara Peninsula Energy Inc.	0.82
Niagara-on-the-Lake Hydro Inc.	0.13
North Bay Hydro Distribution Limited	0.42
Northern Ontario Wires Inc.	0.09
Oakville Hydro Electricity Distribution Inc.	1.51
Orangeville Hydro Limited	0.20
Orillia Power Distribution Corporation	0.22
Oshawa PUC Networks Inc.	1.48
Ottawa River Power Corporation Peterborough Distribution Incorporated	0.12
Peterborough Distribution Incorporated PUC Distribution Inc.	0.46
Renfrew Hydro Inc.	0.05
Rideau St. Lawrence Distribution Inc.	0.07
Sioux Lookout Hydro Inc.	0.08
St. Thomas Energy Inc.	0.28
Thunder Bay Hydro Electricity Distribution Inc.	0.82
Tillsonburg Hydro Inc.	0.12
Toronto Hydro-Electric System Limited	15.57
Veridian Connections Inc.	2.39
Wasaga Distribution Inc.	0.18
Waterloo North Hydro Inc.	0.96
Welland Hydro-Electric System Corp.	0.31
Wellington North Power Inc.	0.06
West Coast Huron Energy Inc.	0.06
Westario Power Inc. Whitby Hydro Electric Corporation	0.37
	1.12

