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EB-2016-0059

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

AND IN THE MATTER OF an Application by Burlington Hydro Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other charges for the distribution of electricity as of May 1, 2017.

APPLICATION

1. Burlington Hydro Inc. ("Burlington Hydro") is a corporation incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Burlington, Ontario.

2. Burlington Hydro carries on the business of distributing electricity to approximately 67,000 customers within the City of Burlington pursuant to electricity distribution license ED-2003-0004.

3. Burlington Hydro hereby applies to the Ontario Energy Board (the "Board") pursuant to Section 78 of the *Ontario Energy Board Act, 1998* for authorization to charge changed rates and rate riders effective May 1, 201~~6~~7.

4. The table below summarizes the proposed rates and rate riders.

Proposed 2017 Rates, Rate Riders, RTSRs and Associated Estimated Bill Amount												
	Distribution Rates			Rate Riders				Retail Transmission Service Rates			Estimated Bill Impact	
Customer Class	Fixed Monthly Charge ($)	Variable Charge		Rate Rider - Group 1		Rate Rider - Global Adjustment		Network		Connection	$	%
Residential	19.01	0.0084	$/kWh	-0.0037	$/kWh	0.0030	$/kWh	0.0071	$/kWh	0.0059 $/kWh	-2.45	-1.69%
General Service<50	26.00	0.0139	$/kWh	-0.0037	$/kWh	0.0030	$/kWh	0.0068	$/kWh	0.0053 $/kWh	-6.43	-2.18%
General Service>50	60.94	3.0000	$/kW	-1.4782	$/kW	0.0030	$/kW	2.8043	$/kW	2.3118 $/kW	-128.63	-1.98%
USL	9.34	0.0162	$/kWh	-0.0037	$/kWh	0.0000	$/kWh	0.0068	$/kWh	0.0053 $/kWh	-8.62	-2.34%
Street Lighting	0.62	4.5184	$/kW	-1.4185	$/kW	0.0030	$/kW	2.0494	$/kW	1.6452 $/kW	0.17	0.60%

Proposed 2017 Rates, Rate Riders, RTSRs and Associated Estimated Bill Impact																			
	Distribution Rates			Rate Riders									Retail Transmission Service Rates				Estimated Bill Impact	
Customer Class	Fixed Monthly Charge ($)	Variable Charge		Rate Rider - Group 1		Rate Rider - Global Adjustment		Rate Rider - LRAM-VA		Network		Connection		$	%
Residential	19.01	0.0084	$/kWh	-0.0037	$/kWh	0.0030	$/kWh	0.0004	$/kWh	0.0071	$/kWh	0.0059	$/kWh	-2.54	-1.75%
General Service<50	26.00	0.0139	$/kWh	-0.0037	$/kWh	0.0030	$/kWh	0.0013	$/kWh	0.0068	$/kWh	0.0053	$/kWh	-5.07	-1.72%
General Service>50	60.94	3.0000	$/kW	-1.4782	$/kW	0.0030	$/kW	0.0001	$/kW	2.8043	$/kW	2.3118	$/kW	-157.45	-2.42%
USL	9.34	0.0162	$/kWh	-0.0037	$/kWh	0.0000	$/kWh	-0.0002	$/kWh	0.0068	$/kWh	0.0053	$/kWh	-10.20	-2.77%
Street Lighting	0.62	4.5184	$/kW	-1.4185	$/kW	0.0030	$/kW	-0.0002	$/kW	2.0494	$/kW	1.6452	$/kW	0.14	0.49%

5. This Application is supported by pre-filed written evidence.

6. Burlington Hydro is filing in confidence it's completed 2017 Rate Generator model that supports the proposed Distribution Rates, Retail Transmission Service Rates and Rate Riders to be approved by the Board. Burlington Hydro is publicly filing the appropriately redacted version of the 2017 Rate Generator and a companion version of the 2017 Rate Generator model that supports the proposed Distribution Rates and Retail Transmission Service Rates and computes Representative rate riders.

7. Burlington Hydro requests that, pursuant to Section 34.01 of the Board's *Rules of Practice and Procedure*, this proceeding be conducted by way of written hearing.

8. Burlington Hydro requests that a copy of all documents filed with the Board in this proceeding be served on the Applicant, as follows:

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Burlington Hydro Inc.
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DATED at the City of Burlington on ~~September 26~~October 12, 2016.

Introduction

Burlington Hydro Inc. ("Burlington Hydro") is a licensed electricity distributor (ED-2003-0004) that owns and operates the electricity distribution system that provides electricity distribution service to the inhabitants of the City of Burlington. Burlington Hydro charges its customers distribution rates and other charges authorized by the Ontario Energy Board (the "OEB" or the "Board"). Through this Application, Burlington Hydro seeks authorization for rates and other charges to take effect May 1, 2017 that could potentially affect all of Burlington Hydro's rate payers. Burlington Hydro estimates that the bill impacts that its customers could experience resulting from the authorization to charge the proposed distribution rates will not be material.

Burlington Hydro is filing 2 versions of the Board's 2017 Rate Generator model; the version that is being filed in confidence provides detailed data pertaining to the customer(s) participating in the Independent Electricity System Operator's ("IESO") Industrial Conservation Initiative ("ICI") in 2015 while the version that is being filed publicly relies on a simplifying assumption that none of Burlington Hydro customers participated in the ICI in 2015. Both versions of the 2017 IRM Rate Generator model yield identical proposed Distribution Rates, proposed Retail Transmission Service Rates ("RTSR~~")~~"), proposed rate riders that dispose of the balance recorded in Account 1589 and proposed rate riders that dispose of the ~~balance recorded in~~Lost Revenue Adjustment Mechanism – Variance Account ~~1589.~~("LRAM-VA"). The models differ in the computed rate riders that dispose of the balances recorded in the "Group 1" accounts. Burlington Hydro is also publicly filing the draft Tariff Sheet and computed bill impacts yielded by the confidentially filed 2017 Rate Generator model. These filings are being made to appropriately protect confidential information.

Except where noted, all tables provided in this exhibit present data consistent with the proposed Tariff Sheet; where this exhibit provides data from the publicly filed Rate Generator model it is captioned 'Representative'.

Burlington Hydro's rates were rebased for the 2014 Rate Year and took effect May 1, 2014 (EB-2013-0115). This is Burlington Hydro's third Electricity Distribution Rates application under the Board's 4th Generation Incentive Rate-making Mechanism ("4G IRM"). Burlington Hydro has adhered to the Board's directions as set out in the Board's Filing Requirements Chapter 3, issued July 14, 2016, and the relevant

policy instruments (e.g., Electricity Distributors Deferral and Variance Account Review Report ("EDDVAR"), Retail Transmission Service Rate Guidelines).

Burlington Hydro's evidence addresses the following proposed changes to currently authorized rates and rate riders:

- Price Cap Adjustment;
- Rate riders;
- Retail Transmission Service Rates.

Burlington Hydro submits the following Appendices in support of this Application:

- Certification
- Currently Authorized Tariff of Rates and Other Charges;
- Completed Board authorized rate making models;
- Proposed Tariff of Rates and Other Charges;
- Estimated Bill Impacts;
- Supporting Documents;
- Burlington Hydro's Revenue Requirement Work Form (EB-2013-0115).

Proposed Distribution Rates

Burlington Hydro seeks Board authorization to charge the rates set out in Table 1 below.

Table 1	Proposed Rates	
Customer Class	Fixed Monthly Charge ($)	Variable Charge
Residential	19.01	0.0084 $/kWh
General Service<50	26.00	0.0139 $/kWh
General Service>50	60.94	3.0000 $/kW
USL	9.34	0.0162 $/kWh
Street Lighting	0.62	4.5184 $/kW

These rates were determined by applying the Board's 4G IRM rate adjustment to Burlington Hydro's currently authorized rates. The Board's 4G IRM adjusts electricity distribution rates by the annual

percentage change in the Price Escalator (using Statistics Canada's GDP-IPI-FDD and the Average Weekly Earnings, weighted 70% and 30% respectively) less the sum of:

- The Productivity Factor;
- The Stretch Factor.

Burlington Hydro relied on the OEB's final 2016 Price Escalator of 2.1% when populating the rate making model and understands that this value will be updated by the Board staff. The Board previously set the Productivity Factor at 0.0%. Because the Board's consultant, Pacific Economics Group, assigned Burlington Hydro to Cohort III, Burlington Hydro has relied on the associated Stretch Factor of 0.3% (please see Tab F.1). The proposed Residential distribution rates effect the second of 4 adjustments that will ultimately result in the transition to 100% Fixed Monthly Charge in the 2019 rate year. The derivation of Burlington Hydro's proposed 2017 Electricity Distribution Rates is provided at Tab C and is summarized in Table 2 below.

Table 2	Currently Authorized Rates		IRM Adjustment	Proposed Rates	
Customer Class	Fixed Monthly Charge ($)	Variable Charge		Fixed Monthly Charge ($)	Variable Charge
Residential	15.46	0.0125 $/kWh	1.80%	19.01	0.0084 $/kWh
General Service<50	25.54	0.0137 $/kWh	1.80%	26.00	0.0139 $/kWh
General Service>50	59.86	2.9470 $/kW	1.80%	60.94	3.0000 $/kW
USL	9.17	0.0159 $/kWh	1.80%	9.34	0.0162 $/kWh
Street Lighting	0.61	4.4385 $/kW	1.80%	0.62	4.5184 $/kW

Proposed Rate Riders

Burlington Hydro seeks authorization to charge rate riders that will dispose of the balances recorded in:

- Group 1 Deferral/Variance Accounts;
- Global Adjustment Variance Account;
- Lost Revenue Adjustment Mechanism – Variance Account.

Each is discussed further below.

Proposed Rate Riders to Dispose of Group 1 Deferral/Variance Account Balances

Burlington Hydro seeks Board authorization to charge rate riders that will dispose of the balances recorded in the Group 1 Deferral/Variance Accounts ("D/VA") and in account 1595, as well as associated carrying charges, over a 12 month period. Burlington Hydro does not seek Board authorization of a rate rider that will dispose of the 1580 – CBR Class A balance through this Application. Burlington Hydro followed the Board's EDDVAR policies in computing the principal balance recorded in each account, the applicable Carrying Charges, the allocation of the recorded balances to customer classes and in computing the proposed rate riders.

The consolidated Representative balance of the Group 1 D/VAs, being $3,222,182 credit to the customer, satisfies the Board's threshold test. The proposed 1589 Rate Rider for the GS>50 kW customer class has been appropriately computed for Class B customers only. Per the Board's direction, Burlington Hydro has contacted the Class A customer(s) for direction on the disposition of the allocated account 1589 balance. Burlington Hydro seeks to dispose the Principal balances and Carrying Charges recorded in account 1595 through the proposed Group 1 D/VA rate riders. Principal balances reflect the residual amounts not disposed of through rate riders previously authorized by the Board. The Carrying Charge balances arise because during the disposition period the undisposed portion of the Principal balances attracted Carrying Charges.

The currently authorized and proposed rate riders are summarized in Table 3 below.

Table 3	Currently Authorized Rate Riders		Proposed Rate Riders		
Customer Class	Group 1 DVA	Global Adjustment	Group 1 DVA	Global Adjustment	LRAM-VA
Residential	0.0010 $/kWh	0.0017 $/kWh	-0.0037 $/kWh	0.0030 $/kWh	0.0004 $/kWh
General Service<50	0.0010 $/kWh	0.0017 $/kWh	-0.0037 $/kWh	0.0030 $/kWh	0.0013 $/kWh
General Service>50	0.4072 $/kW	0.6422 $/kW	-1.4782 $/kW	0.0030 $/kWh	0.0001 $/kWh
USL	0.0009 $/kWh	0.0000 $/kWh	-0.0037 $/kWh	0.0000 $/kWh	-0.0002 $/kWh
Street Lighting	0.3862 $/kW	0.6048 $/kW	-1.4185 $/kW	0.0030 $/kWh	-0.0002 $/kWh

The Group 1 D/VA balances and the amounts to be disposed of through proposed rate riders are provided in Table 4 below; for clarity, Burlington Hydro notes that the balances displayed for accounts 1580 - CBR and 1589 are provided as Representative values.

Table 4		Representative Group 1 D/VA Account Balances		
Account		Principal	Carrying Charges	Total
1551		$ 1,363	$ 1,259	$ 2,622
1580		$ (3,495,540)	$ (59,330)	$ (3,554,870)
1580 - CBR (Representative)		$ 457,292	$ -	$ 457,292
1584		$ (486,052)	$ (10,131)	$ (496,183)
1586		$ (242,607)	$ (6,238)	$ (248,846)
1588		$ (1,348,459)	$ (30,816)	$ (1,379,275)
1595		$ (636,806)	$ 139,869	$ (496,937)
Sub-Total		$ (5,750,810)	$ 34,613	$ (5,716,196)
1589 (Representative)		$ 2,448,630	$ 45,384	$ 2,494,014
Representative Amount to be Disposed of Through Rate Riders		$ (3,302,180)	$ 79,997	$ (3,222,182)

Table 5 below summarizes the proposed allocation of Representative account balances to each customer class.

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Table 5			Allocation of Representative Group 1 D/VA Balances and Representative Global Adjustment				
Account		Total balance	Residential	General Service<50	General Service>50	USL	Street Lighting
Smart Metering Entity Charge Variance	1551	$ 2,622	$ 2,412	$ 210			
RSVA - Wholesale Market Service Charge	1580	$ (3,097,579)	$ (1,017,016)	$ (323,458)	$ (1,732,113)	$ (5,938)	$(19,054)
RSVA - Retail Transmission Network Charge	1584	$ (496,183)	$ (162,910)	$ (51,813)	$ (277,457)	$ (951)	$ (3,052)
RSVA - Retail Transmission Connection Charge	1586	$ (248,846)	$ (81,703)	$ (25,985)	$ (139,150)	$ (477)	$ (1,531)
RSVA - Power (excluding Global Adjustment)	1588	$ (1,379,275)	$ (452,852)	$ (144,028)	$ (771,267)	$ (2,644)	$ (8,484)
Disposition and Recovery/Refund of Regulatory Balances	1595	$ (496,937)	$ (97,364)	$ (36,988)	$ (357,764)	$ (508)	$ (4,313)
Sub-total		$ (5,716,196)	$ (1,809,433)	$ (582,062)	$ (3,277,751)	$ (10,518)	$(36,434)
RSVA - Global Adjustment	1589	$ 2,494,014	$ 49,967	$ 79,122	$ 2,335,504		$ 29,421
Grand Total		$ (3,222,182)	$ (1,759,466)	$ (502,940)	$ (942,247)	$ (10,518)	$ (7,013)

Table 6 below provides the derivation of representative Group 1 D/VA rate riders.

Table 6 - Derivation of Representative Rate Riders									
		Representative Group 1 D/VA Rate Riders				Proposed Global Adjustment Rate Riders			
Customer Class		Allocated Group 1 Balance	Billed kWh or kW	Representative Rate Rider		Allocated Global Adjustment	Non-RPP kWh	Representative Global Adjustment Rate Rider	
Residential		$ (1,809,433)	529,430,951	-0.0034	$/kWh	$ 49,967	16,766,066	0.0030	$/kWh
General Service<50		$ (582,062)	168,383,559	-0.0035	$/kWh	$ 79,122	26,549,019	0.0030	$/kWh
General Service>50		$ (3,277,751)	2,390,334	-1.3713	$/kW	$ 2,335,504	783,667,372	0.0030	$/kWh
USL		$ (10,518)	3,091,043	-0.0034	$/kWh	$ -	-	-	$/kWh
Street Lighting		$ (36,434)	27,667	-1.3169	$/kW	$ 29,421	9,872,218	0.0030	$/kWh

The detailed derivation of these Representative rate riders is provided in the Rate Generator model filed at Tab C.1.

Burlington Hydro's proposal to dispose of the Group 1 D/VA balances through rates in the 2017 rate year is expected to return the appropriate balances to the customers who originally gave rise to them and to do so in a timely manner.

Proposed Rate Riders to Dispose of the Lost Revenue Adjustment Mechanism – Variance Account

Burlington Hydro seeks Board authorization to charge rate riders that will dispose of its computed Lost Revenue Adjustment Mechanism – Variance Account ("LRAM-VA") balance as at December 31, 2015 of $515,010. The proposed rate riders and their derivation are summarized in Table 7 below.

Table 7 - Derivation of LRAM-VA Rate Riders					
Customer Class	Allocated LRAM-VA	Charge Parameter		Proposed Rate Rider	
Residential	$ 190,074	529,430,951	kWh	0.0004	$/kWh
General Service<50	$ 219,172	168,383,559	kWh	0.0013	$/kWh
General Service>50	$ 107,954	901,690,816	kW	0.0001	$/kWh
USL	$ (627)	3,091,043	kWh	-0.0002	$/kWh
Street Lighting	$ (1,564)	9,918,768	kW	-0.0002	$/kWh

Burlington Hydro most recently applied for Lost Revenue Adjustment Mechanism ("LRAM") rate riders in its 2014 rate rebasing application (EB-0213-0115). The Board authorized rate riders disposed of the LRAM associated with CDM achievements in 2011 and 2012; these rate riders expired on April 30, 2016.

The proposed LRAM-VA balance to be disposed of through rate riders is material; it consists of $496,901 of principal as at December 31, 2015 and $18,109 of associated Carrying Charges up to and including April 30, 2017. These amounts were computed by appropriately populating the OEB's LRAM-VA workbook with the following data:

- CDM achievements for 2013, 2014 and 2015, and the associated persistence through December 31, 2015 as quantified by the IESO;
- CDM offsets to Burlington Hydro's 2014 load forecast by customer class;
- variable distribution rates that were previously authorized by the Board for the years up to and including 2015;
- kWh and kW share data based on BHI's records of CDM achievements by customer class; and
- Board prescribed interest rates to compute Carrying Charges.

Burlington Hydro confirms that it has not included CDM achievements realized through Demand Response initiatives.

Burlington Hydro's populated LRAM-VA workbook is provided at Tab C.2. Burlington Hydro retained IndEco Strategic Consulting Inc. ("IndEco") to quantify the LRAM-VA balance. IndEco's report supporting the proposed amount for disposition is provided at Tab F.5.

In the event that the IESO subsequently adjusts 2015 or prior period results, Burlington Hydro reserves the right to incorporate these adjustments in a future LRAM-VA claim.

Proposed Rate Riders to Recover Shared Tax Savings

Burlington Hydro's Shared Tax Savings ("STS") Adjustment is computed to be $29,784. Burlington Hydro has populated worksheet 8 of the Board's 2017 Rate Generator model using the Board approved PILs model data filed in Burlington Hydro's most recent rate rebasing application (EB-2013-0115). In that proceeding, Burlington Hydro claimed the Ontario small business deduction which yielded an average tax rate of 22.34%. Effective May 1, 2014, only companies with less than $15 million of assets are eligible to claim the small business deduction; as Burlington Hydro's assets exceed $100 million it is not

eligible for this deduction. As a result, Burlington Hydro's combined Corporate Income Tax rate increases to 26.50% and its PILs expense is expected to increase by $59,569. This results in a $29,784 STS charge to customers. The STS is allocated to each customer class based on the percentage of Base Revenue Requirement recovered through their respective rates.

Burlington Hydro observes that the Board's Rate Generator Model computes a rate rider of $0.0000/kWh for the General Service <50kW, Street Lighting and Unmetered Scattered Load customer classes that are responsible for $3,914 (or 13.1%), $243 (or 0.8%) and $115 (or 0.4%) of the computed STS respectively. Since Burlington Hydro has customer classes that attract a STS rate rider of 0 it is to record the allocated amounts in account 1595, which will be disposed of in a future application. Burlington Hydro notes that the allocation of the balance recorded in 1595 varies year over year. Burlington Hydro also notes that the disposition of the balance recorded in account 1595 is achieved on a volumetric basis and that this treatment conflicts with the Board's expectation that the STS Adjustment allocated to the Residential class be recovered through a Fixed Monthly rate rider. Burlington Hydro seeks guidance from the Board on the appropriate level of record keeping that will preserve each customer class' responsibility of the computed STS Adjustment.

Proposed Retail Transmission Service Rates

Burlington Hydro seeks Board authorization to charge changed Retail Transmission Service Rates ("RTSR"). Table ~~7~~8 below summarizes Burlington Hydro's currently authorized and proposed RTSRs.

Table ~~7~~8		Currently Authorized RTSRs				Proposed RTSRs			
Customer Class		Network		Connection		Network		Connection	
Residential		0.0070	$/kWh	0.0061	$/kWh	0.0071	$/kWh	0.0059	$/kWh
General Service<50		0.0067	$/kWh	0.0054	$/kWh	0.0068	$/kWh	0.0053	$/kWh
General Service>50		2.7578	$/kW	2.3742	$/kW	2.8043	$/kW	2.3118	$/kW
USL		0.0067	$/kWh	0.0054	$/kWh	0.0068	$/kWh	0.0053	$/kWh
Street Lighting		2.0154	$/kW	1.6896	$/kW	2.0494	$/kW	1.6452	$/kW

The proposed RTSRs were computed using the Board approved methodology and currently authorized Uniform Transmission Rates ("UTR"). The Board authorized UTRs effective January 1, 2016 are summarized in Table ~~8~~9 below.

Table ~~8~~9	Uniform Transmission Rate ($/kW)
Network Service Rate	3.66
Line Connection Service Rate	0.87
Transformation Connection Service Rate	2.02

Other Rates and Charges

Burlington Hydro does not seek Board authorization to change any of the rates or charges set out in the list below and proposes that the currently authorized values apply throughout the 2017 rate year.

- Loss Factor;
- Transformer Ownership Allowance;
- Primary Metering Allowance;
- Retail Service Charges;
- Specific Service Charges;
- Late Payment Penalty;
- Rate Rider for Smart Meter Entity Charge;
- Wholesale Market Service Charge;
- Rural and Remote Rate Protection;
- Standard Supply Service Administrative charge;
- microFIT service charge.

Burlington Hydro anticipates that the Board's Final Rate Order will continue the currently authorized Capacity Based Response rate of $0.0004/kWh.

In Burlington Hydro's last rate rebasing application (EB-2013-0115) the computed Revenue:Cost ratios for all customer classes were within the Board's target ranges and, accordingly, Burlington Hydro is not seeking Board authorization to further adjust rates.

There are no outstanding Board directives applicable to Burlington Hydro.

Estimated Bill Impacts

Table ~~9~~10 below summarizes the expected bill impacts of the proposed changes to distribution rates, rate riders and RTSRs by customer class; the detailed derivation of these amounts is being filed in confidence to appropriately protect confidential information. Please note that the computed bill impact to the General Service >50kW and Street Lighting customer classes reflects that the LRAM-VA rate rider is computed in $/kWh.

Table ~~9~~10		Bill Impacts		
Customer Class		Scenario	Total Change ($)	Percent Change
Residential		320 kWh	1.~~24~~20	1.~~71~~66%
Residential		750 kWh	-2.~~45~~54	-1.~~69~~75%
General Service<50		1,500 kWh	-~~6.43~~5.07	-~~2.18~~1.72%
General Service>50		100 kW, 36,700 kWh	-~~128.63~~157.45	-~~1.98~~2.42%
USL		2,000 kWh	-~~8.62~~10.20	-2.~~34~~77%
Street Lighting		0.22 kW, 175 kWh	0.~~19~~14	0.~~67~~49%

Table ~~10~~11 below displays the Representative estimated bill impacts of the representative rate riders.

Table ~~10~~11		Representative Bill Impacts		
Customer Class		Scenario	Total Change ($)	Percent Change
Residential		320 kWh	1.~~24~~31	1.~~71~~81%
Residential		750 kWh	-2.~~45~~28	-1.~~69~~58%
General Service<50		1,500 kWh	-~~6.43~~4.73	-~~2.18~~1.61%
General Service>50		100 kW, 36,700 kWh	-~~132.78~~145.37	-2.~~04~~23%
USL		2,000 kWh	-~~8.62~~9.53	-2.~~34~~59%
Street Lighting		0.22 kW, 175 kWh	0.~~17~~16	0.~~60~~56%

As required by the Board, Burlington Hydro estimates that its 10th decile residential customers consume an average of 320 kWh/month and will experience a bill impact of $1.24 or approximately 1.71%. Burlington Hydro's proposed changes to distribution rates explain $2.44 of that change. Burlington Hydro reviewed its 2015 Billing data and identified those residential customers who were served continuously from January 1 to December 31, 2015. The annual consumption of these 53,939 customers was rank ordered and the annual consumption of the 5,394th customer was identified as 3,829 kWh, which is an average 320 kWh/month. Burlington Hydro estimates that a Residential customer consuming 85 kWh/month or less will experience a bill increase of greater than 10%. In 2015 fewer than 200 (<0.5%) of Residential customers consumed less than 85 kWh/month on average.

Data Used to Derive Proposed Distribution Rates

Burlington Hydro confirms the accuracy of the data pre-populated into the Board's Rate Generator Model.

Burlington Hydro has selected the rate classes currently authorized by the Board's Order EB-2013-0115. Table ~~11~~12 below provides Burlington Hydro's actual 2015 load data, in kWh and kW, by customer class; this data is not loss adjusted.

Table ~~11~~12	Non-Uplifted kWh	kW
Residential	529,430,951	-
GS<50	168,383,559	-
GS>50	901,690,816	2,390,334
USL	3,091,043	-
Street Lighting	9,918,768	27,667
Total	1,612,515,137	2,418,001

Data Used to Derive Proposed RTSRs

Burlington Hydro confirms that worksheets 2, 4 and 10 of the 2017 Rate Generator model have been correctly populated with its RRR Filed data.

To populate worksheet 12 of the Board's Rate Generator model Burlington Hydro reviewed its IESO invoices and reports from UtiliSmart to obtain the monthly billed amounts for each wholesale transmission charge. These values appear on worksheet 12 of the Board's 2017 Rate Generator in the column headed "Amount". The associated kW values were computed by dividing the amount billed by the applicable Board authorized UTR.

Settlements

Like many distributors in Ontario, Burlington Hydro bills its customers for commodity depending on their supply arrangements:

- Spot
- Retailer supply
- RPP – ToU
- RPP- Tiered.

As of July 2015, Burlington Hydro had customer(s) participating in the Industrial Conservation Initiative and billed as Class A customers for the purposes of computing the Global Adjustment ("GA").

The following discussion of Burlington Hydro's billing, Form 1598, IESO Settlement and Variance accounting is presented in chronological order. For the purposes of this discussion the following conventions are used:

- Month 1 refers to the month in which Burlington Hydro delivered energy to the customer for the customer to consume;
- Month 2 refers to the month in which Burlington Hydro:
    - bills the customer for the energy consumed in Month 1 (this is a simplifying assumption; Burlington Hydro bills its Residential customers bi-monthly);
    - submits Form 1598 to the IESO for Month 1;
    - receives the IESO's Power Bill for Month 1;
    - prepares the Account 1588 and Account 1589 Journal Entries.

The data used to complete these tasks is summarized below.

- Burlington Hydro is directly connected to the IESO controlled grid at 5 HONI owned TS's and to over 100 embedded generators. Burlington Hydro relies on its own wholesale metering at these TS's and its metering of the embedded generators to record the delivery of power and energy into its distribution system. The wholesale meters and the meters installed at the embedded generators wirelessly communicate with UtiliSmart, Burlington Hydro's metering service provider, and provide real time data. UtiliSmart provides the energy delivery data reported to the IESO by the 4th business day after the end of the month.
- The UtiliSmart system also interfaces with nearly all of Burlington Hydro's interval meters.
- The small number of customers whose meters are not connected to Burlington Hydro's cellular network are interrogated using hard wired 'land lines'.
- Smart Metered consumption data is stored in Burlington Hydro's Operational Data Store ("ODS").

- Burlington Hydro has 2 unmetered customer classes: Unmetered Scattered Load ("USL") and Street Lights ("SL").

Burlington Hydro bills its Spot and Retailer supplied customers for Class B Global Adjustment ("GA") using the IESO's 1st estimate. The 1st Estimate consists of:

- an estimate of the GA costs based on the previous month;
- an estimate of Ontario demand for the given month; and
- a true up accounting for the difference between the previous month's 1st Estimate and the actual rate.

Burlington Hydro bills its Class A customer(s) for GA based on Peak Demand Data.

Chronology of Activities

In Month 1 Burlington Hydro takes receipt of power and energy from the IESO controlled grid and from embedded generators. It delivers power and energy to its customers on a real time basis. Burlington Hydro's meters record energy, and for some customers power, deliveries.

By Day 4 of Month 2 Burlington Hydro submits its Form 1598 to the IESO. Burlington Hydro has established reporting processes that provide the following data for Month 1:

- energy deliveries to:
  - RPP-ToU customers;
  - RPP-Tiered customers;
  - Retailer supplied customers;
  - Spot priced customers.
- Energy receipts from:
  - The IESO controlled grid
  - Embedded generators
- The IESO's Class B GA – 2nd Estimate (Month 1)
- UtiliSmart's average Cost of Power.

Burlington Hydro also reports actual data for the prior month.

Burlington Hydro reconciles energy deliveries from supply sources with energy deliveries to customers as follows:

- Remove Spot priced energy deliveries;
- Remove Retailer supplied energy deliveries;
- Remove quantified RPP energy deliveries;
- Any remaining amounts are assumed to relate to unbilled energy deliveries to RPP customers (note: this simplifying assumption is considered reasonable as most Residential customers are RPP).

Burlington Hydro's ODS records energy deliveries to RPP-ToU customers by RPP-ToU price period, specifically OnPeak, MidPeak and OffPeak periods. It uses the RPP-Tiered data recorded in its CIS to quantify the energy deliveries by Tier (using the appropriate threshold for Month 1 of either 600 kWh or 1,000 kWh). The unbilled energy deliveries to RPP customers are then allocated to each RPP price period in direct proportion to the quantified consumption data. Having computed the energy deliveries by RPP price period Burlington Hydro can then apply the OEB authorized RPP rate to compute the Billed amounts.

On the 10th business day of Month 2 Burlington Hydro receives the IESO's Power Bill for Month 1. Prior to receipt of the invoice, Burlington Hydro updates all metered energy delivery data. Burlington Hydro computes energy deliveries from the IESO controlled grid by dividing the Remote and Rural Rate Protection ("RRRP") charge by the OEB authorized RRRP rate ("Energy Deliveries"). Energy Deliveries are compared to the deliveries recorded at the 5 HONI TSs using Burlington Hydro's wholesale meters. The next step is to compute metered demand by dividing the TX-Network charges by the OEB authorized rate ("Power Deliveries"). Power Deliveries are compared to the sum of the metered demand at the 5 HONI TS's at the co-incident distribution system peak for Month 1; these values align well, and are often within 1%. Burlington Hydro uses Energy Deliveries and Power Deliveries to verify other line items on the IESO Power Bill.

Burlington Hydro computes the average Cost of Power, in $/kWh, for Month 1 by dividing "IESO Charge 101" by Energy Deliveries ("Average Cost of Power"). Burlington Hydro computes the average Global Adjustment Class B, in $/kWh, for Month 1 by dividing the sum of "IESO Charge 148" and energy deliveries from embedded generators by Energy Deliveries ("Average GA – Class B").

Preparing Journal Entries for Cost of Power Variances, 1588, and Global Adjustment Variances, 1589

Each month Burlington Hydro:

- computes the Cost of Power and Class B GA revenues billed to customers according to their commodity supply arrangement;
- apportions the IESO billed Cost of Power to customers according to their commodity supply arrangement;
- apportions GA to Class A customer(s) using Peak Demand Factor data;
- apportions GA to Class B customers using kWh data and according to their commodity supply arrangement;
- records any differences in the appropriate OEB authorized deferral account (note: Class A GA differences are 0).

Spot priced commodity supply arrangements

Burlington Hydro delivers energy to its Spot priced customers in Month 1 and bills them in Month 2. Burlington Hydro bills each customer for Cost of Power by multiplying the HOEP - Month 1 by the customer's metered energy deliveries Month 1 (appropriately uplifted for losses). Burlington Hydro bills each Class B customer for GA by multiplying the IESO's GA - 1st Estimate – Month 1 by the customer's metered energy deliveries Month 1 (appropriately uplifted for losses). Burlington Hydro estimates the Spot priced customers' share of the Cost of Power Month 1, as invoiced by the IESO, by multiplying their metered energy deliveries by the computed Average Cost of Power Month 1. Burlington Hydro estimates the Spot priced customers' share of the Class B GA Month 1, as invoiced by the IESO, by multiplying their metered energy deliveries by the computed Average Class B GA Month 1. The difference between the Cost of Power billed to Spot priced customers and their portion of Burlington Hydro's Cost of Power, billed by the IESO, is ultimately recorded in USoA Account 1588. The difference between the Class B GA billed to Spot priced customers and their portion of Burlington Hydro's Class B GA, as billed by the IESO, is ultimately recorded in USoA Account 1589.

Burlington Hydro confirms that in 2015 Burlington Hydro had customer(s) participating in the ICI. As a result, a portion of non-RPP customers are responsible for the disposition of the balance recorded in account 1589 and the Class A customer(s) responsibility is confined to the January 1 to June 30th period.

Retailer supplied commodity supply arrangements

Burlington Hydro delivers energy to its Retailer supplied customers in Month 1 and bills them in Month 2. In Month 2 Burlington Hydro bills its Retailer supplied customers for Cost of Power by multiplying their negotiated contract price by metered energy deliveries in Month 1 (appropriately uplifted for losses). Burlington Hydro bills each Class B customer for GA by multiplying the IESO's GA - 1st Estimate – Month 1 by the customer's metered energy deliveries Month 1 (appropriately uplifted for losses). Burlington Hydro estimates the Retailer supplied customers' share of the Cost of Power Month 1 by multiplying their metered energy deliveries by the computed Average Cost of Power - Month 1. Burlington Hydro estimates the Retailer supplied customers' share of the Class B GA Month 1 by multiplying their metered energy deliveries by the computed Class B Average GA Month 1. The difference between the Cost of Power billed to Retailer supplied customers and the portion of Burlington Hydro's Commodity cost billed by the IESO is ultimately recorded in USoA Account 1588. The difference between the GA billed to Retailer supplied customers and the portion of Burlington Hydro's GA billed by the IESO is ultimately recorded in USoA Account 1589.

RPP supplied commodity supply arrangements

Burlington Hydro updates its estimated Month 1 energy delivery data, as reported on Form 1598, with actual data. The energy deliveries recorded at each RPP price point are multiplied by the difference between:

- each RPP price point; and
- the sum of Average Cost of Power plus the Average Class B GA.

These products are summed. Because the RPP is designed to recover the Class B GA the amount is recorded in USoA Account 1588.

Administrative Matters

Contact Information

Mr. M. Kysley is the Primary Contact for this Application; his contact information is provided below.

Michael Kysley
Chief Financial Officer, Executive Vice-President
Burlington Hydro Inc.
1340 Brant St
Burlington, ON L7R 3Z7
Voice: 905.332.1851
Email: mkysley@burlingtonhydro.com

Ms. K. Farmer is the day-to-day Contact for this Application; her contact information is provided below.

Kathi Farmer
Manager, Regulatory Affairs
Burlington Hydro Inc.
1340 Brant St
Burlington, ON L7R 3Z7
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Email: kfarmer@burlingtonhydro.com

Ontario Energy Board

Incentive Regulation Model for 2017 Filers

Data on this worksheet has been populated using your most recent RRR filing.

Click on the checkbox to confirm the accuracy of the data below

If you have identified any issues, please contact the OEB.