#	Term	Definition
	Reporting Terms	
1	Forecast	An LDCs' forecast of program activity, savings, net-to-gross adjustments, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools. Forecasts at the province wide level are the sum of all LDCs' forecasts.
2	Reported	Program activity savings and expenditures as determined by the LDC. For savings: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
3	Verified	The IESO's annually EM&V assessed program activity, savings, net-to-gross, expenditures and cost effectiveness. Preliminary Verified results are provided by June 1st of each year and Final Verfled results are provided by July 1st of each year.
4	Adjustment	Verified results that were achieved in previous years but were not provided in a previous years' Annual Verified Results Report.
5	Progress or Comparison	An assessment of Actual results versus Verified results.
	Framework Terms	1
6	2011-2014+2015 Extension Legacy Framework	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
7	2015-2020 Conservation First Framework	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
8	LDC Innovation Fund	A source of funding under the 2015-2020 Conservation First Framework separate from LDC CDM Plan Budgets that the IESO maintains to support LDC led program design and market testing of new initiatives. Savings from LDC Innovation Fund pilot program contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
9	Conservation Fund	A source of funding external to the 2015-2020 Conservation First Framework that provides financial support for innovative electricity conservation technologies, practices, research, and pilot programs. Savings from Conservation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
	Programs Terms	
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Coupon; or Retrofit;) from the 2015-2020 Conservation First Framework.
	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO. A program pilot that may achieve energy or demand savings and is funded separately
	Pilot Program	from an LDC's CDM Plan Budget. A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Fridge & Freezer Pickup) from the 2011-2014-2015
		Extension Legacy Framework.
	Activity Terms	A more use of the level of program participation, such as pumper of projects, however
16	Participation	A measure of the level of program participation, such as number of projects, homes, equipment, etc For a specific initiative the relevant type of participation acquired in the market place
17	Unit of Measure	(e.g. appliances picked up; coupon products installed; HVAC equipment installed; audits performed; or projects completed;).
	Savings Terms	
18	Energy Savings	Energy savings attributable to conservation and demand management activities.
19	Peak Demand Savings	Peak Demand savings attributable to conservation and demand management activities, as determined by the IESO'S EM&V Protocols.
20	Incremental Savings	The energy or peak demand savings newly attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'. Savings attributed to activity performed or completed in 2016 are presented as 2016 savings.
21	First Year Savings	The energy or peak demand savings that occur in the year it was achieved (includes resource savings from only new program activity).
22	Annual Savings	The energy or peak demand savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous
23	Gross Savings	years). The energy or peak demand savings that have been reported based on a conservation
24	Net Savings	and demand management program's participation tracking. The energy or peak demand savings attributable to conservation and demand
25	Realization Rate	
	Realization rate	management activities, net of free-riders, spill over, etc. A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak
26	Net-to-Gross Adjustment	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as
26 27		A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or
27	Net-to-Gross Adjustment	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc.
27	Net-to-Gross Adjustment Free-ridership	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the
27	Net-to-Gross Adjustment Free-ridership Spillover	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spilover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings
27	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spilover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
27 28 29	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
27 28 29 30 31	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
27 28 29 30 31 32	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs incurred by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc.
27 28 29 30 31 32	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expense, etc. Costs incurred by the LDC in the delivery of a program related to labour, marketing, third-party expense, etc. Costs incurred by the LDC is the delivery of a program related to labour, marketing, third-party expense, etc. Costs incurred by the LDC is a cooling), and charged to the LDC in which the programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs for upper savings and IESO Value Added Services Cost. The sum of LDC Administrative Expenses and Participant incentives. All costs are presented based on the period reported by LDCs to the IESO, not
27 28 29 30 31 32 33	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs incurred by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. Costs incurred by the IDS and the added Service Provider related to associated programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs's activity took place. The sum of Total Administrative Expenses and Participant incentives.
27 28 29 30 31 32 33	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost Total Administrative Expense	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. The sum of LDC Administrative Expense and IESO Value Added Services Cost. The sum of LDC Administrative Expense and IESO Value Added Services Cost. All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated writh reported activity. E.g. if an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses asociated with a 2016 completed project, then: a the savings; b) expenditures; and c) the program second program (cost of program (cost), b) expenditures; and c) the program second program (cost) by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and c) Adm
27 28 29 30 31 32 33 34	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost Total Administrative Expense	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. Costs incurred by the IESO's Value Added Service Provider related to labour, marketing, third-party expenses, etc. Costs incurred by the IESO's Value Added Service Provider related to associated programs's activity took place. The sum of Total Administrative Expenses and Participant Incentives. All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity. E.g. If an LDC reports by the December 2016 IESO Reporting Period: 1) the savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, them: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2015 program year. However if the same is reported in or after the January 2017 IESO Reporting Period: 1) the savings will
27 28 29 30 31 32 33 34	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost Total Administrative Expense Delivery Cost Allocated Budget	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expense, etc. Costs incurred by the IDC in the delivery of a program related to labour, marketing, third-party expense, etc. Costs incurred by the IDC in the delivery of a program related to labour, marketing, third-party expense, etc. The sum of LDC Administrative Expense and IESO Value Added Services Cost. The sum of LDC Administrative Expense and Participant Incentives. All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity. E.g. if an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then a) the savings in [] the savings will be attributed to the 2015 program year; iii the expenditures will be attributed to the 2016 program year; iiii the e
227 28 29 30 31 32 33 33 34 35	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost Total Administrative Expense Delivery Cost	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The parcentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expense, etc. Costs incurred by the EOS' Salue Added Service Provider related to associated programs (Coupons and Heating & Cooling), and charged to the LDC in which the program situations and the safe & Cooling), and charged to the LDC in which the program situation to the period reported by LDCs to the IESO, not necessarily associated with reported activity. E.g. If an LDC reports by the December 2015 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expense associated with a 2016 completed project, then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2015 Program year. However if the same is reported in or after the January 2017 IESO Reporting Period: 1) he savings with be attributed to the 2017 program year and will not appear in the 2015 Verifie
27 28 29 30 31 32 33 33 33 34 35	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost Total Administrative Expense IESO Value Added Services Cost Total Administrative Expense Delivery Cost Allocated Budget Cost Effectiveness Terms Total Resource Cost Cost Effectiveness Test	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover, Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. Costs incurred by the IDC is the delivery of a program related to labour, marketing, third-party expenses, etc. The sum of LDC Administrative Expense and IESO Value Added Services Cost. The sum of LDC Administrative Expense and Participant incentives. All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity. E.g. If an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then a) the savings is 0. Segnetitures will be astributed to the 2017 program year attributed to the 2016 program year; However if the same is reported in o
27 28 29 30 31 31 32 33 33 33 34 35 35 36 37	Net-to-Gross Adjustment Free-ridership Spillover Allocated Target Costs Terms Participant Incentive LDC Administrative Expense IESO Value Added Services Cost Total Administrative Expense Delivery Cost Allocated Budget Cost Effectiveness Terms	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc. The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc. The percentage of participants who would have implemented the program measure or practice in the absence of the program. Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the anarticipants. There can be participant and/or non-participant spillover. Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework. Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings. Costs incurred by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc. Costs incurred by the IDS's Value Added Service Provider related to associated programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs (Soupons and Heating & Cooling), and charged to the LDC in which the programs's activity took place. The sum of LDC Administrative Expenses and Participant Incentives. All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity. E.g. If an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then: a) the savings; b) expenditures; and () corresponding cost effectiveness; are attributed to the 2016 program year. However if the same is reported in or after the January 2017 IES

- 1 Appendix 10 Participation and Cost Report Niagara-on-the-
- 2 Lake Hydro Inc. 2019 04

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Program Participation & Cost Report Message from the IESO Reporting Team

The IESO is pleased to provide LDCs with the Monthly Program Participation & Cost Report.

This report is generally posted on the IESO LDC Extranet by the Friday of the week following the 15th of each month. The report provides province-wide and LDC specific program participation and costs to the extent known based on information received by the IESO from all distribution companies and IESO Value Added Service Provider.

The Monthly Program Participation & Cost Report includes preliminary, unverified results based on information received by the IESO. Upon verification of project information through the IESO Evaluation, Measurement and Verification (EM&V) process, results will be reported as 'verified'. Performance against CDM Plan information is also available in this report and is based on the LDC's approved CDM Plan as at the end of the reporting period. Where two or more LDCs have submitted a joint CDM Plan, the IESO will provide a Monthly Program Participation & Cost Report for each LDC included in the CDM Plan.

The IESO strives to improve on the current reporting processes to provide meaningful and timely information to LDCs. Your feedback is encouraged and appreciated. Should you have any feedback, questions or comments on this report please contact us at LDC.Support@ieso.ca.