YES

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non RPP Customers	Metered kW for Non RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1586 Recovery Proportion (2010) [1]	1586 Recovery Proportion (2012) [1]	1586 Recovery Proportion (2014) [1]	1588 LRAM Variance Account Class Allocation ($ amounts)	Number of Customers for Residential and GS<50 classes [3]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	329 430 931	0	16 766 066	0			329 430 931	0	35%	48%	20%	$190 074	60 366
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	168 383 559	1 615	26 549 019	1 072			168 383 559	1 615	12%	15%	8%	$219 172	5 259
GENERAL SERVICE 50 TO 4 999 KW SERVICE CLASSIFICATION	kW	901 690 816	2 390 334	783 667 372	2 041 068			901 690 816	2 390 334	52%	37%	71%	$107 954	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	3 091 043	0	0	0			3 091 043	0	0%	0%	0%	-$627	
STREET LIGHTING SERVICE CLASSIFICATION	kW	9 918 768	27 667	9 872 218	27 536			9 918 768	27 667	1%	0%	1%	-$1 564	
	Total	1 612 515 137	2 419 616	836 854 675	2 069 676	0	0	1 612 515 137	2 419 616	100%	100%	100%	$515 010	65 625

Threshold Test

Total Claim (Including Account 1568)	($2,707,172)
Total Claim for Threshold Test (All Group 1 Accounts)	($3,222,182)
Threshold Test (Total claim per kWh) [2]	($0.0020)

1568 Account Balance from Continuity Schedule	$515 010
otal Balance of Account 1588 in Column R DOES NO MA CH the amount entered on the Continuity Schedule	

[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.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electrical energy to residential customers where such energy is used exclusively in 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 residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	19.01
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	$	0.79
Distr bution Volumetric Rate	$/kWh	0.0084
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0059

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.
The application of these 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.
In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;
“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;
“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;
“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;
“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

(a) account-holders with a household income of $28,000 or less living in a household of one or two persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of three persons;
(c) account-holders with a household income of between $39,001 and $48,000 living in a household of five persons; and
(d) account-holders with a household income of between $48,001 and $52,000 living in a household of seven or more persons;

$ (30.00)

Class B

(a) account-holders with a household income of $28,000 or less living in a household of three persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of four persons;
(c) account-holders with a household income of between $39,001 and $48,000 living in a household of six persons;
but does not include account-holders in Class F.
OESP Credit $ (34.00)

Class C

(a) account-holders with a household income of $28,000 or less living in a household of four persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of five persons;
(c) account-holders with a household income of between $39,001 and $48,000 living in a household of seven or more persons;

$ (38.00)

Class D

(a) account-holders with a household income of $28,000 or less living in a household of five persons; and
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of six persons;
but does not include account-holders in Class H.
OESP Credit $ (42.00)

Class E

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

Class E comprises account-holders with a household income and household size descr bed under Class A who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.	$	(45.00)

Class F

(a) account-holders with a household income of $28,000 or less living in a household of six or more persons; (b) account-holders with a household income of between $28,001 and $39,000 living in a household of seven or more persons; or (c) account-holders with a household income and household size described under Class B who also meet any of the i. the dwelling to which the account relates is heated primarily by electricity; ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates		
OESP Credit	$	(50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.	$	(55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.	$	(60.00)

Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.		
OESP Credit	$	(75.00)

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by BHI to be less than, 50 kW. 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.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	26.00
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	$	0.79
Distr bution Volumetric Rate	$/kWh	0.0139
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kWh	(0.0035)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to general service customers with a monthly average peak demand during a calendar year equal to or greater than, or is forecast by Burlington Hydro Inc. to be equal to or greater than, 50 kW but less than 5,000 kW. 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.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0059

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	60.94
Distr bution Volumetric Rate	$/kW	3.0000
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kW	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kW	(1.3713)
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8043
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.3118

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by Burlington Hydro Inc. to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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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Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	9.34
Distr bution Volumetric Rate	$/kWh	0.0162
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to roadway lighting customers such as the City of Burlington, the Regional Municipality of Halton, Ministry of Transportation and private roadway lighting, controlled by photo cells. The daily consumption for these customers will be based on the calculated connected load times the required night time or lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	0.62

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

		EB-2016-0059
Distr bution Volumetric Rate	$/kW	4.5184
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kW	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kW	(1.3169)
Retail Transmission Rate - Network Service Rate	$/kW	2.0494
Retail Transmission Rate - Line Connection Service Rate	$/kW	1.6452

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.6000)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

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

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

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

Customer Administration

Arrears certificate	$	15.00
Credit reference/credit check (plus credit agency costs)	$	15.00
Statement of account	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Returned cheque (plus bank charges)	$	15.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Disconnect/reconnect at meter - during regular hours	$	65.00
Disconnect/reconnect at meter - after regular hours	$	185.00

Other

Temporary service - install & remove - overhead - no transformer	$	500.00
Specific charge for wireline access to the power poles - $/pole/year	$	22.35
(with the exception of wireless attachments)		

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly fixed charge, per retailer	$	20.00

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

		EB-2016-0059
Monthly variable charge, per customer, per retailer	$/cust.	0.50
Distr butor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

LOSS FACTORS

If the distr butor 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 - Primary Metered Customer < 5,000 kW	1.0270

Ontario Energy Board

Incentive Regulation Model for 2017 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.**

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 2016 of $0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.
3. 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).
RES DENTIAL SERVICE CLASS FICATION	1	RPP	1 0373	1.0373	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASS FICATION	1	RPP	1 0373	1.0373	1,500		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	1	Non-RPP (Other)	1 0373	1.0373	36,700	100	MAND - INTERVAL	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	1	RPP	1 0373	1.0373	2,000		N/A	1
STREET LIGHT NG SERVICE CLASSIFICATION	1	Non-RPP (Other)	1 0373	1.0373	175	0	N/A	1
RES DENTIAL SERVICE CLASS FICATION	1	RPP	1 0373	1.0373	320		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

	RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total A $	Sub-Total A %	Sub-Total B $	Sub-Total B %	Sub-Total C $	Sub-Total C %	Total A+B+C $	Total A+B+C %
1	RES DENTIAL SERVICE CLASS FICATION - RPP	1								
2	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASS FICATION - RPP	1								
3	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	1								
4	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	1								

5	STREET LIGHT NG SERVICE CLASSIFICATION - Non-RPP (Other)	1									
6	RES DENTIAL SERVICE CLASS FICATION - RPP	1									
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Customer Class	**RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**750**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 15.46	1	$ 15.46	$ 19.01	1	$ 19.01	$ 3.55	22.96%
Distribution Volumetric Rate	$ 0.0125	750	$ 9 38	$ 0.0084	750	$ 6.30	$ (3.08)	-32.80%
Fixed Rate Riders	$ 0.02	1	$ 0 02	$ -	1	$ -	$ (0.02)	-100.00%
Volumetric Rate Riders	$ -	750	$ -	$ 0.0007	750	$ 0.53	$ 0.53	
Sub-Total A (excluding pass through)			$ 24 86			$ 25.84	**$ 0.98**	**3.94%**
Line Losses on Cost of Power	$ 0.1114	28	$ 3.12	$ 0.1114	28	$ 3.12	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.0010	750	$ 0.75	-$ 0.0033	750	$ (2.48)	$ (3.23)	-430.00%
GA Rate Riders				$ -	750	$ -	$ -	
Low Voltage Service Charge	$ -	750	$ -		750	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 29.51**			**$ 27.27**	**$ (2.25)**	**-7.61%**
RTSR - Network	$ 0.0070	778	$ 5.45	$ 0.0072	778	$ 5.60	$ 0.16	2.86%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0061	778	$ 4.75	$ 0.0059	778	$ 4.59	$ (0.16)	-3.28%
Sub-Total C - Delivery (including Sub-Total B)			**$ 39.70**			**$ 37.46**	**$ (2.25)**	**-5.65%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	778	$ 2 80	$ 0.0036	778	$ 2.80	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	778	$ 1 01	$ 0.0013	778	$ 1.01	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0 25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	$ 0.0011	778	$ 0 86	$ 0.0011	778	$ 0.86	$ -	0.00%
TOU - Off Peak	$ 0.0870	488	$ 42.41	$ 0.0870	488	$ 42.41	$ -	0.00%
TOU - Mid Peak	$ 0.1320	128	$ 16.83	$ 0.1320	128	$ 16.83	$ -	0.00%
TOU - On Peak	$ 0.1800	135	$ 24 30	$ 0.1800	135	$ 24.30	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 128.16**			**$ 125.92**	**$ (2.25)**	**-1.75%**
HST	13%		$ 16 66	13%		$ 16.37	$ (0.29)	-1.75%
Total Bill on TOU			**$ 144.82**			**$ 142.29**	**$ (2.54)**	**-1.75%**

Customer Class	**GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION**
RPP / Non-RPP	**RPP**
Consumption	**1,500** kWh
Demand	**-** kW
Current Loss Factor	**1.0373**
Proposed/Approved Loss Factor	**1.0373**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 25.54	1	$ 25 54	$ 26.00	1	$ 26.00	$ 0.46	1.80%
Distribution Volumetric Rate	$ 0.0137	1500	$ 20 55	$ 0.0139	1500	$ 20.85	$ 0.30	1.46%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ -	1500	$ -	-$ 0.0001	1500	$ (0.15)	$ (0.15)	
Sub-Total A (excluding pass through)			$ 46 09			$ 46.70	**$ 0.61**	**1.32%**
Line Losses on Cost of Power	$ 0.1114	56	$ 6 23	$ 0.1114	56	$ 6.23	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.0010	1,500	$ 1 50	-$ 0.0024	1,500	$ (3.60)	$ (5.10)	-340.00%
GA Rate Riders				$ -	1,500	$ -	$ -	
Low Voltage Service Charge	$ -	1,500	$ -		1,500	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 54.61**			**$ 50.12**	**$ (4.49)**	**-8.22%**
RTSR - Network	$ 0.0067	1,556	$ 10.42	$ 0.0069	1,556	$ 10.74	$ 0.31	2.99%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0054	1,556	$ 8.40	$ 0.0052	1,556	$ 8.09	$ (0.31)	-3.70%
Sub-Total C - Delivery (including Sub-Total B)			**$ 73.44**			**$ 68.95**	**$ (4.49)**	**-6.11%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	1,556	$ 5 60	$ 0.0036	1,556	$ 5.60	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	1,556	$ 2 02	$ 0.0013	1,556	$ 2.02	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0 25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	1,500	$ 10.50	$ 0.0070	1,500	$ 10.50	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	1,556	$ 1.71	$ 0.0011	1,556	$ 1.71	$ -	0.00%
TOU - Off Peak	$ 0.0870	975	$ 84.83	$ 0.0870	975	$ 84.83	$ -	0.00%
TOU - Mid Peak	$ 0.1320	255	$ 33.66	$ 0.1320	255	$ 33.66	$ -	0.00%
TOU - On Peak	$ 0.1800	270	$ 48 60	$ 0.1800	270	$ 48.60	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 260.61**			**$ 256.12**	**$ (4.49)**	**-1.72%**
HST	13%		$ 33 88	13%		$ 33.30	$ (0.58)	-1.72%
Total Bill on TOU			**$ 294.49**			**$ 289.42**	**$ (5.07)**	**-1.72%**

Customer Class	**GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**
RPP / Non-RPP	**Non-RPP (Other)**
Consumption	**36,700** kWh
Demand	**100** kW
Current Loss Factor	**1.0373**
Proposed/Approved Loss Factor	**1.0373**

	Current OEB-Approved			Proposed			Impact	
	Rate	Volume	Charge	Rate	Volume	Charge		

	($)		($)	($)		($)	$ Change	% Change
Monthly Service Charge	$ 59.86	1	$ 59 86	$ 60.94	1	$ 60.94	$ 1.08	1.80%
Distribution Volumetric Rate	$ 2.9470	100	$ 294.70	$ 3.0000	100	$ 300.00	$ 5.30	1.80%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0033	100	$ 0 33	$ 0.0001	100	$ 0.01	$ (0.32)	-96.97%
Sub-Total A (excluding pass through)			$ 354 89			$ 360.95	**$ 6.06**	**1.71%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.0494	100	$ 104.94	-$ 1.4782	100	$ (147.82)	$ (252.76)	-240.86%
GA Rate Riders		100	$ -	$ 0.0030	36,700	$ 110.10	$ 110.10	
Low Voltage Service Charge	$ -	100	$ -		100	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 459.83**			**$ 323.23**	**$ (136.60)**	**-29.71%**
RTSR - Network	$ 2.7578	100	$ 275.78	$ 2.8276	100	$ 282.76	$ 6.98	2.53%
RTSR - Connection and/or Line and Transformation Connection	$ 2.3742	100	$ 237.42	$ 2.2770	100	$ 227.70	$ (9.72)	-4.09%
Sub-Total C - Delivery (including Sub-Total B)			**$ 973.03**			**$ 833.69**	**$ (139.34)**	**-14.32%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	38,069	$ 137.05	$ 0.0036	38,069	$ 137.05	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	38,069	$ 49.49	$ 0.0013	38,069	$ 49.49	$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	$ 0.0070	36,700	$ 256 90	$ 0.0070	36,700	$ 256.90	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	38,069	$ 41 88	$ 0.0011	38,069	$ 41.88	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.1130	38 069	$ 4 301.79	$ 0.1130	38 069	$ 4 301.79	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 5,760.13**			**$ 5,620.79**	**$ (139.34)**	**-2.42%**
HST	13%		$ 748 82	13%		$ 730.70	$ (18.11)	-2.42%
Total Bill on Average IESO Wholesale Market Price			**$ 6,508.95**			**$ 6,351.49**	**$ (157.45)**	**-2.42%**

Customer Class	**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**2,000**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 9.17	1	$ 9.17	$ 9.34	1	$ 9.34	$ 0.17	1.85%
Distribution Volumetric Rate	$ 0.0159	2000	$ 31 80	$ 0.0162	2000	$ 32.40	$ 0.60	1.89%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ -	2000	$ -	-$ 0.0001	2000	$ (0.20)	$ (0.20)	
Sub-Total A (excluding pass through)			$ 40 97			$ 41.54	**$ 0.57**	**1.39%**
Line Losses on Cost of Power	$ 0.1114	75	$ 8 31	$ 0.1114	75	$ 8.31	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.0009	2,000	$ 1 80	-$ 0.0039	2,000	$ (7.80)	$ (9.60)	-533.33%
GA Rate Riders				$ -	2,000	$ -	$ -	
Low Voltage Service Charge	$ -	2,000	$ -		2,000	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 51.08**			**$ 42.05**	**$ (9.03)**	**-17.68%**
RTSR - Network	$ 0.0067	2,075	$ 13 90	$ 0.0069	2,075	$ 14.31	$ 0.41	2.99%

RTSR - Connection and/or Line and Transformation Connection	$ 0.0054	2,075	$ 11 20	$ 0.0052	2,075	$ 10.79	$ (0.41)	-3.70%
Sub-Total C - Delivery (including Sub-Total B)			**$ 76.18**			**$ 67.15**	**$ (9.03)**	**-11.85%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	2,075	$ 7.47	$ 0.0036	2,075	$ 7.47	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	2,075	$ 2.70	$ 0.0013	2,075	$ 2.70	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0 25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	2,000	$ 14.00	$ 0.0070	2,000	$ 14.00	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	2,075	$ 2 28	$ 0.0011	2,075	$ 2.28	$ -	0.00%
TOU - Off Peak	$ 0.0870	1,300	$ 113.10	$ 0.0870	1,300	$ 113.10	$ -	0.00%
TOU - Mid Peak	$ 0.1320	340	$ 44.88	$ 0.1320	340	$ 44.88	$ -	0.00%
TOU - On Peak	$ 0.1800	360	$ 64 80	$ 0.1800	360	$ 64.80	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 325.66**			**$ 316.63**	**$ (9.03)**	**-2.77%**
HST	13%		$ 42 34	13%		$ 41.16	$ (1.17)	-2.77%
Total Bill on TOU			**$ 368.00**			**$ 357.79**	**$ (10.20)**	**-2.77%**

Customer Class	**STREET LIGHTING SERVICE CLASSIFICATION**
RPP / Non-RPP	**Non-RPP (Other)**
Consumption	**175** **kWh**
Demand	**0** **kW**
Current Loss Factor	**1.0373**
Proposed/Approved Loss Factor	**1.0373**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 0.61	1	$ 0 61	$ 0.62	1	$ 0.62	$ 0.01	1.64%
Distribution Volumetric Rate	$ 4.4385	0.175	$ 0.78	$ 4.5184	0.175	$ 0.79	$ 0.01	1.80%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0088	0.175	$ 0 00	-$ 0.0001	0.175	$ (0.00)	$ (0.00)	-101.14%
Sub-Total A (excluding pass through)			$ 1 39			$ 1.41	**$ 0.02**	**1.62%**
Line Losses on Cost of Power	$ 0.1130	7	$ 0.74	$ 0.1130	7	$ 0.74	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.9910	0	$ 0.17	-$ 1.4185	0	$ (0.25)	$ (0.42)	-243.14%
GA Rate Riders	$ -	0	$ -	$ 0.0030	175	$ 0.53	$ 0.53	
Low Voltage Service Charge	$ -	0	$ -		0	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 2.30**			**$ 2.43**	**$ 0.13**	**5.47%**
RTSR - Network	$ 2.0154	0	$ 0 35	$ 2.0664	0	$ 0.36	$ 0.01	2.53%
RTSR - Connection and/or Line and Transformation Connection	$ 1.6896	0	$ 0 30	$ 1.6204	0	$ 0.28	$ (0.01)	-4.10%
Sub-Total C - Delivery (including Sub-Total B)			**$ 2.95**			**$ 3.07**	**$ 0.12**	**4.16%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	182	$ 0 65	$ 0.0036	182	$ 0.65	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	182	$ 0 24	$ 0.0013	182	$ 0.24	$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	$ 0.0070	175	$ 1.23	$ 0.0070	175	$ 1.23	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	182	$ 0 20	$ 0.0011	182	$ 0.20	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.1130	175	$ 19.78	$ 0.1130	175	$ 19.78	$ -	0.00%

Total Bill on Average IESO Wholesale Market Price			**$ 25.04**			**$ 25.16**	**$ 0.12**	**0.49%**
HST	13%		$ 3 25	13%		$ 3.27	$ 0.02	0.49%
Total Bill on Average IESO Wholesale Market Price			**$ 28.29**			**$ 28.43**	**$ 0.14**	**0.49%**

Customer Class	**RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**320**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	**$ 15.46**	1	$ 15.46	**$ 19.01**	1	$ 19.01	$ 3.55	22.96%
Distribution Volumetric Rate	**$ 0.0125**	320	$ 4 00	**$ 0.0084**	320	$ 2.69	$ (1.31)	-32.80%
Fixed Rate Riders	**$ 0.02**	1	$ 0 02	**$ -**	1	$ -	$ (0.02)	-100.00%
Volumetric Rate Riders	**$ -**	320	$ -	**$ 0.0007**	320	$ 0.22	$ 0.22	
Sub-Total A (excluding pass through)			$ 19.48			$ 21.92	**$ 2.44**	**12.54%**
Line Losses on Cost of Power	**$ 0.1114**	12	$ 1 33	**$ 0.1114**	12	$ 1.33	$ -	0.00%
Total Deferral/Variance Account Rate Riders	**$ 0.0010**	320	$ 0 32	**-$ 0.0033**	320	$ (1.06)	$ (1.38)	-430.00%
GA Rate Riders				**$ -**	320	$ -	$ -	
Low Voltage Service Charge	**$ -**	320	$ -		320	$ -	$ -	
Smart Meter Entity Charge (if applicable)	**$ 0.7900**	1	$ 0.79	**$ 0.7900**	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 21.92**			**$ 22.99**	**$ 1.07**	**4.86%**
RTSR - Network	**$ 0.0070**	332	$ 2 32	**$ 0.0072**	332	$ 2.39	$ 0.07	2.86%
RTSR - Connection and/or Line and Transformation Connection	**$ 0.0061**	332	$ 2 02	**$ 0.0059**	332	$ 1.96	$ (0.07)	-3.28%
Sub-Total C - Delivery (including Sub-Total B)			**$ 26.27**			**$ 27.33**	**$ 1.07**	**4.06%**
Wholesale Market Service Charge (WMSC)	**$ 0.0036**	332	$ 1.19	**$ 0.0036**	332	$ 1.19	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	**$ 0.0013**	332	$ 0.43	**$ 0.0013**	332	$ 0.43	$ -	0.00%
Standard Supply Service Charge	**$ 0.2500**	1	$ 0 25	**$ 0.2500**	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	**$ 0.0011**	332	$ 0 37	**$ 0.0011**	332	$ 0.37	$ -	0.00%
TOU - Off Peak	**$ 0.0870**	208	$ 18.10	**$ 0.0870**	208	$ 18.10	$ -	0.00%
TOU - Mid Peak	**$ 0.1320**	54	$ 7.18	**$ 0.1320**	54	$ 7.18	$ -	0.00%
TOU - On Peak	**$ 0.1800**	58	$ 10 37	**$ 0.1800**	58	$ 10.37	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 64.15**			**$ 65.22**	**$ 1.07**	**1.66%**
HST	13%		$ 8 34	13%		$ 8.48	$ 0.14	1.66%
Total Bill on TOU			**$ 72.49**			**$ 73.70**	**$ 1.20**	**1.66%**

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Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

[redacted]

Generic LRAMVA Work Forms

File Name	Description
1. LRAMVA Summary	**Table 1** provides a summary of he LRAMVA balances and carrying charges associated with the LRAMVA claim. The balances are populated from entries into o her tabs throughout this work form.
2. CDM Allocation	**Tables 2, 3 and 4** include the CDM savings and allocation by rate class that were included in the load forecast.
3. Distribution Rates	**Tables 5 and 6** include a historical account of distribution rates that were used to calculate lost revenues.
4. 2011-14 LRAM	**Tables 7, 8, 9 and 10** includes 2011-2014 LRAMVA work forms. These should only be used if the LDC has not applied for approval of these amounts.
5. 2015 LRAM	**Table 11-a** includes a template workform for calculating 2015 lost revenues based on legacy and new programs.
6. Persistence Rates	**Tables 12 and 13** includes the 2011-2014 persistence factors and 2015-2020 persistance factors.
7. Carrying Charges	**Tables 19 and 20** includes the carrying charges related to the LRAMVA claim that is being made.