Program Participation & Cost Report Table of Contents

#	Worksheet Name	Worksheet Description
1	Cover Letter	Provides an overview of the IESO Value Added Services Report.
2	How to Use This Report	Describes the contents and structure of this report.
3	LDC Summary	 A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the LDC's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) Annual savings and spending; 4) Annual LDC CDM Plan spending progress; 5) Graphs describing: a) Contribution to 2020 Target Achievement by program; b) Program to Date LDC CDM Plan Budget Spending by Sector; c) Annual energy savings persistence to 2020 by year; d) Allocated Target achievement progress relative to other LDCs; and e) LDC CDM Plan Budget Spending progress relative to other LDCs.
4	LDC Progress	 A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
5	Province-Wide Summary	 A high level summary of the Program Participation & Cost Report, including: 1) Progress toward the Province's a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) Savings and Spending 2015-2020 Forecasts; 2) Centrally Delivered Spending and Budget 3) LDCs who are forecasted to be over 2015-2020 allocated budget
6	Province-Wide Progress	 A comprehensive report of 2015-20 conservation results including: 1) Activity; 2) Savings including; a) Net Energy; b) CDM Plan forecasts, verified actuals and relative progress; c) Allocated Target and Target achievement; and 3) Spending, including participant incentives and administrative expenses.
7	IESO VAS and CD Costs	Insight into the spending and savings of Centrally Delivered Programs and non-program related items.
8	Retrofit Multi-Site Applications	Provision of the LDCs and the Province-Wide aggregated Multi-Site Application activity and costs for each year of the Save on Energy Retrofit Program.
9	Methodology	Description of the methods used to calculate energy savings, financial results and cost- effectiveness.
10	Reference Tables	Consumer Program Province-Wide results allocation to specific LDCs.
11	Glossary	Definitions for the terms used throughout this report.



Program Participation & Cost Report How to Use This Report

The IESO is pleased to provide you with the Monthly Participation and Cost Report.

This report provides:

- 1) program participation;
- 1) electricity savings; and

2) costs

to the extent known based on information received by the IESO in accordance with Section 9.2(c)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail:

- 1) program participation results including:
 - a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);

2) program savings results including:

- a) net 2020 annual energy savings;
- b) allocated target, target achievement and progress towards target;
- c) incremental net first year energy savings;

and where available reported by: i) forecasts; ii) unverified and verified actuals; and iii) progress (forecast vs actuals);

3) program spending including:

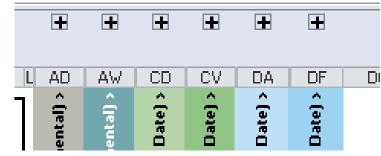
a) participation incentive spending;

b) administrative expense spending (including IESO value-added services costs);

c) aggregated total spending;

and for each cost: i) forecasts; ii) unverified and verified actuals; and iii) progress (forecast vs actuals);

This report's format is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the results categories listed above have been grouped together for easy accessibility.



Please note:

1) Cost Effectiveness Test (CET) results including:

a) total resource cost test;

b) program administration cost test;

c) levelized unit energy cost test;

will not be available for the 2015 program year in this report but will be provided to LDCs once available.

2) forecasts of: a) activity; b) savings; and c) spending; included in this report are

based on LDC submitted and IESO approved CDM Plan - Cost Effectiveness Tools as of the end of the reporting month.

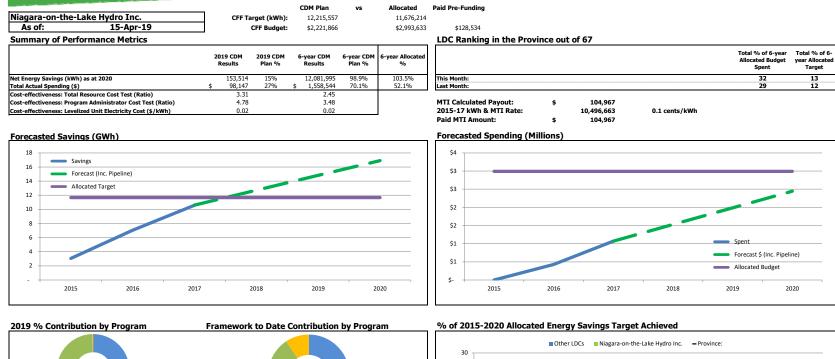
(from the i) Program Design; ii) Budget Inputs; iii) Savings Results; and iv) CE Results; worksheets); Please note that this does not contain data for Legacy Framework program spending or CFF pilot program activity, savings, spending or cost effectiveness.