[redacted]

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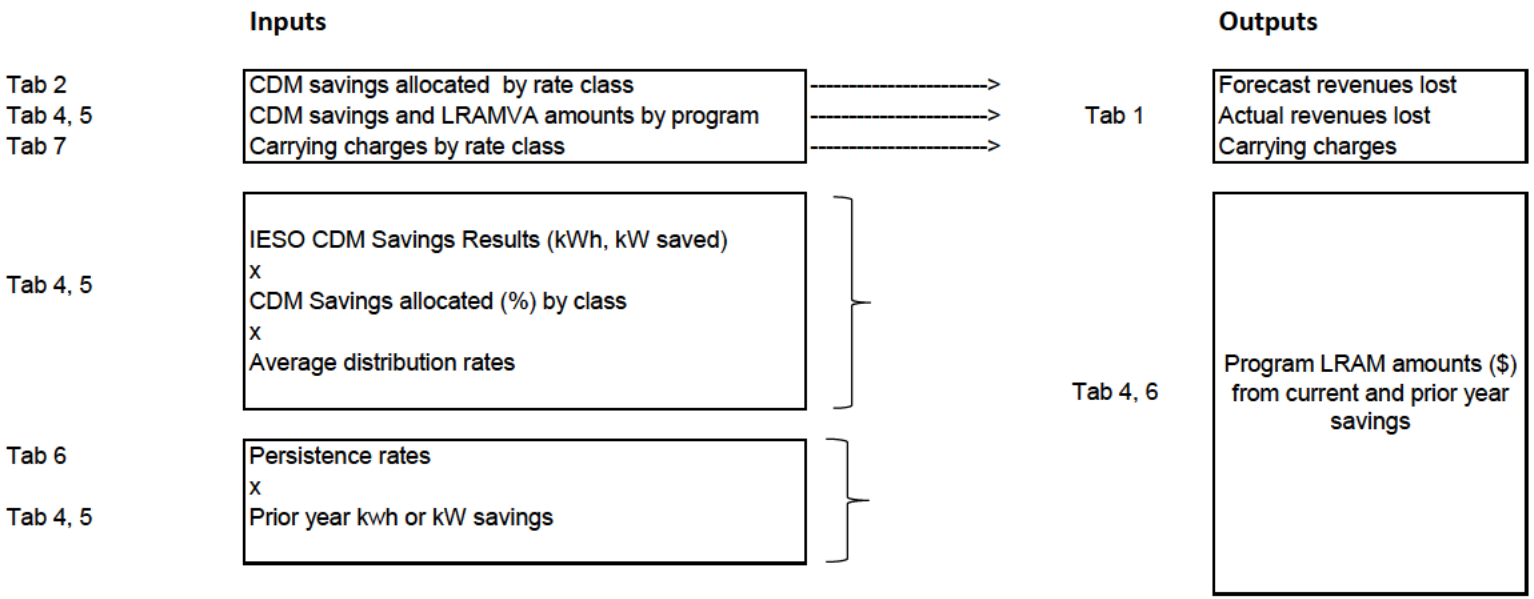
LRAMVA Work Form: Input-Output Schematic

General Note on the LRAMVA Model
The LRAMVA model 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 CDM component of the load forecast and ultimately, any variance between actual CDM savings and the CDM component of the load forecast. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year.



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LRAMVA Work Form: Summary Table

LRAMVA Summary

This is a summary sheet that contains the final LRAMVA balances with links from **Tabs 2, 4, 5 and 7.**

File Number	EB-2016-0059		
Exhibit		**Amount of LRAM claimed in the past**	$ 260,477.00
Schedule		**Years of LRAM Claimed**	2011 2012
Tab	Tab C 2	**Last Cost of Service Application (File No.)**	EB-2013-0115
Page			
Legend	User Inputs (Green)	**Amount of LRAMVA to claim**	**$515,010.16**
	Auto Populated Cells (White)	**Recovery Period of LRAMVA Claim**	1

Table 1. Annual and Total LRAMVA by Rate Class

Description	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused -- hide	"--Unused -- hide	Total
2011 Forecast								
2011 Actuals								
Amount Cleared								
2012 Forecast								
2012 Actuals								
Amount Cleared								
2013 Forecast								
2013 Actuals	$91,420 37	$91,556.70	$88,984.35					**$271,961.42**
Amount Cleared								
2014 Forecast	($66,057.66)	($49,774.77)	($48,027.34)	($318.72)	($765 37)			($164,943.86)
2014 Actuals	$84,846.42	$84,285.03	$39,848.05					**$208,979.50**
Amount Cleared								
2015 Forecast	($65,256.96)	($49,406.07)	($48,143.73)	($291.56)	($758 36)			($163,856.67)
2015 Actuals	$138,652.90	$135,265 07	$70,842.79					**$344,760.75**
Amount Cleared								
Carrying Charges	**$6,469.23**	**$7,246.35**	**$4,450.35**	**($16.39)**	**($40.51)**			**$18,109.01**
Total LRAMVA Balance	**$190,074.29**	**$219,172.31**	**$107,954.47**	**($626.67)**	**($1,564.24)**			**$515,010.16**

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LRAMVA Work Form: CDM Allocation

CDM Savings Target Allocation by Rate Class

Instruction

Please update the template as needed or replace this spreadsheet with an existing templates that estimated savings in CDM forecast.
savings by rate class for historical years based on past year's approved cost of service application, or relevant information
from **Appendix 2-I.**

Alterna ively, LDCs may want to link this spreadsheet to their CDM savings allocation (e.g. appended as another tab in this workbook) to fill in **Tables 2, 3 and 4**

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 2. Amount used for CDM Threshold for LRAMVA

Forecast Year	kWh	kW	kWh (check)
2011	-		
2012	-		
2013	-		
2014	7,708,624	17,043	7,708,624
2015	7,708,624	17,043	7,708,624
2016	7,708,624	17,043	7,708,624
2017	7,708,624	17,043	7,708,624

Table 3. Allocation of CDM Savings (Energy and Demand Billed) by Rate Class in Approved Load Forecast

Forecast Year	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting
	kWh	kWh	kW	kWh	kW
2011					
2012					
2013					
2014	4,003,495	3,687,020	16,868	18,109	175
2015	4,003,495	3,687,020	16,868	18,109	175
2016	4,003,495	3,687,020	16,868	18,109	175

Tables 3A: CDM Adjustment as Approved in Cost of Service Application

Note: Tables 3A are not used so have been hidden

Note: Actual CDM Threshold and Allocation values were used in Tables 2 and 3, so Tables 3a were not filled out.

Table 4. Forecast Lost Revenue Amounts by Rate Class

Forecast Year	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	Total
	$	$	$	$	$	$
2011						
2012						
2013						
2014	$66,058	$49,775	$48,027	$319	$765	$164,944
2015	$65,257	$49,406	$48,144	$292	$758	$163,857
2016	$54,848	$50,143	$49,206	$284	$771	$155,253

Notes: References directly the CDM amounts in the forecast. See "Forecast" tab. Tables 2 and 3a not used, as the values do not impact LRAMVA and Tables 3a assumed allocation of CDM impacts based on kWh load share by rat

Forecasted impact of CDM in the load forecast

Table 2a. LRAMVA Thresholds 2014

	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting
	kWh	kWh	kW	kWh	kW
kWh	4,003,495	3,687,020	-	18,109	-
kW	-	-	16,868	-	175

Source: See report. Based on 2013 actuals *50% (embedded in forecast) + 2 * manual adjustment for 2014

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LRAMVA Work Form: Distribution Rates

Distribution Rates

Instruction

Please update **Table 5** with the approved distribution rates for the utility's respective rate classes. The applicable rates to estimate lost revenues will autopopulate in **Table 6** and be used in the LRAM Work Sheets **(Tab 4 and Tab 5)** for the applicable year in which LRAM is claimed.

LDCs to update the rate classes as appropriate below depending on the utility's customer mix.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 5. Distribution Volumetric Rate by Billing Period

Decision & Orders for Approved Volumetric Rates:	EB-2009-0259	EB-2010-0067	EB-2011-0155	EB-2012-0110	EB-2013-0115	EB-2014-0059	EB-2015-0056	

Rate Class	Billing Unit	May 1, 2010- April 30, 2011	May 1, 2011- April 30, 2012	May 1, 2012- April 30, 2013	May 1, 2013- April 30, 2014	May 1, 2014- April 30, 2015	May 1, 2015- April 30, 2016	May 1, 2016- April 30, 2017	May 1, 2017- April 30, 2018
Rate Year		*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	*2017*
Pro-ratio of Rates (months) - Period 1		*4*	*4*	*4*	*4*	*4*	*4*	*4*	
Pro-ratio of Rates (months) - Period 2		8	8	8	8	8	8	8	
Residential	kWh	$ 0.0166	$ 0.0163	$ 0.0163	$ 0 0165	$ 0.0165	$ 0.0162	$ 0.0125	
GS < 50 kW	kWh	$ 0.0136	$ 0.0134	$ 0.0134	$ 0 0135	$ 0.0135	$ 0.0133	$ 0.0137	
GS 50 to 4999 kW	kW	$ 2.8286	$ 2.8167	$ 2.8293	$ 2 8473	$ 2.8473	$ 2.8577	$ 2.9470	
Unmetered Scattered Load	kW	$ 0.0176	$ 0.0174	$ 0.0175	$ 0 0176	$ 0.0176	$ 0.0154	$ 0.0159	
Street Lighting	kWh	$ 2.6146	$ 4.3256	$ 4.3316	$ 4 3640	$ 4.3640	$ 4.3040	$ 4.4385	

Table 6. Summary Table: Average Distribution Volumetric Rates by Year for LRAM Calculation

Rate Class	Billing Unit	2011	2012	2013	2014	2015	2016	2017
Residential	kWh			$ 0 0164	$ 0.0165	$ 0.0163	$ 0.0137	$ -
GS < 50 kW	kWh			$ 0 0135	$ 0.0135	$ 0.0134	$ 0.0136	$ -
GS 50 to 4999 kW	kW			$ 2 8413	$ 2.8473	$ 2.8542	$ 2.9172	$ -
Unmetered Scattered Load	kW			$ 0 0176	$ 0.0176	$ 0.0161	$ 0.0157	$ -
Street Lighting	kWh			$ 4 3532	$ 4.3640	$ 4.3240	$ 4.3937	$ -

Note: LRAMVA for 2011 and 2012 has already been claimed so rates are shown as zero

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LRAMVA Work Form:
2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period.
This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates).
Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence
Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).
Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 7. 2011 Lost Revenues Work Form

	#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							
					2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused -- hide	"--Unused -- hide	Total
		Consumer Program					kWh	kWh	kW	kWh	kW	NA	NA	
2011	1	Appliance Retirement	Verified	12	54	390,644	100%							100%
	2	Appliance Exchange	Verified	12	3	3,367	100%							100%
	3	HVAC Incentives	Verified	12	715	1,270,156	100%							100%
	4	Conservation Instant Coupon Booklet	Verified	12	17	269,806	100%							100%
	5	Bi-Annual Retailer Event	Verified	12	23	404,274	100%							100%
	6	Retailer Co-op	Verified	12			100%							100%
	7	Residential Demand Response	Verified		347	899	100%							100%
	8	Residential New Construction	Verified	12			100%							100%
		Adjustments to 2011 results (if any)	True-up	12	-108	-161,326	100%							100%
		Business Program												
	9	Retrofit	Verified	12	295	1,495,230		9%	93%					102%
	10	Direct Install Lighting	Verified	12	112	289,029		100%						100%
	11	Building Commissioning	Verified	3										
	12	New Construction	Verified	12										
	13	Energy Audit	Verified	12										
	14	Commercial Demand Response (part of residential program)	Verified											
	15	Demand Response 3	Verified											
		Adjustments to 2011 results (if any)	True-up	12	89	371,043		28%	44%					72%
		Industrial Program												
	16	Process & System Upgrades	Verified	12										
	17	Monitoring & Targeting	Verified	12										
	18	Energy Manager	Verified	12										
	19	Retrofit	Verified	12	76	388,884		9%	93%					102%
	20	Demand Response 3	Verified		817	47,936								
		Adjustments to 2011 results (if any)	True-up	12										
		Home Assistance Program												
	21	Home Assistance Program	Verified	12			100%							100%
		Adjustments to 2011 results (if any)	True-up	12										

	Pre-2011 Programs completed in 2011													
22	Electricity Retrofit Incentive Program	Verified	12	459	2,715,719		9%	93%						102%
23	High Performance New Construction	Verified	12	14	74,195			100%						100%
24	Toronto Comprehensive	Verified	12											
25	Multifamily Energy Efficiency Rebates	Verified	12											
	Adjustments to 2011 results (if any)	True-up	12	-1	-24,400			100%						100%
	Total kWh					**2,177,819**	**791,678**							**2,969,497**
	Total kWh (excludes DR)					**2,176,920**	**791,678**							**2,968,598**
	Total GS > 50 kW							**9,920**						**9,920**
	Total GS > 50 kW (excludes Building Commissioning)							**9,920**						**9,920**

Distribution Rate in 2011				
Lost Revenue in 2011				
2011 Savings Persisting in 2012	2,176,920	791,678	9,920	
2011 Savings Persisting in 2013	2,176,920	791,678	9,920	
2011 Savings Persisting in 2014	2,174,259	691,699	9,920	
2011 Savings Persisting in 2015	1,998,359	691,699	9,920	

Note Rate class allocation percentage totals may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Table 8. 2012 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							
				2012 kW Saved	2012 kWh Saved	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused -- hide	"--Unused -- hide	Total
	Consumer Program					**kWh**	**kWh**	**kW**	**kWh**	**kW**	**NA**	**NA**	
1	Appliance Retirement	Verified	12	32	228,275	100%							100%
2	Appliance Exchange	Verified	12	10	17,000	100%							100%
3	HVAC Incentives	Verified	12	478	787,618	100%							100%
4	Conservation Instant Coupon Booklet	Verified	12	3	19,235	100%							100%
5	Bi-Annual Retailer Event	Verified	12	20	368,427	100%							100%
6	Retailer Co-op	Verified	12			100%							100%
7	Residential Demand Response (switch/pstat)	Verified		1,275	9,589	100%							100%
8	Residential Demand Response (IHD)	Verified				100%							100%
9	Residential New Construction	Verified	12			100%							100%
	Adjustments to 2012 results (if any)	True-up	12	8	16,238	100%							100%
	Business Program												
10	Retrofit	Verified	12	1,307	6,454,935		6%	95%					101%
11	Direct Install Lighting	Verified	12	61	233,972		100%						100%
12	Building Commissioning	Verified	3										
13	New Construction	Verified	12										
14	Energy Audit	Verified	12	16	75,529			100%					100%
15	Small Commercial Demand Response (switch/pstat)*	Verified											
16	Small Commercial Demand Response (IHD)	Verified											
17	Demand Response 3	Verified											
	Adjustments to 2012 results (if any)	True-up	12	64	382,256		3%	97%					101%
	Industrial Program												
18	Process & System Upgrades	Verified	12					100%					100%
19	Monitoring & Targeting	Verified	12										
20	Energy Manager	Verified	12										
21	Retrofit	Verified	12										
22	Demand Response 3	Verified		1,538	37,071								
	Adjustments to 2012 results (if any)	True-up	12										
	Home Assistance Program												
23	Home Assistance Program	Verified	12			100%							100%
	Adjustments to 2012 results (if any)	True-up	12										
	Pre-2011 Programs completed in 2011												
24	Electricity Retrofit Incentive Program	Verified	12				6%	95%					101%
25	High Performance New Construction	Verified	12	20	1,506			100%					100%
26	Toronto Comprehensive	Verified	12										
27	Multifamily Energy Efficiency Rebates	Verified	12										
28	LDC Custom Programs	Verified	12										
	Adjustments to 2012 results (if any)	True-up	12	19	95,016			100%					100%
	Other												

2012

29	Program Enabled Savings	Verified	12			100%								100%
30	Time-of-Use Savings	Verified	12											
	Adjustments to 2012 results (if any)	True-up	12	68	318,179	100%								100%
	Total kWh					**1,764,561**	**621,222**							**2,385,783**
	Total kWh (excludes DR)					**1,754,972**	**621,222**							**2,376,194**
	Total GS > 50 kW							**16,269**						**16,269**
	Total GS > 50 kW (excludes Building Commissioning)							**16,269**						**16,269**

Distribution Rate in 2012				
Lost Revenue in 2012 from 2011 programs				
Lost Revenue in 2012 from 2012 programs				
Total Lost Revenue in 2012				
2012 Savings Persisting in 2013	1,754,972	613,916	15,830	
2012 Savings Persisting in 2014	1,754,972	607,216	15,426	
2012 Savings Persisting in 2015	1,754,436	557,922	13,985	

Note Rate class allocation percentage totals may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Table 9. 2013 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							
				2013 kW Saved	2013 kWh Saved	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused -- hide	"--Unused -- hide	Total
	Consumer Program					kWh	kWh	kW	kWh	kW	NA	NA	
1	Appliance Retirement	Verified	12	18	122,741	100%							100%
2	Appliance Exchange	Verified	12	13	23,644	100%							100%
3	HVAC Incentives	Verified	12	429	710,487	100%							100%
4	Conservation Instant Coupon Booklet	Verified	12	7	106,031	100%							100%
5	Bi-Annual Retailer Event	Verified	12	16	236,338	100%							100%
6	Retailer Co-op	Verified	12			100%							100%
7	Residential Demand Response (switch/pstat)	Verified		1,425	5,349	100%							100%
8	Residential Demand Response (IHD)	Verified				100%							100%
9	Residential New Construction	Verified	12			100%							100%
	Adjustments to 2013 results (if any)	True-up	12	23	37,913	100%							100%
	Business Program												
10	Retrofit	Verified	12	911	3,750,880		100%						100%
11	Direct Install Lighting	Verified	12	31	104,959		100%						100%
12	Building Commissioning	Verified	3										
13	New Construction	Verified	12					100%					100%
14	Energy Audit	Verified	12	282	1,550,425		20%	80%					100%
15	Small Commercial Demand Response (switch/pstat)*	Verified		189		100%							100%
16	Small Commercial Demand Response (IHD)	Verified				100%							100%
17	Demand Response 3	Verified		22	381		100%						100%
	Adjustments to 2013 results (if any)	True-up	12	293	1,873,299		65%	41%					105%
	Industrial Program												
18	Process & System Upgrades	Verified	12	27	261,790			100%					100%
19	Monitoring & Targeting	Verified	12					100%					100%
20	Energy Manager	Verified	12					100%					100%
21	Retrofit	Verified	12					100%					100%
22	Demand Response 3	Verified		2,774	80,833								
	Adjustments to 2013 results (if any)	True-up	12										
	Home Assistance Program												
23	Home Assistance Program	Verified	12	29	397,788	100%							100%
	Adjustments to 2013 results (if any)	True-up	12	0	2,230	100%							100%
	Pre-2011 Programs completed in 2011												
24	Electricity Retrofit Incentive Program	Verified	12				100%						100%
25	High Performance New Construction	Verified	12					100%					100%
26	Toronto Comprehensive	Verified	12										
27	Multifamily Energy Efficiency Rebates	Verified	12										
28	LDC Custom Programs	Verified	12										
	Adjustments to 2013 results (if any)	True-up	12	93	204,978			100%					100%
	Other												
29	Program Enabled Savings	Verified	12										
30	Time-of-Use Savings	Verified	12			100%							100%
	Adjustments to 2013 results (if any)	True-up	12										
	Total kWh					**1,642,521**	**5,376,385**						**7,018,905**
	Total kWh (excludes DR)					**1,637,172**	**5,376,385**						**7,013,556**
	Total GS > 50 kW							**5,569**					**5,569**
	Total GS > 50 kW (excludes Building Commissioning)							**5,569**					**5,569**