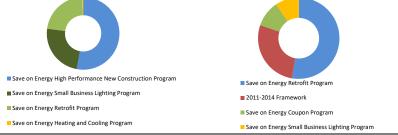
- 3) Annual FCR Progress only includes Full Cost Recovery funded program savings. In future reports, any Pay-for-Performance funded programs will be reported as a separate line item.
- 4) The complete list of programs and pilots launched into market in 2015 has been included, however no programs and pilots were in market for a sufficient period of time to enable a valid EM&V process. Therefore these programs and pilots have nothing to report at this time and have cells greyed out rather than reporting zero savings or spending. Any results in 2015 will be determined in a subsequent EM&V process and will be included in a future year's Annual Verified Results Report as a 2015 adjustment;
- 5) Pilot program savings are attributed to the LDC where the pilot program project is located in; and

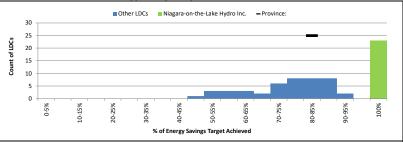
6) This Monthly Participation and Cost Report provides results for the LDC and province only. No aggregated



Program Participation & Cost Report Summary







Persisting Energy Savings by Year



Other LDCs Niagara-on-the-Lake Hydro Inc. - Province:

% of 2015-2020 Allocated Budget Spent



Niagara	on-the-Lake Hydro Inc.	2019 CDM	Plan Forecast	6-year CDM	Plan Forecast	Count (Incremental)	Energy Savings (Incremental)	Energy Savings (Persisiting to	Spending (Year to Date)	Spending (Program to	Cost Effectiveness	Cost Effectiveness
As of:	15-Apr-19	% kWh	% Budget	% kWh	% Budget			2020)		Date)	(Year to Date)	(Prorgram to Date)
	Des energe	Target	Spent	Target	Spent							
	Program Save on Energy Coupon Program	1										
	Save on Energy Heating and Cooling Program	0%	0%	72%	56%							
1	Save on Energy Heating and Cooling Program Save on Energy Home Assistance Program	2%	37%	98%	79%							
Residential	Save on Energy Instant Discount Program	0%	0%	206%	357%							
(Province-	Save on Energy New Construction Program	-			111							
Wide)	Save on Energy New Construction Program Save on Energy Smart Thermostat Program				111							
1	Save on Energy Whole Home Program				111							
	Residential Programs Total	0%	13%	113%	87%							
1	Save on Energy Audit Funding Program	0%	0%	0%	13737%							
1	Save on Energy Retrofit Program	5%	17%	100%	60%							
1	Save on Energy Retrofit Program - P4P											
1	Save on Energy Retrofit Program Enabled Savings											
1	Save on Energy Small Business Lighting Program	84%	187%	138%	108%							
1	Save on Energy Business Refrigeration Program	1873%	356%	17%	12%							
Non-	Save on Energy Energy Performance Program	-										
Residential	Save on Energy Existing Building Commissioning Program	0%	0%	0%	25%							
(Province- Wide)	Save on Energy High Performance New Construction Program	125%	107%	63%	79%							
mac)	Save on Energy High Performance New Construction Program Enabled Savings											
1	Save on Energy Process & Systems Upgrades Program			0%	1435082%							
1	Save on Energy Process & Systems Upgrades Program - P4P											
1	Save on Energy Process & Systems Upgrades Program Enabled Savings	P										
1	Save on Energy Energy Manager Program	0%	0%	0%	13%							
1	Save on Energy Monitoring & Targeting Program	0%	0%	0%	897444%							
	Non-Residential Programs Total	20%	30%	96%	67%							
Local LDC Programs	Local LDC Programs Total											
LDC Innovation	LDC Innovation Pilots Total											
Target Gap]										
Non-Approve	ed Program											
Unassigned F	Program											
Energy Savin	gs from 2011-2014 Framework]		94%								
TOTAL Conse	ervation First (CDM Plan Forecast)	15%	27%	99%	70%							
TOTAL Conse	rvation First (Target and Budget Allocation)			103%	52%							



Province Wide Dashboard High Level Summary

as of: 15-Apr-19

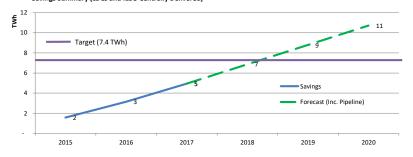
LDCs and IESO Centrally Delivered

6.06 TWh achieved to date. 82% of allocated target and 16% ahead of CDM plans.

IAP 0.42 TWh achieved to date. 32% of allocated target.

\$1268.1 million spent to date. 52% of allocated budget and 19% behind CDM plans. \$69.3 million spent to date. 27% of allocated budget.