2013

Distribution Rate in 2013					$0.0164	$0.0135	$2.8413	$0.0176	$4.3532	
Lost Revenue in 2013 from 2011 programs					$35,701	$10,688	$28,186			$74,575
Lost Revenue in 2013 from 2012 programs					$28,782	$8,288	$44,977			$82,046
Lost Revenue in 2013 from 2013 programs					$26,937	$72,581	$15,822			$115,340
Total Lost Revenue in 2013					**$91,420**	**$91,557**	**$88,984**			**$271,961**
2013 Savings Persisting in 2014					1,625,352	5,327,512	5,569			
2013 Savings Persisting in 2015					1,590,454	5,327,179	5,569			

Note Rate class allocation percentage totals may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Table 10. 2014 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							
				2014 kW Saved	2014 kWh Saved	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused -- hide	"--Unused -- hide	Total
	Consumer Program					kWh	kWh	kW	kWh	kW	NA	NA	
1	Appliance Retirement	Verified	12	19	124,110	100%							100%
2	Appliance Exchange	Verified	12	12	21,058	100%							100%
3	HVAC Incentives	Verified	12	546	1,001,825	100%							100%
4	Conservation Instant Coupon Booklet	Verified	12	30	395,701	100%							100%
5	Bi-Annual Retailer Event	Verified	12	111	1,690,736	100%							100%
6	Retailer Co-op	Verified	12			100%							100%
7	Residential Demand Response (switch/pstat)	Verified		1,746		100%							100%
8	Residential Demand Response (IHD)	Verified				100%							100%
9	Residential New Construction	Verified	12			100%							100%
	Adjustments to 2014 results (if any)	True-up	12										
	Business Program												
10	Retrofit	Verified	12	751	4,672,154		15%	86%					101%
11	Direct Install Lighting	Verified	12	53	212,175		100%						100%
12	Building Commissioning	Verified	3										
13	New Construction	Verified	12					100%					100%
14	Energy Audit	Verified	12	53	261,094			100%					100%
15	Small Commercial Demand Response (switch/pstat)*	Verified		249			100%						100%
16	Small Commercial Demand Response (IHD)	Verified											
17	Demand Response 3	Verified		82									
	Adjustments to 2014 results (if any)	True-up	12										
	Industrial Program												
18	Process & System Upgrades	Verified	12										
19	Monitoring & Targeting	Verified	12										
20	Energy Manager	Verified	12										
21	Retrofit	Verified	12										
22	Demand Response 3	Verified		2,851									
	Adjustments to 2014 results (if any)	True-up	12										
	Home Assistance Program												
23	Home Assistance Program	Verified	12	20	283,424	100%							100%
	Adjustments to 2014 results (if any)	True-up	12										
	Pre-2011 Programs completed in 2011												
24	Electricity Retrofit Incentive Program	Verified	12										
25	High Performance New Construction	Verified	12										
26	Toronto Comprehensive	Verified	12										
27	Multifamily Energy Efficiency Rebates	Verified	12										
28	LDC Custom Programs	Verified	12										
	Adjustments to 2014 results (if any)	True-up	12										
	Other												
29	Program Enabled Savings	Verified	12		492,721								
30	Time-of-Use Savings	Verified	12	904									
	Adjustments to 2014 results (if any)	True-up	12										
	Total kWh					**3,516,855**	**915,823**						**4,432,678**
	Total kWh (excludes DR)					**3,516,855**	**915,823**						**4,432,678**
	Total GS > 50 kW							**8,426**					**8,426**
	Total GS > 50 kW (excludes Building Commissioning)							**8,426**					**8,426**

Distribution Rate in 2014	$0.0165	$0.0135	$2.8473	$0.0176	$4.3640	
Lost Revenue in 2014 from 2011 programs						
Lost Revenue in 2014 from 2012 programs	Captured in load forecast					
Lost Revenue in 2014 from 2013 programs	$26,818	$71,921	$15,855			$114,595
Lost Revenue in 2014 from 2014 programs	$58,028	$12,364	$23,993			$94,384
Total Lost Revenue in 2014	**$84,846**	**$84,285**	**$39,848**			**$208,979**
2014 Savings Persisting in 2015	3,261,864	911,141	8,335			

Note Rate class allocation percentage totals may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

2014

Ontario Energy Board

LRAMVA Work Form:
2015 Lost Revenues Work Form

2015 Lost Revenues Work Form

Instruction

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 application.

Lost revenues for the period prior to rebasing should be included within the LDCs load forecast on a go forward basis, negating the need for perpetual LRAMVA claims related to persisting savings from historic programs.

LDC to adjust the rate allocations by class (columns h to n). Please insert ESO verified savings for applicable programs (columns f to g).

Adjustments will apply to the year that LRAM is claimed.

This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates).

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table11-a. 2015 LRAM Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Energy Savings (kWh)	Net Incremental Peak Demand Savings (kW)	Rate Allocation for LRAMVA							
				2015 kWh saved	2015 kW saved	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused - hide	"--Unused - hide	Total
2011-2014+2015 Extension Legacy Framework Programs						kWh	kWh	kW	kWh	kW	NA	NA	
Residential Program													
1	Coupon Initiative	Verified	12	48	731,825	100%							100%
2	Bi-Annual Retailer Event Initiative	Verified	12	91	1,349,961	100%							100%
3	Appliance Retirement Initiative	Verified	12	4	30,128	100%							100%
4	HVAC Incentives Initaitive	Verified	12	687	1,300,734	100%							100%
5	Residential New Construction and Major Renovation Initiative	Verified	12			100%							100%
Adjustments to 2015 results (if any)		True-up	12										
Commercial & Institutional Program													
7	Energy Audit Initiative	Verified	12										
8	Efficiency: Equipment Replacement Incentive Initiative	Verified	12	1,456	9,140,210		40%	62%					102%
9	Direct Install Lighting and Water Heating Initiative	Verified	12	52	210,326		100%						100%
10	New Construction and Major Renovation Initiative	Verified	12										
11	Existing Building Commissioning Incentive Initiative	Verified	3										
Adjustments to 2015 results (if any)		True-up	12										
Industrial Program													
12	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	12										

13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	12				
14	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	12	6	20,748	100%	100%
Adjustments to 2015 results (if any)		True-up	12				
Low Income Program							
15	Low Income Initiative	Verified	12	49	180,097	100%	100%
Adjustments to 2015 results (if any)		True-up	12				
Pilots							
16	Loblaws Pilot	Verified	12				
17	Social Benchmarking Pliot	Verified	12				
18	Conservation Fund Pilot - SEG	Verified	12				
19	Conservation Fund Pilot - EnerNOC	Verified	12				
Adjustments to 2015 results (if any)		True-up	12				
2015-2020 Conservation First Framework Programs							
Residential Province-Wide Programs							
21	Save on Energy Coupon Program	Verified	12			100%	100%
22	Save on Energy Heating and Cooling Program	Verified	12			100%	100%
23	Save on Energy New Construction Program	Verified	12			100%	100%
24	Save on Energy Home Assistance Program	Verified	12			100%	100%
Adjustments to 2015 results (if any)		True-up	12				
Non-Residential Province-Wide Programs							
25	Save on Energy Audit Funding Program	Verified	12			100%	100%
26	Save on Energy Retrofit Program	Verified	12	19	61,250	100%	100%
27	Save on Energy Small Business Lighting Program	Verified	12			100%	100%
28	Save on Energy High Performance New Construction Program	Verified	12			100%	100%
29	Save on Energy Existing Building Commissioning Program	Verified	3			100%	100%
30	Save on Energy Process & Systems Upgrades Program	Verified	12			100%	100%
31	Save on Energy Monitoring & Targeting Program	Verified	12			100%	100%
32	Save on Energy Energy Manager Program	Verified	12			100%	100%
Adjustments to 2015 results (if any)		True-up	12				
Local & Regional Programs							
33	Business Refrigeration Local Program	Verified	12			100%	100%
34	First Nation Conservation Local Program	Verified	12			100%	100%
35	Social Benchmarking Local Program	Verified	12			100%	100%
Adjustments to 2015 results (if any)		True-up	12				
Pilot Programs							
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified	12			100%	100%
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified	12			100%	100%
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified	12			100%	100%
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified	12			100%	100%
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	12			100%	100%
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	12			100%	100%
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	12			100%	100%

43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified	12			100%								100%
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified	12			100%								100%
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified	12			100%								100%
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified	12			100%								100%
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	12			100%								100%
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	12			100%								100%
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified	12			100%								100%
Adjustments to 2015 results (if any)		True-up	12											
	Total kWh					**3,653,995**	**3,856,088**							**7,510,083**
	Total GS > 50 kW							**10,917**						**10,917**
	Total GS > 50 kW (excludes Building Commissioning)							**10,917**						

Distribution Rate in 2015		$0 0163	$0 0134	$2.8542	$0.0161	$4.3240	
Lost Revenue in 2015 from 2011 programs	Captured in the load forecast						
Lost Revenue in 2015 from 2012 programs							
Lost Revenue in 2015 from 2013 programs		$25,924	$71,384	$15,894			$113,202
Lost Revenue in 2015 from 2014 programs		$53,168	$12,209	$23,789			$89,166
Lost Revenue in 2015 from 2015 programs		$59,560	$51,672	$31,160			$142,392
Total Lost Revenue in 2015		**$138,653**	**$135,265**	**$70,843**			**$344,761**

Note: Rate class allocation percentage totals may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Ontario Energy Board

LRAMVA Work Form: Persistence Rates

Persistence Rates

Instruction

To apply persistence factors to previous year's savings, this can be determined by taking the ratio of verified savings to the savings that occurred in the first year the program began. Please update the summary tables (highlighted blue boxes) with the verified results provided by the IESO. For 2011-2014 programs, these tables refer to Tables 4 and 5 (Summary Achievement Against CDM Targets). The verified results include adjustments. In the event that an LDC uses initiative level persistence, the LDC must provide these calculations in a new table below those provided here.

The persistence factors will autopopulate on the LRAM forms.
This form may need to be updated with IESO data on persistence of 2011-2014 programs into 2015-2020 term.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Note: Initiative level persistence was used. See below. Tables 12 and 13 not used.

Ontario Energy Board

LRAMVA Work Form:
Carrying Charges (by Rate Class)

Carrying Charges by Rate Class

Instruction

Please update the carrying charges in **Table 14**. The interest amounts per year will autopopulate in the LRAMVA Summary Table in **Tab 1**.

LDC to adjust the rate allocations by class (columns h to n). Please insert ESO verified savings for applicable programs (columns f to g).

Please note that the carrying charges below pertain to the amount credited or debited to ratepayers based on how much was originally collected from the interest on the load forecast. As the amounts shown are running totals, please clear the yearly amounts once the LRAM claims are approved in order to cancel prior year interest collections.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 14: Prescribed Interest Rates

Quarter	Approved Deferral and Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	
2017 Q4	
2018 Q1	
2018 Q2	
2018 Q3	
2018 Q4	
2019 Q1	
2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	

Table 15: Calculation of Carrying Costs by Rate Class

Month	Interest for CDM year	Quarter	Monthly Rate	Residential	GS < 50 kW	GS 50 to 4999 kW	Unmetered Scattered Load	Street Lighting	"--Unused - hide	"--Unused - hide	"--Unused - hide	"--Unused - hide	"--Unused - hide	"--Unused - hide	Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
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
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
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
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
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
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
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for fiscal year 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**
Amount Cleared															
Opening Balance for fiscal year 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**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
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
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
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
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for fiscal year 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**
Amount Cleared															
Opening Balance for fiscal year 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$9.33	$9.35	$9.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$27.76
Mar-13	2011-2013	Q1	0.12%	$18.66	$18.69	$18.17	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.53
Apr-13	2011-2013	Q2	0.12%	$28.00	$28.04	$27.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$83.29
May-13	2011-2013	Q2	0.12%	$37.33	$37.39	$36.34	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$111.05
Jun-13	2011-2013	Q2	0.12%	$46.66	$46.73	$45.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$138.81
Jul-13	2011-2013	Q3	0.12%	$55.99	$56.08	$54.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$166.58
Aug-13	2011-2013	Q3	0.12%	$65.33	$65.42	$63.59	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$194.34
Sep-13	2011-2013	Q3	0.12%	$74.66	$74.77	$72.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$222.10

2020 Q4	

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Oct-13	2011-2013	Q4	0.12%	$83.99	$84.12	$81.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$249.86
Nov-13	2011-2013	Q4	0.12%	$93.32	$93.46	$90.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$277.63
Dec-13	2011-2013	Q4	0.12%	$102.66	$102.81	$99.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$305.39
Total for fiscal year 2013				**$615.94**	**$616.86**	**$599.53**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$1,832.34**
Amount Cleared															
Opening Balance for fiscal year 2014				**$615.94**	**$616.86**	**$599.53**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$1,832.34**
Jan-14	2011-2014	Q1	0.12%	$111.99	$112.16	$109.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$333.15
Feb-14	2011-2014	Q1	0.12%	$113.91	$115.68	$108.17	-$0.03	-$0.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$337.65
Mar-14	2011-2014	Q1	0.12%	$115.83	$119.20	$107.34	-$0.07	-$0.16	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$342.14
Apr-14	2011-2014	Q2	0.12%	$117.74	$122.73	$106.50	-$0.10	-$0.23	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$346.64
May-14	2011-2014	Q2	0.12%	$119.66	$126.25	$105.67	-$0.13	-$0.31	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.13
Jun-14	2011-2014	Q2	0.12%	$121.58	$129.77	$104.83	-$0.16	-$0.39	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$355.63
Jul-14	2011-2014	Q3	0.12%	$123.50	$133.29	$104.00	-$0.20	-$0.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$360.12
Aug-14	2011-2014	Q3	0.12%	$125.42	$136.82	$103.16	-$0.23	-$0.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$364.62
Sep-14	2011-2014	Q3	0.12%	$127.33	$140.34	$102.33	-$0.26	-$0.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$369.12
Oct-14	2011-2014	Q4	0.12%	$129.25	$143.86	$101.49	-$0.29	-$0.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$373.61
Nov-14	2011-2014	Q4	0.12%	$131.17	$147.39	$100.66	-$0.33	-$0.78	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$378.11
Dec-14	2011-2014	Q4	0.12%	$133.09	$150.91	$99.82	-$0.36	-$0.86	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$382.60
Total for fiscal year 2014				**$2,086.41**	**$2,195.26**	**$1,852.49**	**-$2.15**	**-$5.16**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$6,126.86**
Amount Cleared															
Opening Balance for fiscal year 2015				**$2,086.41**	**$2,195.26**	**$1,852.49**	**-$2.15**	**-$5.16**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$6,126.86**
Jan-15	2011-2015	Q1	0.12%	$135.01	$154.43	$98.99	-$0.39	-$0.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$387.10
Feb-15	2011-2015	Q1	0.12%	$142.50	$163.20	$101.30	-$0.42	-$1.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$405.56
Mar-15	2011-2015	Q1	0.12%	$149.99	$171.96	$103.62	-$0.45	-$1.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$424.03
Apr-15	2011-2015	Q2	0.09%	$117.84	$135.24	$79.27	-$0.36	-$0.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$331.12
May-15	2011-2015	Q2	0.09%	$123.45	$141.80	$81.01	-$0.38	-$0.93	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$344.94
Jun-15	2011-2015	Q2	0.09%	$129.06	$148.35	$82.74	-$0.40	-$0.99	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$358.76
Jul-15	2011-2015	Q3	0.09%	$134.66	$154.91	$84.48	-$0.43	-$1.05	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$372.58
Aug-15	2011-2015	Q3	0.09%	$140.27	$161.47	$86.21	-$0.45	-$1.11	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$386.40
Sep-15	2011-2015	Q3	0.09%	$145.88	$168.03	$87.94	-$0.47	-$1.17	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$400.22
Oct-15	2011-2015	Q4	0.09%	$151.48	$174.59	$89.68	-$0.49	-$1.22	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$414.04
Nov-15	2011-2015	Q4	0.09%	$157.09	$181.15	$91.41	-$0.51	-$1.28	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$427.85
Dec-15	2011-2015	Q4	0.09%	$162.70	$187.71	$93.14	-$0.54	-$1.34	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$441.67
Total for fiscal year 2015				**$3,776.35**	**$4,138.10**	**$2,932.29**	**-$7.44**	**-$18.17**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$10,821.13**
Amount Cleared															
Opening Balance for fiscal year 2016				**$3,776.35**	**$4,138.10**	**$2,932.29**	**-$7.44**	**-$18.17**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$10,821.13**
Jan-16	2011-2016	Q1	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Feb-16	2011-2016	Q1	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Mar-16	2011-2016	Q1	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Apr-16	2011-2016	Q2	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
May-16	2011-2016	Q2	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Jun-16	2011-2016	Q2	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Jul-16	2011-2016	Q3	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Aug-16	2011-2016	Q3	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Sep-16	2011-2016	Q3	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Oct-16	2011-2016	Q4	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Nov-16	2011-2016	Q4	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Dec-16	2011-2016	Q4	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Total for fiscal year 2016				**$5,796.01**	**$6,469.28**	**$4,070.83**	**-$14.15**	**-$34.93**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$16,287.04**
Amount Cleared															
Opening Balance for fiscal year 2017				**$5,796.01**	**$6,469.28**	**$4,070.83**	**-$14.15**	**-$34.93**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$16,287.04**
Jan-17	2011-2017	Q1	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Feb-17	2011-2017	Q1	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Mar-17	2011-2017	Q1	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Apr-17	2011-2017	Q2	0.09%	$168.30	$194.27	$94.88	-$0.56	-$1.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.49
Total for fiscal year 2017				**$6,469.23**	**$7,246.35**	**$4,450.35**	**-$16.39**	**-$40.51**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$18,109.01**
Amount Cleared															
Opening Balance for fiscal year 2018				**$6,469.23**	**$7,246.35**	**$4,450.35**	**-$16.39**	**-$40.51**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$18,109.01**

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electrical energy to residential customers where such energy is used exclusively in 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 residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	19.01
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	$	0.79
Distr bution Volumetric Rate	$/kWh	0.0084
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0059

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.
The application of these 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.
In this class:

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;
"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;
"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;
"household" means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;
"household income" means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

(a) account-holders with a household income of $28,000 or less living in a household of one or two persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of three persons;
(c) account-holders with a household income of between $39,001 and $48,000 living in a household of five persons; and
(d) account-holders with a household income of between $48,001 and $52,000 living in a household of seven or more persons; $ (30.00)

Class B

(a) account-holders with a household income of $28,000 or less living in a household of three persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of four persons;
(c) account-holders with a household income of between $39,001 and $48,000 living in a household of six persons;
but does not include account-holders in Class F.
OESP Credit $ (34.00)

Class C

(a) account-holders with a household income of $28,000 or less living in a household of four persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of five persons;
(c) account-holders with a household income of between $39,001 and $48,000 living in a household of seven or more persons; $ (38.00)

Class D

(a) account-holders with a household income of $28,000 or less living in a household of five persons; and
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of six persons;
but does not include account-holders in Class H.
OESP Credit $ (42.00)

Class E

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

Class E comprises account-holders with a household income and household size descr bed under Class A who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.	$	(45.00)

Class F

(a) account-holders with a household income of $28,000 or less living in a household of six or more persons; (b) account-holders with a household income of between $28,001 and $39,000 living in a household of seven or more persons; or (c) account-holders with a household income and household size described under Class B who also meet any of the i. the dwelling to which the account relates is heated primarily by electricity; ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates		
OESP Credit	$	(50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.	$	(55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.	$	(60.00)

Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.		
OESP Credit	$	(75.00)

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by BHI to be less than, 50 kW. 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.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	26.00
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	$	0.79
Distr bution Volumetric Rate	$/kWh	0.0139
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kWh	(0.0035)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to general service customers with a monthly average peak demand during a calendar year equal to or greater than, or is forecast by Burlington Hydro Inc. to be equal to or greater than, 50 kW but less than 5,000 kW. 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.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	60.94
Distr bution Volumetric Rate	$/kW	3.0000
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kW	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kW	(1.3713)
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8043
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.3118

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to low voltage connection assets that operate at 750 volts or less and supply electricity to general service customers whose monthly average peak demand during a calendar year is less than, or forecast by Burlington Hydro Inc. to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. 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.

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	9.34
Distr bution Volumetric Rate	$/kWh	0.0162
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kWh	(0.0034)
Retail Transmission Rate - Network Service Rate	$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to roadway lighting customers such as the City of Burlington, the Regional Municipality of Halton, Ministry of Transportation and private roadway lighting, controlled by photo cells. The daily consumption for these customers will be based on the calculated connected load times the required night time or lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	0.62

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

		EB-2016-0059
Distr bution Volumetric Rate	$/kW	4.5184
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	$/kWh	0.0030
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	$/kW	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	$/kW	(1.3169)
Retail Transmission Rate - Network Service Rate	$/kW	2.0494
Retail Transmission Rate - Line Connection Service Rate	$/kW	1.6452

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.6000)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

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

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0059

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

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

Customer Administration

Arrears certificate	$	15.00
Credit reference/credit check (plus credit agency costs)	$	15.00
Statement of account	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Returned cheque (plus bank charges)	$	15.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	$	30.00
Disconnect/reconnect at meter - during regular hours	$	65.00
Disconnect/reconnect at meter - after regular hours	$	185.00

Other

Temporary service - install & remove - overhead - no transformer	$	500.00
Specific charge for wireline access to the power poles - $/pole/year	$	22.35
(with the exception of wireless attachments)		

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly fixed charge, per retailer	$	20.00

Burlington Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

		EB-2016-0059
Monthly variable charge, per customer, per retailer	$/cust.	0.50
Distr butor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	$	no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

LOSS FACTORS

If the distr butor 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 - Primary Metered Customer < 5,000 kW	1.0270

Ontario Energy Board

Incentive Regulation Model for 2017 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.**

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 2016 of $0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact table for the specific class.
2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.
3. 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).
RES DENTIAL SERVICE CLASS FICATION	1	RPP	1 0373	1.0373	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASS FICATION	1	RPP	1 0373	1.0373	1,500		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	1	Non-RPP (Other)	1 0373	1.0373	36,700	100	MAND - INTERVAL	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	1	RPP	1 0373	1.0373	2,000		N/A	1
STREET LIGHT NG SERVICE CLASSIFICATION	1	Non-RPP (Other)	1 0373	1.0373	175	0	N/A	1
RES DENTIAL SERVICE CLASS FICATION	1	RPP	1 0373	1.0373	320		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

	RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total A $	Sub-Total A %	Sub-Total B $	Sub-Total B %	Sub-Total C $	Sub-Total C %	Total A+B+C $	Total A+B+C %
1	RES DENTIAL SERVICE CLASS FICATION - RPP	1								
2	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASS FICATION - RPP	1								
3	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	1								
4	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	1								

5	STREET LIGHT NG SERVICE CLASSIFICATION - Non-RPP (Other)	1									
6	RES DENTIAL SERVICE CLASS FICATION - RPP	1									
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Customer Class	**RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**750**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 15.46	1	$ 15.46	$ 19.01	1	$ 19.01	$ 3.55	22.96%
Distribution Volumetric Rate	$ 0.0125	750	$ 9 38	$ 0.0084	750	$ 6.30	$ (3.08)	-32.80%
Fixed Rate Riders	$ 0.02	1	$ 0 02	$ -	1	$ -	$ (0.02)	-100.00%
Volumetric Rate Riders	$ -	750	$ -	$ 0.0007	750	$ 0.53	$ 0.53	
Sub-Total A (excluding pass through)			$ 24 86			$ 25.84	**$ 0.98**	**3.94%**
Line Losses on Cost of Power	$ 0.1114	28	$ 3.12	$ 0.1114	28	$ 3.12	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.0010	750	$ 0.75	-$ 0.0033	750	$ (2.48)	$ (3.23)	-430.00%
GA Rate Riders				$ -	750	$ -	$ -	
Low Voltage Service Charge	$ -	750	$ -		750	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 29.51**			**$ 27.27**	**$ (2.25)**	**-7.61%**
RTSR - Network	$ 0.0070	778	$ 5.45	$ 0.0072	778	$ 5.60	$ 0.16	2.86%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0061	778	$ 4.75	$ 0.0059	778	$ 4.59	$ (0.16)	-3.28%
Sub-Total C - Delivery (including Sub-Total B)			**$ 39.70**			**$ 37.46**	**$ (2.25)**	**-5.65%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	778	$ 2 80	$ 0.0036	778	$ 2.80	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	778	$ 1 01	$ 0.0013	778	$ 1.01	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0 25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	$ 0.0011	778	$ 0 86	$ 0.0011	778	$ 0.86	$ -	0.00%
TOU - Off Peak	$ 0.0870	488	$ 42.41	$ 0.0870	488	$ 42.41	$ -	0.00%
TOU - Mid Peak	$ 0.1320	128	$ 16.83	$ 0.1320	128	$ 16.83	$ -	0.00%
TOU - On Peak	$ 0.1800	135	$ 24 30	$ 0.1800	135	$ 24.30	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 128.16**			**$ 125.92**	**$ (2.25)**	**-1.75%**
HST	13%		$ 16 66	13%		$ 16.37	$ (0.29)	-1.75%
Total Bill on TOU			**$ 144.82**			**$ 142.29**	**$ (2.54)**	**-1.75%**

Customer Class	**GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**1,500**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 25.54	1	$ 25 54	$ 26.00	1	$ 26.00	$ 0.46	1.80%
Distribution Volumetric Rate	$ 0.0137	1500	$ 20 55	$ 0.0139	1500	$ 20.85	$ 0.30	1.46%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ -	1500	$ -	-$ 0.0001	1500	$ (0.15)	$ (0.15)	
Sub-Total A (excluding pass through)			$ 46 09			$ 46.70	**$ 0.61**	**1.32%**
Line Losses on Cost of Power	$ 0.1114	56	$ 6 23	$ 0.1114	56	$ 6.23	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.0010	1,500	$ 1 50	-$ 0.0024	1,500	$ (3.60)	$ (5.10)	-340.00%
GA Rate Riders				$ -	1,500	$ -	$ -	
Low Voltage Service Charge	$ -	1,500	$ -		1,500	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ 0.7900	1	$ 0.79	$ 0.7900	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 54.61**			**$ 50.12**	**$ (4.49)**	**-8.22%**
RTSR - Network	$ 0.0067	1,556	$ 10.42	$ 0.0069	1,556	$ 10.74	$ 0.31	2.99%
RTSR - Connection and/or Line and Transformation Connection	$ 0.0054	1,556	$ 8.40	$ 0.0052	1,556	$ 8.09	$ (0.31)	-3.70%
Sub-Total C - Delivery (including Sub-Total B)			**$ 73.44**			**$ 68.95**	**$ (4.49)**	**-6.11%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	1,556	$ 5 60	$ 0.0036	1,556	$ 5.60	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	1,556	$ 2 02	$ 0.0013	1,556	$ 2.02	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0 25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	1,500	$ 10.50	$ 0.0070	1,500	$ 10.50	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	1,556	$ 1.71	$ 0.0011	1,556	$ 1.71	$ -	0.00%
TOU - Off Peak	$ 0.0870	975	$ 84.83	$ 0.0870	975	$ 84.83	$ -	0.00%
TOU - Mid Peak	$ 0.1320	255	$ 33.66	$ 0.1320	255	$ 33.66	$ -	0.00%
TOU - On Peak	$ 0.1800	270	$ 48 60	$ 0.1800	270	$ 48.60	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 260.61**			**$ 256.12**	**$ (4.49)**	**-1.72%**
HST	13%		$ 33 88	13%		$ 33.30	$ (0.58)	-1.72%
Total Bill on TOU			**$ 294.49**			**$ 289.42**	**$ (5.07)**	**-1.72%**

Customer Class	**GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**	
RPP / Non-RPP	**Non-RPP (Other)**	
Consumption	**36,700**	**kWh**
Demand	**100**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate	Volume	Charge	Rate	Volume	Charge		

	($)		($)	($)		($)	$ Change	% Change
Monthly Service Charge	$ 59.86	1	$ 59 86	$ 60.94	1	$ 60.94	$ 1.08	1.80%
Distribution Volumetric Rate	$ 2.9470	100	$ 294.70	$ 3.0000	100	$ 300.00	$ 5.30	1.80%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0033	100	$ 0 33	$ 0.0001	100	$ 0.01	$ (0.32)	-96.97%
Sub-Total A (excluding pass through)			$ 354 89			$ 360.95	**$ 6.06**	**1.71%**
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders	$ 1.0494	100	$ 104.94	-$ 1.4782	100	$ (147.82)	$ (252.76)	-240.86%
GA Rate Riders		100	$ -	$ 0.0030	36,700	$ 110.10	$ 110.10	
Low Voltage Service Charge	$ -	100	$ -		100	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 459.83**			**$ 323.23**	**$ (136.60)**	**-29.71%**
RTSR - Network	$ 2.7578	100	$ 275.78	$ 2.8276	100	$ 282.76	$ 6.98	2.53%
RTSR - Connection and/or Line and Transformation Connection	$ 2.3742	100	$ 237.42	$ 2.2770	100	$ 227.70	$ (9.72)	-4.09%
Sub-Total C - Delivery (including Sub-Total B)			**$ 973.03**			**$ 833.69**	**$ (139.34)**	**-14.32%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	38,069	$ 137.05	$ 0.0036	38,069	$ 137.05	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	38,069	$ 49.49	$ 0.0013	38,069	$ 49.49	$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	$ 0.0070	36,700	$ 256 90	$ 0.0070	36,700	$ 256.90	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	38,069	$ 41 88	$ 0.0011	38,069	$ 41.88	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.1130	38 069	$ 4 301.79	$ 0.1130	38 069	$ 4 301.79	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			**$ 5,760.13**			**$ 5,620.79**	**$ (139.34)**	**-2.42%**
HST	13%		$ 748 82	13%		$ 730.70	$ (18.11)	-2.42%
Total Bill on Average IESO Wholesale Market Price			**$ 6,508.95**			**$ 6,351.49**	**$ (157.45)**	**-2.42%**

Customer Class	**UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**2,000**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 9.17	1	$ 9.17	$ 9.34	1	$ 9.34	$ 0.17	1.85%
Distribution Volumetric Rate	$ 0.0159	2000	$ 31 80	$ 0.0162	2000	$ 32.40	$ 0.60	1.89%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ -	2000	$ -	-$ 0.0001	2000	$ (0.20)	$ (0.20)	
Sub-Total A (excluding pass through)			$ 40 97			$ 41.54	**$ 0.57**	**1.39%**
Line Losses on Cost of Power	$ 0.1114	75	$ 8 31	$ 0.1114	75	$ 8.31	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.0009	2,000	$ 1 80	-$ 0.0039	2,000	$ (7.80)	$ (9.60)	-533.33%
GA Rate Riders				$ -	2,000	$ -	$ -	
Low Voltage Service Charge	$ -	2,000	$ -		2,000	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 51.08**			**$ 42.05**	**$ (9.03)**	**-17.68%**
RTSR - Network	$ 0.0067	2,075	$ 13 90	$ 0.0069	2,075	$ 14.31	$ 0.41	2.99%

RTSR - Connection and/or Line and Transformation Connection	$ 0.0054	2,075	$ 11 20	$ 0.0052	2,075	$ 10.79	$ (0.41)	-3.70%
Sub-Total C - Delivery (including Sub-Total B)			**$ 76.18**			**$ 67.15**	**$ (9.03)**	**-11.85%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	2,075	$ 7.47	$ 0.0036	2,075	$ 7.47	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	2,075	$ 2.70	$ 0.0013	2,075	$ 2.70	$ -	0.00%
Standard Supply Service Charge	$ 0.2500	1	$ 0 25	$ 0.2500	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)	$ 0.0070	2,000	$ 14.00	$ 0.0070	2,000	$ 14.00	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	2,075	$ 2 28	$ 0.0011	2,075	$ 2.28	$ -	0.00%
TOU - Off Peak	$ 0.0870	1,300	$ 113.10	$ 0.0870	1,300	$ 113.10	$ -	0.00%
TOU - Mid Peak	$ 0.1320	340	$ 44.88	$ 0.1320	340	$ 44.88	$ -	0.00%
TOU - On Peak	$ 0.1800	360	$ 64 80	$ 0.1800	360	$ 64.80	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 325.66**			**$ 316.63**	**$ (9.03)**	**-2.77%**
HST	13%		$ 42 34	13%		$ 41.16	$ (1.17)	-2.77%
Total Bill on TOU			**$ 368.00**			**$ 357.79**	**$ (10.20)**	**-2.77%**

Customer Class	**STREET LIGHTING SERVICE CLASSIFICATION**
RPP / Non-RPP	**Non-RPP (Other)**
Consumption	**175** **kWh**
Demand	**0** **kW**
Current Loss Factor	**1.0373**
Proposed/Approved Loss Factor	**1.0373**

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	$ 0.61	1	$ 0 61	$ 0.62	1	$ 0.62	$ 0.01	1.64%
Distribution Volumetric Rate	$ 4.4385	0.175	$ 0.78	$ 4.5184	0.175	$ 0.79	$ 0.01	1.80%
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -	
Volumetric Rate Riders	$ 0.0088	0.175	$ 0 00	-$ 0.0001	0.175	$ (0.00)	$ (0.00)	-101.14%
Sub-Total A (excluding pass through)			$ 1 39			$ 1.41	**$ 0.02**	**1.62%**
Line Losses on Cost of Power	$ 0.1130	7	$ 0.74	$ 0.1130	7	$ 0.74	$ -	0.00%
Total Deferral/Variance Account Rate Riders	$ 0.9910	0	$ 0.17	-$ 1.4185	0	$ (0.25)	$ (0.42)	-243.14%
GA Rate Riders	$ -	0	$ -	$ 0.0030	175	$ 0.53	$ 0.53	
Low Voltage Service Charge	$ -	0	$ -		0	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			**$ 2.30**			**$ 2.43**	**$ 0.13**	**5.47%**
RTSR - Network	$ 2.0154	0	$ 0 35	$ 2.0664	0	$ 0.36	$ 0.01	2.53%
RTSR - Connection and/or Line and Transformation Connection	$ 1.6896	0	$ 0 30	$ 1.6204	0	$ 0.28	$ (0.01)	-4.10%
Sub-Total C - Delivery (including Sub-Total B)			**$ 2.95**			**$ 3.07**	**$ 0.12**	**4.16%**
Wholesale Market Service Charge (WMSC)	$ 0.0036	182	$ 0 65	$ 0.0036	182	$ 0.65	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	$ 0.0013	182	$ 0 24	$ 0.0013	182	$ 0.24	$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	$ 0.0070	175	$ 1.23	$ 0.0070	175	$ 1.23	$ -	0.00%
Ontario Electricity Support Program (OESP)	$ 0.0011	182	$ 0 20	$ 0.0011	182	$ 0.20	$ -	0.00%
Average IESO Wholesale Market Price	$ 0.1130	175	$ 19.78	$ 0.1130	175	$ 19.78	$ -	0.00%

Total Bill on Average IESO Wholesale Market Price			**$ 25.04**			**$ 25.16**	**$ 0.12**	**0.49%**
HST	13%		$ 3 25	13%		$ 3.27	$ 0.02	0.49%
Total Bill on Average IESO Wholesale Market Price			**$ 28.29**			**$ 28.43**	**$ 0.14**	**0.49%**

Customer Class	**RESIDENTIAL SERVICE CLASSIFICATION**	
RPP / Non-RPP	**RPP**	
Consumption	**320**	**kWh**
Demand	**-**	**kW**
Current Loss Factor	**1.0373**	
Proposed/Approved Loss Factor	**1.0373**	

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	**$ 15.46**	1	$ 15.46	**$ 19.01**	1	$ 19.01	$ 3.55	22.96%
Distribution Volumetric Rate	**$ 0.0125**	320	$ 4 00	**$ 0.0084**	320	$ 2.69	$ (1.31)	-32.80%
Fixed Rate Riders	**$ 0.02**	1	$ 0 02	**$ -**	1	$ -	$ (0.02)	-100.00%
Volumetric Rate Riders	**$ -**	320	$ -	**$ 0.0007**	320	$ 0.22	$ 0.22	
Sub-Total A (excluding pass through)			$ 19.48			$ 21.92	**$ 2.44**	**12.54%**
Line Losses on Cost of Power	**$ 0.1114**	12	$ 1 33	**$ 0.1114**	12	$ 1.33	$ -	0.00%
Total Deferral/Variance Account Rate Riders	**$ 0.0010**	320	$ 0 32	**-$ 0.0033**	320	$ (1.06)	$ (1.38)	-430.00%
GA Rate Riders				**$ -**	320	$ -	$ -	
Low Voltage Service Charge	**$ -**	320	$ -		320	$ -	$ -	
Smart Meter Entity Charge (if applicable)	**$ 0.7900**	1	$ 0.79	**$ 0.7900**	1	$ 0.79	$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			**$ 21.92**			**$ 22.99**	**$ 1.07**	**4.86%**
RTSR - Network	**$ 0.0070**	332	$ 2 32	**$ 0.0072**	332	$ 2.39	$ 0.07	2.86%
RTSR - Connection and/or Line and Transformation Connection	**$ 0.0061**	332	$ 2 02	**$ 0.0059**	332	$ 1.96	$ (0.07)	-3.28%
Sub-Total C - Delivery (including Sub-Total B)			**$ 26.27**			**$ 27.33**	**$ 1.07**	**4.06%**
Wholesale Market Service Charge (WMSC)	**$ 0.0036**	332	$ 1.19	**$ 0.0036**	332	$ 1.19	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	**$ 0.0013**	332	$ 0.43	**$ 0.0013**	332	$ 0.43	$ -	0.00%
Standard Supply Service Charge	**$ 0.2500**	1	$ 0 25	**$ 0.2500**	1	$ 0.25	$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	**$ 0.0011**	332	$ 0 37	**$ 0.0011**	332	$ 0.37	$ -	0.00%
TOU - Off Peak	**$ 0.0870**	208	$ 18.10	**$ 0.0870**	208	$ 18.10	$ -	0.00%
TOU - Mid Peak	**$ 0.1320**	54	$ 7.18	**$ 0.1320**	54	$ 7.18	$ -	0.00%
TOU - On Peak	**$ 0.1800**	58	$ 10 37	**$ 0.1800**	58	$ 10.37	$ -	0.00%
Total Bill on TOU (before Taxes)			**$ 64.15**			**$ 65.22**	**$ 1.07**	**1.66%**
HST	13%		$ 8 34	13%		$ 8.48	$ 0.14	1.66%
Total Bill on TOU			**$ 72.49**			**$ 73.70**	**$ 1.20**	**1.66%**

Message from the Vice President:

The IESO is pleased to provide the enclosed 2011-2014 Final Results Report. This report is designed to help populate LDC Annual Reports that will be submitted to the Ontario Energy Board (OEB) in September 2015.