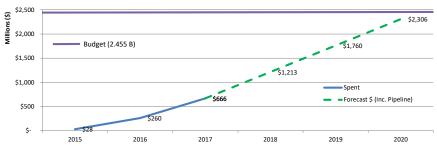
Savings Summary (LDCs and IESO Centrally Delivered)



LDCs Forecasted Spending in millions at 2020 (excluding First Nations)

		Allocated	Forecast	%
1	Milton Hydro Distribution Inc.	\$11.91	\$19.03	160%
2	Halton Hills Hydro Inc.	\$8.39	\$11.99	143%
3	EnWin Utilities Ltd.	\$38.42	\$48.31	126%
4	Tillsonburg Hydro Inc.	\$2.88	\$2.89	100%
5	Northern Ontario Wires Inc.	\$1.17	\$1.45	123%
6	Essex Powerlines Corporation	\$8.53	\$12.12	142%
7	Thunder Bay Hydro Electricity Distribution Inc.	\$12.93	\$20.95	162%
8	Brantford Power Inc.	\$16.55	\$17.84	108%
9	Midland Power Utility Corporation	\$2.74	\$2.57	94%
10	Orillia Power Distribution Corporation	\$4.32	\$4.46	103%
11	PUC Distribution Inc.	\$7.44	\$7.30	98%
12	London Hydro Inc.	\$51.19	\$49.80	97%
13	Hydro Ottawa Limited	\$105.24	\$92.54	88%
14	Algoma Power Inc.	\$2.11	\$1.93	92%
15	Erie Thames Powerlines Corporation	\$7.11	\$14.22	200%
16	Oakville Hydro Electricity Distribution Inc.	\$24.58	\$25.30	103%
17	Hydro One Networks Inc.	\$338.36	\$348.59	103%
18	Renfrew Hydro Inc.	\$1.07	\$1.03	96%
19	Burlington Hydro Inc.	\$25.83	\$25.77	100%

Spending Summary (LDCs and IESO Centrally Delivered)



Central Services Spending in millions

	Total Actual	Budget
CFF Labour	\$2.04	\$5.40
Technical Services (to include tech reviewer)	\$36.36	\$77.40
IESO Infrastructure (IS, IT, CRM, Call Centre)	\$6.73	\$14.71
LDC Innovation Fund (Not including Whole Home)	\$13.09	\$30.64
Collaboration Fund	\$4.60	\$12.22
Capability Building, National Accounts & Energy Managers	\$4.77	\$37.03
Province Wide Marketing & Market Research	\$35.65	\$55.73
LDC Performance Incentives (MTI/ATI/ETI)	\$68.04	\$128.50
Centrally Delivered Programs Total	\$27.92	\$255.01
Centrally Delivered Provincial Total	\$199.21	\$616.64

Assumptions

Forecast (Deal Days): Assume savings/spending for 1 event a year. Pipeline: Includes discounted Retrofit data in the pipeline and all PSUP and IAP projects. Forecasts are a linear based on past performance, aside from large PSUP and IAP projects. Forecasts include pipeline information as well as verified and unverified data.

Forecasts for savings are based on a 6 years, spending is based on a 5 years (legacy extension).

Province-Wide Progress		2019 CDM	Plan Forecast	6-year CDM Plan Forecast		Count (Incremental)	Energy Savings (Incremental)	Energy Savings (Persisiting to 2020)	Spending (Year to Date)	Spending (Program to Date)	Cost Effectiveness (Year to Date)	1
As of:	15-Apr-19	% kWh Target	% Budget Spent	% kWh Target	% Budget Spent			2020)		Date)	(Teal to Date)	
	Program											
	Save on Energy Coupon Program	0%	2%	136%	82%							
	Save on Energy Heating and Cooling Program	2%	23%	88%	73%							
	Save on Energy Home Assistance Program	1%	5%	58%	48%							
Residential (Province-	Save on Energy Instant Discount Program			5307%	9325%							
Wide)	Save on Energy New Construction Program	4%	24%	33%	58%							
	Save on Energy Smart Thermostat Program	0%	45%	112%	32%							
	Save on Energy Whole Home Program	0%	0%	25%	0%							
	Residential Programs Total	1%	16%	168%	83%							
	Save on Energy Audit Funding Program	0%	20%	56%	64%							
	Save on Energy Retrofit Program	2%	35%	84%	66%							
	Save on Energy Retrofit Program - P4P	0%	13%	38%	26%							
	Save on Energy Retrofit Program Enabled Savings		0%	240%	0%							
Non-	Save on Energy Small Business Lighting Program	15%	32%	52%	53%							
	Save on Energy Business Refrigeration Program	13%	21%	49%	44%							
	Save on Energy Existing Building Commissioning Program	0%	5%	14%	34%							
Residential	Save on Energy High Performance New Construction Program	1%	24%	92%	64%							
(Province- Wide)	Save on Energy High Performance New Construction Program Enabled Savings											
,	Save on Energy Process & Systems Upgrades Program	1%	5%	9%	21%							
	Save on Energy Process & Systems Upgrades Program - P4P	1/0	570	152%	93%							
	Save on Energy Process & Systems Upgrades Program Enabled Savings											
	Save on Energy Energy Manager Program	12%	15%	68%	37%							
	Save on Energy Monitoring & Targeting Program	0%	11%	2%	26%							
	Non-Residential Programs Total	2%	20%	61%	49%							
Local LDC	Local LDC Programs Total	0%	15%	43%	40%							
LDC LDC	LDC Innovation Pilots Total	0%	0%	188%	8%							
Centrally	Centrally Delivered Total	10%		9%	49%							
irget Gap	-	1										
on-Approv	ed Program	1										
nassigned	Program	1										
nergy Saviı	ngs from 2011-2014 Framework	j		115%								
OTAL Cons	ervation First (CDM Plan Forecast)	2%	48%	82%	52%							
OTAL Cons	ervation First (Target and Budget Allocation)]		82%	52%							
dustrial A	ccelerator	5%	27%	32%	27%							



Program Participation & Cost Report IESO Value Added Services Costs and Centrally Delivered Costs

Niagara-on-the-Lake Hydro Inc.

Unless otherwise stated, all values are unverified

*The IESO adjusted values reported as Value Added Services Unverified Adjustments from Previous Years to discount savings reported as verified savings from previous years.

Year end adjustments for invalid coupons that didn't align with retailer sales data are done in the Decembers IESO reporting period.		Activity	Measures Installed	Net Incremental Energy Savings (kWh)		Administrative Expenses (Variable)		Participant Incentives		Total Value Added Services Spending	
	Coupon Total	Measures	38,087,165	1,035,550,189	\$	10,575,058	\$	101,323,731	\$	111,898,788	
Provincial	Instant Discount Program to Date Total	Measures	31,123,156	629,597,669	\$	2,242,531	\$	53,796,834	\$	56,039,366	
Value Added Services Actuals	Heating and Cooling Program to Date Total	Equipment	212,703	129,777,545	\$	2,403,050	\$	99,195,550	\$	101,598,600	
for the period	Smart Thermostat Program to Date Total	Equipment	21,095	6,195,178	\$	79,405	\$	794,050	\$	873,455	
	LDC Value Added Services Provincial Total			1,801,120,581	\$	15,300,044	\$	255,110,165	\$	270,410,209	
	Coupon Total	Measures	44,494	1,249,822	\$	11,028	\$	118,016	\$	129,044	
LDC	Coupon Total Instant Discount Program to Date Total	Measures Measures	44,494 40,902	1,249,822 825,072	\$ \$	11,028 2,941	\$ \$	118,016 70,481	-	129,044 73,423	
LDC Value Added Services Actuals					\$ \$ \$	· · ·	\$ \$ \$		\$		
Value Added	Instant Discount Program to Date Total	Measures	40,902	825,072	\$ \$ \$	2,941	\$ \$ \$	70,481	\$	73,423	

	CFF Labour	l			\$ 2,041,298		\$ 2,041,298
	Technical Services (to include tech reviewer)	1			\$ 36,364,605		\$ 36,364,605
	IESO Infrastructure (IS, IT, CRM, Call Centre)	1			\$ 6,729,087		\$ 6,729,087
Provincial Centrally	LDC Innovation Fund (Not including Whole Home)	1			\$ 13,087,154		\$ 13,087,154
Delivered Actuals for the	Collaboration Fund	1			\$ 4,604,611		\$ 4,604,611
period	Capability Building, National Accounts & Energy Managers	1			\$ 4,774,004		\$ 4,774,004
	Province Wide Marketing & Market Research	1			\$ 35,652,336		\$ 35,652,336
	LDC Performance Incentives (MTI/ATI/ETI)	1			\$ 68,036,082		\$ 68,036,082
	Centrally Delivered Programs Total		161,778.2	12,529,974	\$ 23,606,155	\$ 4,313,506	\$ 27,919,661
	Centrally Delivered Provincial Total				\$ 194,895,330	\$ 4,313,506	\$ 199,208,837



	gram Participation & Cost Re on Energy Retrofit Program - Multi-Site		ations				Month				^ By Month					
Niagara-	on-the-Lake Hydro Inc.	ital) >	ital) >	2020) >												
As of:	15-Apr-19 Program	ncremen	ncremen	2	2019 Incentive Budget		19 Year to Date ncentive Actual		2019 Admin Budget		19 Year to Date Admin Actual		2019 Total Budget		9 Year to Date otal Actual	
Provincial	Save on Energy Retrofit Program	unt (I	I) sõu	(Persisiting	\$ 64,921,809		22,884,868	\$	35,502,389	\$	7,362,819	\$	86,278,803	\$	30,247,687	,
	Save on Energy Retrofit Program - P4P	S	y Savi	gs (Pe	\$ 25,016,698	\$	5,484,635	\$	19,107,840		-	\$	42,612,031	\$	5,484,635	;
	Multi-Site Applications*		Energ)	/ Savings		ş	2,560,615			ş	222,980			ş	2,783,595	;
DC Astrola	Save on Energy Retrofit Program	1		Energy	\$ 97,000	s	19,399	s	160,000	s	25,461	ś	257,000	\$	44,860	,
Period	Save on Energy Retrofit Program - P4P				-	Ŧ	-	-	-	Ţ	-	-	-	Ŧ	-	1
	Multi-Site Applications*					s	5,231			\$	2,310			s	7,541	[

*Only contains UNVERIFIED data. For MSA in final verified results please request

a complete project list by emailing LDC.Support@ieso.ca



Program Participation & Cost Report Methodology

eneral I results are at the end-user level (not including transmission and distribution losses).