2011-2014 Conservation Framework Highlights:

- LDCs have made significant achievements against dual energy and peak demand savings targets. Collectively, the LDCs have achieved 109% of the energy target and 70% of the peak demand target.
- Momentum has built as we transition to the Conservation First Framework. 2014 demonstrated an achievement of over 1 TWh of net incremental energy savings, positioning us well for average net incremental energy savings of 1.2 TWh required in the new framework to meet our 2020 CDM targets.
- Throughout the past framework, program results have become more predictable year over year as noted in the increasingly smaller variance between quarterly preliminary results and verified final results.
- Customer engagement continued to increase in both the Consumer and Business Programs. Between 2011 - 2014 consumers have purchased over 10 million energy efficient products through the saveONenergy COUPONS program. Customers in RETROFIT continue to declare a positive experience participating in the program with 86% likely to recommend.
- saveONenergy has seen a steady and significant increase in unaided brand awareness by 33% from 2011-2014
- Conservation is becoming even more cost-effective as programs become more efficient and effective. 2014 proved early investments in long lead time projects will pay off with the high savings now being realized in programs like PROCESS & SYSTEMS and RETROFIT. Within 4 cents per kWh, Conservation programs continue to be a valuable and cost effective resource for customers across the province.

The 2011-2014 Final Results within this report vary from the Draft 2011-2014 Final Results Report for the following reasons:

- Savings from Time of Use pricing are included in the Final Results Report. Overall the province saved 55 MWs from Time-of-Use pricing in 2014, or 0.73% of residential summer peak demand.
- Between August 4th and August 28th, the IESO and LDCs have worked collaboratively to reconcile projects from 2011-2014 Final Results Report to ensure every eligible project was captured and accurately reported.
- Verified savings from Innovation Fund pilots are also included for participating LDCs.

All results will be considered final for the 2011-2014 Conservation Framework. Any additional program activity not captured in the 2011-2014 Final Results Report will not be included as part of a future adjustment process.

Please continue to monitor saveONenergy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and we look forward to the success ahead in the Conservation First Framework.

Sincerely,

Terry Young

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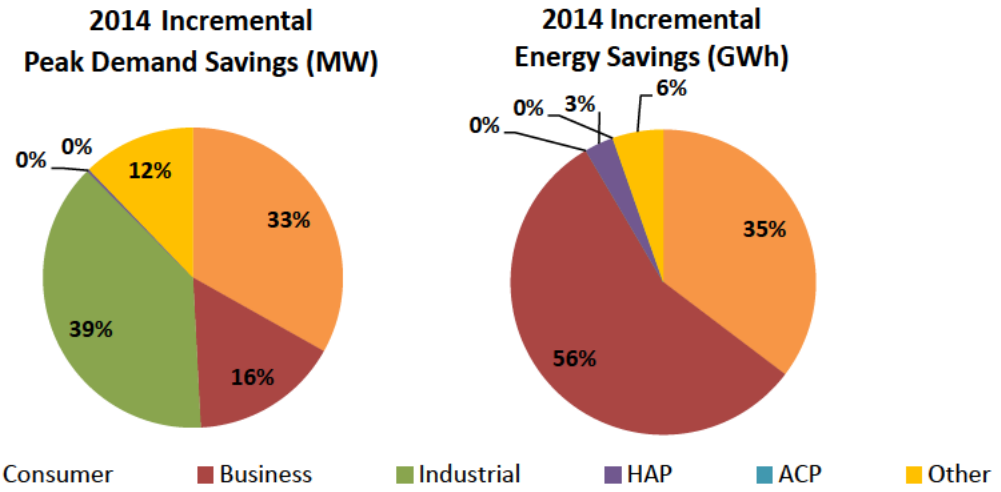
IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

LDC: Burlington Hydro Inc.

Final 2014 Achievement Against Targets	2014 Incremental	2011-2014 Achievement Against Target	% of Target Achieved
Net Annual Peak Demand Savings (MW)	7.9	13.4	**60.9%**
Net Energy Savings (GWh)	11.4	85.3	**103.5%**

Unless otherwise noted, results are presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Achievement by Sector



Comparison: LDC Achievement vs. LDC Community Achievement (Progress to Target)

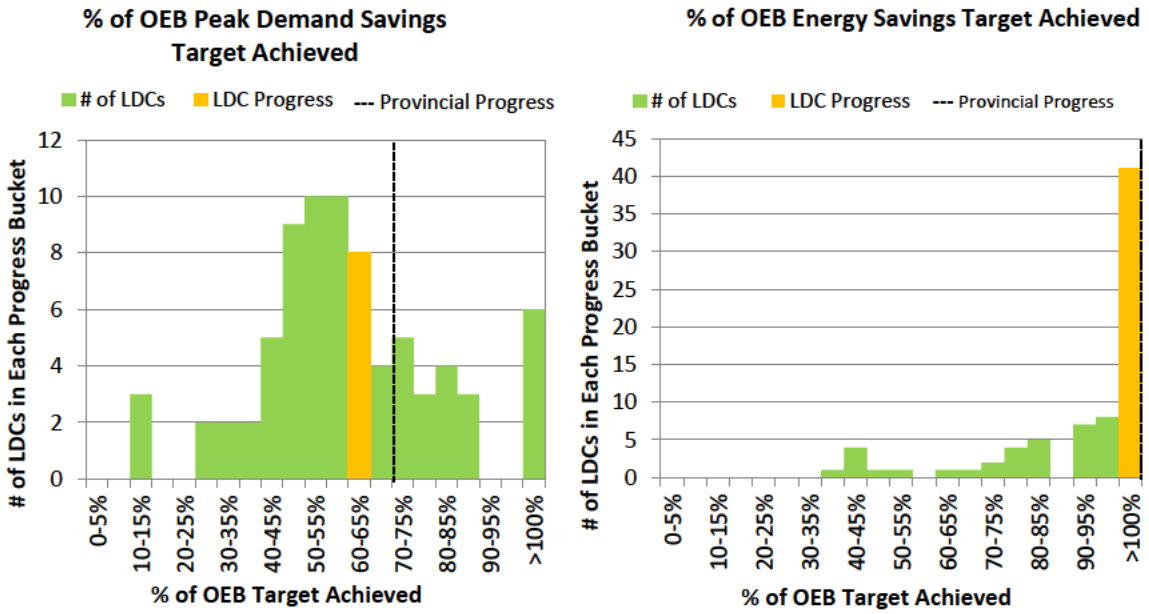


Table 1: Burlington Hydro Inc. Initiative and Program Level Net Savings by Year

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	985	563	283	281	54	32	18	19	390,644	228,275	122,741	124,110	122	2,616,384
Appliance Exchange	Appliances	32	67	64	57	3	10	13	12	3,367	17,000	23,644	21,058	36	130,758
HVAC Incentives	Equipment	2,265	2,313	2,221	2,826	715	478	429	546	1,270,156	787,618	710,487	1,001,825	2,167	9,866,277
Conservation Instant Coupon Booklet	Items	7,150	425	4,787	14,526	17	3	7	30	269,806	19,235	106,031	395,701	57	1,744,689
Bi-Annual Retailer Event	Items	13,098	14,594	12,997	66,373	23	20	16	111	404,274	368,427	236,338	1,690,736	170	4,885,792
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	620	2,768	3,829	4,964	347	1,275	1,425	1,746	899	9,589	5,349	0	1,746	15,837
Residential Demand Response (IHD)	Devices	0	2,301	3,326	4,472	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer Program Total						**1,159**	**1,818**	**1,908**	**2,463**	**2,339,146**	**1,430,144**	**1,204,589**	**3,233,431**	**4,298**	**19,259,737**
Business Program															
Retrofit	Projects	38	114	161	185	295	1,307	911	751	1,495,230	6,454,935	3,750,880	4,672,154	3,176	37,110,120
Direct Install Lighting	Projects	114	88	25	54	112	61	31	53	289,029	233,972	104,959	212,175	237	2,220,158
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Energy Audit	Audits	5	9	39	4	0	16	282	53	0	75,529	1,550,425	261,094	351	3,588,530
Small Commercial Demand Response	Devices	0	0	296	444	0	0	189	249	0	0	0	0	249	0
Small Commercial Demand Response (IHD)	Devices	0	0	130	250	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	0	0	1	2	0	0	22	82	0	0	381	0	82	381
Business Program Total						**407**	**1,384**	**1,435**	**1,190**	**1,784,258**	**6,764,436**	**5,406,644**	**5,145,424**	**4,096**	**42,919,189**
Industrial Program															
Process & System Upgrades	Projects	0	0	1	0	0	0	27	0	0	0	261,790	0	27	523,580
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retrofit	Projects	13	0	0	0	76	0	0	0	388,884	0	0	0	76	1,555,536
Demand Response 3	Facilities	1	4	7	9	817	1,538	2,774	2,851	47,936	37,071	80,833	0	2,851	165,840
Industrial Program Total						**893**	**1,538**	**2,801**	**2,851**	**436,820**	**37,071**	**342,623**	**0**	**2,953**	**2,244,955**
Home Assistance Program															
Home Assistance Program	Homes	0	0	416	551	0	0	29	20	0	0	397,788	283,424	48	1,067,181
Home Assistance Program Total						**0**	**0**	**29**	**20**	**0**	**0**	**397,788**	**283,424**	**48**	**1,067,181**
Aboriginal Program															
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	71	0	0	0	459	0	0	0	2,715,719	0	0	0	459	10,862,875
High Performance New Construction	Projects	1	2	2	0	14	20	0	0	74,195	1,506	0	0	35	301,300
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total						**474**	**20**	**0**	**0**	**2,789,914**	**1,506**	**0**	**0**	**494**	**11,164,175**
Other															
Program Enabled Savings	Projects	2	1	0	1	0	0	0	0	0	0	0	492,721	0	492,721
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	904	0	0	0	0	904	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total						**0**	**0**	**0**	**904**	**0**	**0**	**0**	**492,721**	**904**	**492,721**
Adjustments to 2011 Verified Results							**-21**	**39**	**1**		**181,650**	**190,792**	**3,666**	**5**	**1,464,421**
Adjustments to 2012 Verified Results								**137**	**21**			**679,012**	**132,677**	**158**	**2,435,068**
Adjustments to 2013 Verified Results									**407**				**2,111,908**	**407**	**4,230,328**
Energy Efficiency Total						**1,769**	**1,947**	**1,762**	**2,499**	**7,301,303**	**8,186,497**	**7,265,081**	**9,155,000**	**7,865**	**76,965,900**
Demand Response Total (Scenario 1)						**1,164**	**2,813**	**4,410**	**4,929**	**48,835**	**46,660**	**86,563**	**0**	**4,929**	**182,058**
Adjustments to Previous Years' Verified Results Total						**0**	**-21**	**176**	**429**	**0**	**181,650**	**869,804**	**2,248,251**	**571**	**8,129,817**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**2,932**	**4,739**	**6,349**	**7,857**	**7,350,138**	**8,414,807**	**8,221,448**	**11,403,251**	**13,364**	**85,277,775**
													Full OEB Target:	**21,950**	**82,370,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**60.9%**	**103.5%**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 2: Adjustments to Burlington Hydro Inc. Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-419	42	111		-110	8	23		-195,155	16,238	37,589		-79	-656,727
Conservation Instant Coupon Booklet	Items	113	0	14		0	0	0		3,792	0	324		0	15,816
Bi-Annual Retailer Event	Items	1,126	0	0		1	0	0		30,036	0	0		1	120,145
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total						**-108**	**8**	**23**		**-161,326**	**16,238**	**37,913**		**-77**	**-520,765**
Business Program															
Retrofit	Projects	4	11	18		42	31	159		207,471	223,512	1,127,717		230	3,749,344
Direct Install Lighting	Projects	32	0	3		31	0	3		84,376	0	14,282		20	326,058
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	0	1		0	0	69		0	0	390,891		69	781,783
Energy Audit	Audits	3	6	7		16	33	62		79,195	158,744	340,409		111	1,473,829
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						**89**	**64**	**293**		**371,043**	**382,256**	**1,873,299**		**430**	**6,331,013**
Industrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	0	0		0	0	0		0	0	0		0	0
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						**0**	**0**	**0**		**0**	**0**	**0**		**0**	**0**
Home Assistance Program															
Home Assistance Program	Homes	0	0	2		0	0	0		0	0	2,230		0	4,461
Home Assistance Program Total						**0**	**0**	**0**		**0**	**0**	**2,230**		**0**	**4,461**
Aboriginal Program															
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						**0**	**0**	**0**		**0**	**0**	**0**		**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0		0	0	0		0	0
High Performance New Construction	Projects	0	1	2		-1	19	93		-24,400	95,016	204,978		110	597,402
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						**-1**	**19**	**93**		**-24,400**	**95,016**	**204,978**		**110**	**597,402**
Other															
Program Enabled Savings	Projects	2	1	0		39	68	0		190,792	318,179	0		107	1,717,706
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						**39**	**68**	**0**		**190,792**	**318,179**	**0**		**107**	**1,717,706**
Adjustments to 2011 Verified Results						**19**				**376,108**				**5**	**1,464,421**
Adjustments to 2012 Verified Results							**158**				**811,689**			**158**	**2,435,068**
Adjustments to 2013 Verified Results								**409**				**2,118,420**		**407**	**4,230,328**
Total Adjustments to Previous Years' Verified Results						**19**	**158**	**409**		**376,108**	**811,689**	**2,118,420**		**571**	**8,129,817**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 3: Burlington Hydro Inc. Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	n/a	n/a	0.50	0.47	0.42	0.42	1.00	1.00	n/a	n/a	0.51	0.47	0.44	0.44
Appliance Exchange	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0 53	0.53
HVAC Incentives	1.00	1.00	n/a	1.00	0.61	0.50	0.48	0.51	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.71	1.00	1.00	1.00	1.00	1.12	1.05	1.13	1.74
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.13	0.91	1.04	1.74	1.00	1.00	1.00	1.00	1.10	0.92	1 04	1.75
Retailer Co-op	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Business Program																
Retrofit	0.91	0.95	0.93	0.81	0.74	0.77	0.72	0.72	1.19	1.08	1.01	0.99	0.77	0.77	0.73	0.72
Direct Install Lighting	1.08	0.68	0.81	0.78	0.93	0.94	0.94	0.94	0.90	0.85	0.84	0.83	0.93	0.94	0 94	0.94
Building Commissioning	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Construction	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	0.35	n/a	n/a	n/a	0.94	n/a	n/a	n/a	0.39	n/a	n/a	n/a	0 93	n/a
Monitoring & Targeting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Manager	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Retrofit																
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	n/a	n/a	1.09	1.01	n/a	n/a	1.00	1.00	n/a	n/a	0.88	0.75	n/a	n/a	1 00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.83	n/a	n/a	n/a	0.55	n/a	n/a	n/a	0.85	n/a	n/a	n/a	0.56	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0 50	0.50
Toronto Comprehensive	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other																
Program Enabled Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.94	n/a	n/a	n/a	1.00
Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Achievement Against CDM Targets

Results are recognized using current IESO reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year (Scenario 1). Please see methodology tab for more detailed information.

Table 4: Net Peak Demand Savings at the End User Level (MW) (Scenario 1)

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	2.9	1.8	1.8	1.7
2012 - Verified†	0.0	4.7	1.9	1.8
2013 - Verified†	0.0	0.2	6.3	1.9
2014 - Verified†	0.0	0.0	0.4	7.9
Verified Net Annual Peak Demand Savings Persisting in 2014:				**13.4**
Burlington Hydro Inc. 2014 Annual CDM Capacity Target:				**22.0**
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				**60.9%**

Table 5: Net Energy Savings at the End User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	7.4	7.3	7.3	7.2	29.2
2012 - Verified†	0.2	8.4	8.2	8.1	24.9
2013 - Verified†	0.2	0.9	8.2	8.1	17.4
2014 - Verified†	0.0	0.1	2.26	11.4	13.8
Verified Net Cumulative Energy Savings 2011-2014:					**85.3**
Burlington Hydro Inc. 2011-2014 Annual CDM Energy Target:					**82.4**
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					**103.5%**