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New York Control of the State State

on Legacy Framework Initiatives

Image: section of the sectio		# Initiative Attributing Savings to LDCs		Savings 'start' Date	Calculating Resource Savings	Project Count		
Image: section in the section is which is hope of a mark is a m	1	avviCNenergy Conservation Instant Coupon Booklet	Otherwise results are allocated based on average of	Savings are considered to begin in the year in which the coupon was redeemed.				
Image: state	2	aweOkenergy B-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.		the verified measure level per unit assumption			
Image: section in the sectio	3		stream allocated based on average of 2005 & 2009 residential throughput; Home pickup stream directly		into account net-to-gross factors such as free-ridenship			
	4	saveONenergy HVAC Incentives	Results directly attributed to LDC based on customer applications and postal code.	Savings are considered to begin in the year that the Installation occurred.				
Image: section of the sectio	5	saveONenergy Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system.	Savings are considered to begin in the year of the project completion date.				
a montrage manual space sp	6		Projects are devely attributed to LDC based on LDC identified in the application.		tatal average resulting from an audit as reported (reported). A realization rate is applied to the reported axings: to ensure that these savings align with DMBV protocols and reflect the savings that were actually installed (i.e. how many light builts were actually installed vs. what was reported) (pross). Net savings takes into account net to-rooms factors such as ther-			
Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	7	avsONenergy Efficiency: Equipment Replacement	identified at the facility level in the ICon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"): Please are page for Building type to Sector		that average for a given project in reported is the CON vigent reported. A restance main with sepled to the reported avelogs, to ensure that these samings adops with DRAV personals and reflect the savings that were actually statistic of reflect the savings that were actually statistic or whet was reported (group). And savings takes into account relies or protecting that savings takes into account relies or protect the saving and retain-groups relies can office the saving and demand savings and depend on the mix of projects within an LOC tempory. In Soliton or real-folders	completion date. Count is based of the unit of measurement shown beside the		
Image: set of the set			dditional Note: project counts were derived by filtering out invalid statume (e.g. Post-Project Saltminsion - Payment denied by LDC) and only including projects with an ktual Project Completion Data" in 2014)					
Bits Description Descripion <thdescription< th=""> <thdes< td=""><td>9</td><td>sawiDhinongy Direct Installed Lighting</td><td>Results are directly attributed to LDC based on the LDC specified on the work order.</td><td>Savings are considered to begin in the year of the actual</td><td>the werfield measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (<i>u</i>, how many light bulbs were actually installed (<i>u</i>, what was responds) (group). Nits savings take into account net- bergross flactors such as there-identify and splithwer for both peak demand and energy aways and the program</td><td></td></thdes<></thdescription<>	9	sawiDhinongy Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual	the werfield measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (<i>u</i> , how many light bulbs were actually installed (<i>u</i> , what was responds) (group). Nits savings take into account net- bergross flactors such as there-identify and splithwer for both peak demand and energy aways and the program			
Image: Section of the sectio	10	aveDNenergy New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC Meetilian	proper companyon and	total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with DMW protocols and reflect the savings that were actually realized (i.e.			
The interference of the second seco	11	asveOkenengy Dristing Building Commissioning Intentive			was reported) (gross). Net savings takes into account ret-to-cross factors such as free-ridenthip and solitover			
De michanys & mysiche De michanys & my	12	saveONenergy Process & System Upgrades		Savings are considered to begin in the year in which the				
Building Sections	13	saveONenengy Monitoring & Targeting	Results are directly attributed to LDC based on LDC	norneve project was comprehed.	(reported). A realization rate is applied to the reported savings to ensure that these savings align with DNW/			
Loss Assault Program desch arbitration Colomation Co	14	saveONenergy Energy Manager	identified in application.	project was completed by the energy manager. If no date is specified the savings will begin the year of the	realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-			
	14	aweONenergy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-			
	15	Aboriginal Conservation Program						

2015-2020 Conservation First Framework Programs

•	Program	Attributing Savings to LDCs	Savings Start' Date	Calculating Resource Savings	Project Count	
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.			
2	Save on Energy Heating and Cooling Program	Results forstly attributed to LGC based on customer applications and postel code. LCC: may see additional participation, savings and spending relative to the Nanch 2016 Value Addid Services Report to the previously unsaligned applications completed in 2005. Adjustments to neffect field 2015 verifies participation will appear in your 2014 2016 Value Added Services Report to be issued on August 15, 2016	Savings are considered to begin in the year that the installation occurred.	Paak demand and energy savings are determined using the worlfied measure level per unit assumption multiplied by the uptake in the market (grow) sking into account rule-proves factors used as the -ridembip and uplicer (net) at the measure level.		
3	Seve on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in CDM LDC Report Template.	Savings are considered to begin in the year of the project completion date.			
4	Sever on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.			
5	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the tabl savings resulting from an audit as reported (segretics). A savitation rate is applied to the reported savings to ensure that these savings align sith DWAV protocols and order the savings that were actually installed us, show many light autos serve actually installed us, show many light autos serve actually installed us and use reporting (provided the saving tables the account net begross factors such as their relevant part of prover (sect).	Based on project completion date. Count is the number of line items (rows) that are entered into th "Program Activity Information" tab i the LDC Report Template.	
6	See on Energy Rebuilt Program	Results are directly attributed in UCC largest on UCC metals of the plants in the encoded line or plants heights in the Agriculty state of the encoded line of the Education of the an encluded (excluding "Reynest seried by UCC)" Results are plants for Building hype to Sector mapping.	Seings are considered to begin in the year of the actual project completion date as reported in the CDM LDC Report Templeta	Peak demand and energy usings are determined by the table analysis of a given project are represented in the COV description "potential". A mathematication table is applied to the mathematication of the second	The parts	
7	Seven Dangy Seven Bannes Liphing Program	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual ansists consoletion date. Coast is based off the actual	Paids denoted and energy anxiety are differentiated using weathing measures later are not assumed to the multiplicity by the uptake of each measure accounting to the establishic marks to charp paid energy and energy to reflect the auxings that uses a catality instituted (i.e., how my light bables used in the re-darship and gallow of an establishic tradition of the re-darship and gallow of pairs laters used in the re-darship and gallow of pairs laters used in the re-darship and gallow for pairs laters used in the re-darship and gallow for loss (tart).	Baarl on reniart	
•	Saw on Energy Nigh Performance New Construction Program Saw on Energy	Results are directly attributed to LDC based on LDC identified in the application.	completion data.	Paak demand and energy savings are determined by the tabl savings for a given project an expected in the CDM LDC Report Template. Preliminary unwerthed net savings are oblaciated by multiplying reported analysis by 2004 Net-to-gross ratios and realization rates.	completion date. Could be a future completion date as incentives are paid before the project is completed.	
9	brieting Building Commissioning Program Save on Energy	Results are directly attributed to LDC based on LDC	Savings are considered to begin in the year in which the		Based on project completion date. Count is the number of line	
10	Program Seus on Frame	dentified in application. Results are directly attributed to LDC based on LDC dentified in the application; Initiative was not realised, no completed projects in 2011, 2012 or 1013	project was in-service. Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (sported). A exalization rate is applied to the reported savings to ensure that these savings align with DRW protocols and orline the savings that were actually	items (rows) that are entered into th "Program Activity Information" tab is the LDC Report Template.	
12	Sawi on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC destified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the date the specified to be an original by the energy manager.	protocols and network the savings that were actually malland (Le. how many light balls were actually initialied vs. what was reported) (grows), Net savings takes into account net-b-grows fickons such as free- ridenthip and spillover (net).	Based on project completion date. Could be a future completion date as incentives are paid before the project is completed.	
13	flueinem Rafigeration Incentive Program		Savings are considered to begin in the year in which the measures were installed.	Peak domand and energy savings are determined using the world-measure lovel per variat assumption multiplied by the used of each measure accurating the measure of the savings that were actually unitided (), is how registed () groups), but were actually unitided (), where we reported () groups), but anwings table into account net-for- bath peak domand and energy savings at the program lass () rate).	Based on project completion date. Count is the number of line	
34	Social Benchmarking Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the report was sent.	Peak demand and energy unvings are determined using the verified measure level (home) per unit assumption multiplied by the uptake in the market (grow) taking the account net-b-opose factors such as three- ride account net-b-opose factors such as three- ride spillover (net) at the measure level (home).	humber of line items (rows) that are entered into th "Program Activity Information" tab is the LDC Report Template.	
15	Finit Nations Conservation Program		Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (grow) taking into account net-b-grows factors such as free-ridenthip and spillover (net) at the measure level.	-	

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Program Participation & Cost Report Glossary

#	Term	Definition
1	2011-2014+2015 Extension Legacy Framework Programs	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
2	2015-2020 Conservation First Framework Programs	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
3	Allocated Target	Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
4	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
5	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
6	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
7	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
8	Pilot Program	A program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget.
9	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework.
11	Activity	The number of projects.

12	Unit	For a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).
13	Forecast	LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools.
14	Actual	The IESO determined final results of activity, savings, expenditures and cost effectiveness.
15	Progress	A comparison of Actuals versus Forecasts.
16	Full Cost Recovery Progress	For a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement.
17	Reported Savings	Savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
18	Verified Savings	Savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate.
19	Gross Savings	Savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams.
20	Net Savings	The peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc.
21	Realization Rate	A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.
22	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover.
23	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.



24	Spillover	Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.
25	Incremental Savings	The new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.
26	First Year Savings	The peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity).
27	Annual Savings	The peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
28	Demand Savings	Demand savings attributable to conservation and demand management activities.
29	Energy Savings	Energy savings attributable to conservation and demand management activities.
30	Administrative Expenses	Costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services.
31	Participant Incentives	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
32	Total Expenditure	The sum of Administrative Expenses and Participant Incentives
33	Total Resource Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs.
34	Program Administrator Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant.
35	Levelized Unit Energy Cost Cost Effectiveness Test	A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced.