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 6: Province-Wide Initiatives and Program Level Net Savings by Year (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146	20,952	22,563	3,299	2,011	1,433	1,617	23,005,812	13,424,518	8,713,107	9,497,343	8,221	159,100,415
Appliance Exchange	Appliances	3,688	3,836	5,337	5,685	371	556	1,106	1,178	450,187	974,621	1,971,701	2,100,266	2,973	10,556,192
HVAC Incentives	Equipment	92,748	87,540	96,286	113,002	32,037	19,060	19,552	23,106	59,437,670	32,841,283	33,923,592	42,888,217	93,755	447,009,930
Conservation Instant Coupon Booklet	Items	567,678	30,891	347,946	1,208,108	1,344	230	517	2,440	21,211,537	1,398,202	7,707,573	32,802,537	4,531	137,258,436
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772	4,824,751	1,681	1,480	1,184	8,043	29,387,468	26,781,674	17,179,841	122,902,769	12,389	355,157,348
Retailer Co-op	Items	152	0	0	0	0	0	0	0	2,652	0	0	0	0	10,607
Residential Demand Response	Devices	19,550	98,388	171,733	241,381	10,947	49,038	93,076	117,513	24,870	359,408	390,303	8,379	117,513	782,960
Residential Demand Response (IHD)	Devices	0	49,689	133,657	188,577	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	27	21	279	2,367	0	2	18	369	743	17,152	163,690	2,330,865	390	2,712,676
Consumer Program Total						**49,681**	**72,377**	**116,886**	**154,267**	**133,520,941**	**75,796,859**	**70,049,807**	**212,530,376**	**239,772**	**1,112,588,565**
Business Program															
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						**64,617**	**98,221**	**107,261**	**133,319**	**198,124,253**	**381,415,230**	**430,423,659**	**600,176,121**	**332,769**	**3,358,699,887**
Industrial Program															
Process & System Upgrades	Projects	0	0	5	10	0	0	294	9,692	0	0	2,603,764	72,053,255	9,986	77,260,782
Monitoring & Targeting	Projects	0	1	3	5	0	0	0	102	0	0	0	502,517	102	502,517
Energy Manager	Projects	1	132	306	379	0	1,086	3,558	5,191	0	7,372,108	21,994,263	40,436,427	8,384	95,324,998
Retrofit	Projects	433	0	0	0	4,615	0	0	0	28,866,840	0	0	0	4,613	115,462,282
Demand Response 3	Facilities	124	185	281	336	52,484	74,056	162,543	166,082	3,080,737	1,784,712	4,309,160	0	166,082	9,174,609
Industrial Program Total						**57,098**	**75,141**	**166,395**	**181,066**	**31,947,577**	**9,156,820**	**28,907,187**	**112,992,199**	**189,168**	**297,725,188**
Home Assistance Program															
Home Assistance Program	Homes	46	5,920	29,654	25,424	2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Home Assistance Program Total						**2**	**566**	**2,361**	**2,466**	**39,283**	**5,442,232**	**20,987,275**	**19,582,658**	**5,370**	**77,532,571**
Aboriginal Program															
Home Assistance Program	Homes	0	0	717	1,125	0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						**0**	**0**	**267**	**549**	**0**	**0**	**1,609,393**	**3,101,207**	**816**	**6,319,993**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,028	0	0	0	21,662	0	0	0	121,138,219	0	0	0	21,662	484,552,876
High Performance New Construction	Projects	182	73	19	3	5,098	3,251	772	134	26,185,591	11,901,944	3,522,240	688,738	9,255	148,181,415
Toronto Comprehensive	Projects	577	15	4	5	15,805	0	0	281	86,964,886	0	0	2,479,840	16,086	350,339,385
Multifamily Energy Efficiency Rebates	Projects	110	0	0	0	1,981	0	0	0	7,595,683	0	0	0	1,981	30,382,733
LDC Custom Programs	Projects	8	0	0	0	399	0	0	0	1,367,170	0	0	0	399	5,468,679
Pre-2011 Programs completed in 2011 Total						**44,945**	**3,251**	**772**	**415**	**243,251,550**	**11,901,944**	**3,522,240**	**3,168,578**	**49,382**	**1,018,925,088**
Other															
Program Enabled Savings	Projects	33	71	46	43	0	2,304	3,692	5,500	0	1,188,362	4,075,382	19,035,337	11,496	30,751,187
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
LDC Pilots	Projects	0	0	0	1,174	0	0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
Other Total						**0**	**2,304**	**3,692**	**61,466**	**0**	**1,188,362**	**4,075,382**	**24,096,859**	**67,462**	**35,812,709**
Adjustments to 2011 Verified Results							**1,406**	**641**	**1,418**		**18,689,081**	**1,736,381**	**7,319,857**	**3,215**	**110,143,550**
Adjustments to 2012 Verified Results								**6,260**	**9,221**			**41,947,840**	**37,080,215**	**15,401**	**238,780,637**
Adjustments to 2013 Verified Results									**24,391**				**150,785,808**	**24,391**	**296,465,211**
Energy Efficiency Total						**136,610**	**109,191**	**117,536**	**224,457**	**603,144,419**	**482,474,435**	**554,528,447**	**975,639,300**	**575,647**	**5,896,382,612**
Demand Response Total (Scenario 1)						**79,733**	**142,670**	**280,099**	**309,091**	**3,739,185**	**2,427,011**	**5,046,495**	**8,698**	**309,091**	**11,221,389**
Adjustments to Previous Years' Verified Results Total						**0**	**1,406**	**6,901**	**35,030**	**0**	**18,689,081**	**43,684,221**	**195,185,880**	**43,006**	**645,389,397**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**216,343**	**253,267**	**404,536**	**568,578**	**606,883,604**	**503,590,526**	**603,259,163**	**1,170,833,878**	**927,745**	**6,552,993,397**
													Full OEB Target:	**1,330,000**	**6,000,000,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**70%**	**109%**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 7: Adjustments to Province-Wide Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-18,839	2,319	4,705		-5,270	479	1,037		-9,707,002	955,512	1,838,408		-3,754	-32,284,656
Conservation Instant Coupon Booklet	Items	8,216	0	1,050		16	0	2		275,655	0	23,571		18	1,149,763
Bi-Annual Retailer Event	Items	81,817	0	0		108	0	0		2,183,391	0	0		108	8,733,563
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	20	2	193		1	1	72		14,667	985	441,938		74	945,497
Consumer Program Total						**-5,145**	**480**	**1,111**		**-7,233,290**	**956,497**	**2,303,917**		**-3,555**	**-21,664,975**
Business Program															
Retrofit	Projects	312	876	961		3,208	7,233	11,961		16,266,129	42,498,052	78,146,280		22,056	347,545,386
Direct Install Lighting	Projects	444	197	51		501	204	46		1,250,388	736,541	164,667		620	7,158,143
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	15	29	72		850	1,304	2,241		3,604,553	4,825,774	8,636,179		4,401	46,187,216
Energy Audit	Audits	119	77	270		604	439	2,383		2,945,189	2,145,367	13,100,635		3,426	44,418,129
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						**5,162**	**9,181**	**16,631**		**24,066,259**	**50,205,734**	**100,047,761**		**30,503**	**385,148,444**
Industrial Program															
Process & System Upgrades	Projects	0	0	2		0	0	324		0	0	968,659		324	1,937,318
Monitoring & Targeting	Projects	0	1	3		0	0	54		0	528,000	639,348		54	2,862,696
Energy Manager	Projects	1	93	101		27	1,067	2,395		241,515	8,266,841	25,814,853		4,345	81,853,489
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						**27**	**1,067**	**2,774**		**241,515**	**8,794,841**	**27,422,860**		**4,723**	**61,215,516**
Home Assistance Program															
Home Assistance Program	Homes	0	887	2,898		0	222	791		0	1,316,749	4,321,794		1,009	12,515,300
Home Assistance Program Total						**0**	**222**	**791**		**0**	**1,316,749**	**4,321,794**		**1,009**	**8,581,177**
Aboriginal Program															
Home Assistance Program	Homes	0	0	133		0	0	134		0	0	563,715		134	1,127,430
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						**0**	**0**	**134**		**0**	**0**	**563,715**		**134**	**1,127,430**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	12	0	0		138	0	0		545,536	0	0		138	2,182,145
High Performance New Construction	Projects	37	4	15		1,507	363	-184		2,398,941	2,832,533	-993,596		1,686	16,106,171
Toronto Comprehensive	Projects	0	15	4		0	672	185		0	4,523,517	1,324,388		857	16,219,327
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						**1,645**	**1,035**	**2**		**2,944,477**	**7,356,050**	**330,792**		**2,682**	**11,104,528**
Other															
Program Enabled Savings	Projects	33	55	33		1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						**1,776**	**3,712**	**2,020**		**7,727,573**	**11,481,687**	**10,688,564**		**7,509**	**86,732,481**
Adjustments to 2011 Verified Results						**3,465**				**27,746,535**				**3,215**	**110,143,550**
Adjustments to 2012 Verified Results							**15,697**				**80,111,558**			**15,401**	**238,780,637**
Adjustments to 2013 Verified Results								**23,463**				**145,679,403**		**24,391**	**296,465,211**
Adjustments to Previous Years' Verified Results Total						**3,465**	**15,697**	**23,463**		**27,746,535**	**80,111,558**	**145,679,403**		**43,006**	**645,389,397**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 8: Province-Wide Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	1.00	1.00	0.51	0.46	0.42	0.45	1 00	1.00	1 00	1.00	0.46	0.47	0.44	0.47
Appliance Exchange	1.00	1.00	1.00	1.00	0.51	0.52	0 53	0.53	1 00	1.00	1 00	1.00	0.52	0 52	0.53	0 53
HVAC Incentives	1.00	1.00	1.00	1.00	0.60	0.50	0.48	0.48	1 00	1.00	1 00	1.00	0.50	0.49	0.48	0.48
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.69	1 00	1.00	1 00	1.00	1.00	1 05	1.13	1.73
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.12	0.91	1 04	1.74	1 00	1.00	1 00	1.00	0.91	0 92	1.04	1.75
Retailer Co-op	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	1.00	3.65	0.78	1.03	0.41	0.49	0.63	0.63	3.65	7.17	3 09	0.62	0.49	0.49	0.63	0.63
Business Program																
Retrofit	1.06	0.93	0.92	0.84	0.72	0.75	0.73	0.71	0 93	1.05	1 01	0.98	0.75	0.76	0.73	0.72
Direct Install Lighting	1.08	0.69	0.82	0.78	1.08	0.94	0 94	0.94	0.69	0.85	0 84	0.83	0.94	0 94	0.94	0 94
Building Commissioning	n/a	n/a	n/a	1.97	n/a	n/a	n/a	1.00	n/a	n/a	n/a	1.16	n/a	n/a	n/a	1 00
New Construction	0.50	0.98	0.68	0.71	0.50	0.49	0 54	0.54	0 98	0.99	0.76	0.79	0.49	0.49	0.54	0 54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0 97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	0.85	0.96	n/a	n/a	0 94	0.79	n/a	n/a	0 87	0.96	n/a	n/a	0.93	0 80
Monitoring & Targeting	n/a	n/a	n/a	0.59	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.36	n/a	n/a	n/a	1 00
Energy Manager	n/a	1.16	0.90	0.91	n/a	0.90	0 90	0.90	1.16	1.16	0 90	0.96	0.90	0 90	0.90	0 85
Retrofit	1.11	n/a	n/a	n/a	0.72	n/a	n/a	n/a	0 91	n/a	n/a	n/a	0.75	n/a	n/a	n/a
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	1.00	0.32	0.26	0.49	0.70	1.00	1 00	1.00	0 32	0.99	0 88	0.78	1.00	1 00	1.00	1 00
Aboriginal Program																
Home Assistance Program	n/a	n/a	0.05	0.15	n/a	n/a	1 00	1.00	n/a	n/a	0 95	0.97	n/a	n/a	1.00	1 00
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.80	n/a	n/a	n/a	0.54	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	n/a	0.49	0.50	0 50	0.50	1 00	1.00	1 00	n/a	0.50	0 50	0.50	0 50
Toronto Comprehensive	1.13	n/a	n/a	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	0.93	n/a	n/a	n/a	0.78	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	1.00	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other																
Program Enabled Savings	n/a	1.06	1.00	0.86	n/a	1.00	1 00	1.00	n/a	2.26	1 00	0.98	n/a	1 00	1.00	1 00
Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Provincial Progress Towards CDM Targets

Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

Implementation Period	Annual			
	2011	2012	2013	2014
2011	216.3	136.6	135.8	129.0
2012†	1.4	253.3	109.8	108.2
2013†	0.6	7.0	404.5	122.0
2014†	1.4	10.8	34.2	568.6
Verified Net Annual Peak Demand Savings in 2014:				**927.7**
2014 Annual CDM Capacity Target:				**1,330**
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				**69.8%**

Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011	606.9	603.0	601.0	582.3	2,393.1
2012†	18.7	503.6	498.4	492.6	1,513.3
2013†	1.7	44.4	603.3	583.4	1,232.8
2014†	7.3	44.8	191.0	1,170.8	1,413.9
Verified Net Cumulative Energy Savings 2011-2014:					**6,553.0**
2011-2014 Cumulative CDM Energy Target:					**6,000**
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					**109.2%**

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

EQUATIONS	
Prescriptive Measures and Projects	**Gross Savings = Activity * Per Unit Assumption** **Net Savings = Gross 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)**
Engineered and Custom Projects	**Gross Savings = Reported Savings * Realization Rate** **Net Savings = Gross 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)**
Demand Response	**Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio** **Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW** **All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR)**
Adjustments 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 cumulative effect of energy savings.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Consumer Program			
Appliance Retirement	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined using the verified 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.
Appliance Exchange	When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year that the exchange event occurred.	
HVAC Incentives	Results directly attributed to LDC based on customer postal code.	Savings are considered to begin in the year that the installation occurred.	

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Conservation Instant Coupon Booklet	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.	Peak demand and energy savings are determined using the verified 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.
Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the event occurs.	
Retailer Co-op	When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year of the home visit and installation date.	Peak demand and energy savings are determined using the verified 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.
Residential Demand Response	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists.	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any “snapback” in energy consumption experienced after the event. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system. Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case.	Savings are considered to begin in the year of the project completion date.	Peak demand and energy savings are determined using the verified 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.
Business Program			
Efficiency: Equipment Replacement	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 denied by LDC"); Please see page for Building type to Sector mapping.	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 these savings align with 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 factors such as free-ridership 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.e. lighting or non-lighting project, engineered/custom/prescriptive track).
	Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014)		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
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 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 and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application.	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 (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership and spillover (net).
New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	
Energy Audit	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 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 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 factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Commercial Demand Response (part of the Residential program schedule)	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.
Demand Response 3 (part of the Industrial program schedule)	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
Industrial Program			
Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application.	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 (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application.	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 (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership and spillover (net).
Energy Manager	Results are directly attributed to LDC based on LDC identified 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 Quarterly Report submitted by the energy manager.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&I program schedule)	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership 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.e. lighting or non-lighting project, engineered/custom/prescriptive track).
Demand Response 3	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Home Assistance Program			
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.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Aboriginal Program			
Aboriginal 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.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014 assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported. A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
High Performance New Construction	Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	
Toronto Comprehensive	Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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 factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation.		
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation.		

Consumer Program Allocation Methodology

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

Local Distribution Company	Allocation
Algoma Power Inc.	0.2%
Atikokan Hydro Inc.	0.0%
Attawapiskat Power Corporation	0.0%
Bluewater Power Distribution Corporation	0.6%
Brant County Power Inc.	0.2%
Brantford Power Inc.	0.7%
Burlington Hydro Inc.	1.4%
Cambridge and North Dumfries Hydro Inc.	1.0%
Canadian Niagara Power Inc.	0.5%
Centre Wellington Hydro Ltd.	0.1%
Chapleau Public Utilities Corporation	0.0%
COLLUS Power Corporation	0.3%
Cooperative Hydro Embrun Inc.	0.0%
E.L.K. Energy Inc.	0.2%
Enersource Hydro Mississauga Inc.	3.9%
ENTEGRUS	0.6%
ENWIN Utilities Ltd.	1.6%
Erie Thames Powerlines Corporation	0.4%
Espanola Regional Hydro Distribution Corporation	0.1%
Essex Powerlines Corporation	0.7%
Festival Hydro Inc.	0.3%
Fort Albany Power Corporation	0.0%
Fort Frances Power Corporation	0.1%
Greater Sudbury Hydro Inc.	1.0%
Grimsby Power Inc.	0.2%
Guelph Hydro Electric Systems Inc.	0.9%
Haldimand County Hydro Inc.	0.4%
Halton Hills Hydro Inc.	0.5%
Hearst Power Distribution Company Limited	0.1%
Horizon Utilities Corporation	4.0%
Hydro 2000 Inc.	0.0%
Hydro Hawkesbury Inc.	0.1%
Hydro One Brampton Networks Inc.	2.8%
Hydro One Networks Inc.	30.0%
Hydro Ottawa Limited	5.6%
Innisfil Hydro Distribution Systems Limited	0.4%
Kashechewan Power Corporation	0.0%
Kenora Hydro Electric Corporation Ltd.	0.1%
Kingston Hydro Corporation	0.5%
Kitchener-Wilmot Hydro Inc.	1.6%
Lakefront Utilities Inc.	0.2%

Lakeland Power Distribution Ltd.	0.2%
London Hydro Inc.	2.7%
Middlesex Power Distribution Corporation	0.1%
Midland Power Utility Corporation	0.1%
Milton Hydro Distribution Inc.	0.6%
Newmarket - Tay Power Distribution Ltd.	0.7%
Niagara Peninsula Energy Inc.	1.0%
Niagara-on-the-Lake Hydro Inc.	0.2%
Norfolk Power Distribution Inc.	0.3%
North Bay Hydro Distribution Limited	0.5%
Northern Ontario Wires Inc.	0.1%
Oakville Hydro Electricity Distribution Inc.	1.5%
Orangeville Hydro Limited	0.2%
Orillia Power Distribution Corporation	0.3%
Oshawa PUC Networks Inc.	1.2%
Ottawa River Power Corporation	0.2%
Parry Sound Power Corporation	0.1%
Peterborough Distribution Incorporated	0.7%
PowerStream Inc.	6.6%
PUC Distribution Inc.	0.9%
Renfrew Hydro Inc.	0.1%
Rideau St. Lawrence Distribution Inc.	0.1%
Sioux Lookout Hydro Inc.	0.1%
St. Thomas Energy Inc.	0.3%
Thunder Bay Hydro Electricity Distribution Inc.	0.9%
Tillsonburg Hydro Inc.	0.1%
Toronto Hydro-Electric System Limited	12.8%
Veridian Connections Inc.	2.4%
Wasaga Distribution Inc.	0.2%
Waterloo North Hydro Inc.	1.0%
Welland Hydro-Electric System Corp.	0.4%
Wellington North Power Inc.	0.1%
West Coast Huron Energy Inc.	0.1%
Westario Power Inc.	0.5%
Whitby Hydro Electric Corporation	0.9%
Woodstock Hydro Services Inc.	0.3%

Reporting Glossary

Annual: 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).

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011 - 2014). This concept does not apply to peak demand savings.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses).

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

Initiative: a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup).

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

Program: a group of initiatives that target a particular market sector (e.g. Consumer, Industrial).

Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

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.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

Table 11: Burlington Hydro Inc. Initiative and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	113	32	39	40	812,689	228,275	259,906	263,171
Appliance Exchange**	Appliances	6	10	25	22	6,532	17,000	44,922	40,009
HVAC Incentives	Equipment	1,179	950	874	1,144	2,116,229	1,593,939	1,479,505	2,107,917
Conservation Instant Coupon Booklet	Items	15	3	6	17	244,006	18,240	94,127	229,219
Bi-Annual Retailer Event	Items	21	22	16	64	370,045	401,999	226,178	966,469
Retailer Co-op	Items	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	347	1,275	1,425	1,746	899	9,589	5,349	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	0	0	0
Consumer Program Total		**1,680**	**2,292**	**2,384**	**3,034**	**3,550,400**	**2,269,042**	**2,109,988**	**3,606,786**
Business Program									
Retrofit	Projects	398	1,590	1,276	1,031	1,950,239	7,532,216	5,166,658	6,414,948
Direct Install Lighting	Projects	105	82	33	57	311,273	281,198	111,200	224,793
Building Commissioning	Buildings	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	0	0	0	0	0	0
Energy Audit	Audits	0	16	430	79	0	75,529	2,345,942	389,112
Small Commercial Demand Response	Devices	0	0	189	249	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	0	0	22	82	0	0	381	0
Business Program Total		**502**	**1,688**	**1,950**	**1,498**	**2,261,512**	**7,888,943**	**7,624,181**	**7,028,854**
Industrial Program									
Process & System Upgrades	Projects	0	0	28	0	0	0	281,494	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	0	0	0	0	0	0
Retrofit	Projects	103	0	0	0	511,584	0	0	0
Demand Response 3	Facilities	817	1,538	2,774	2,851	47,936	37,071	80,833	0
Industrial Program Total		**920**	**1,538**	**2,802**	**2,851**	**559,520**	**37,071**	**362,328**	**0**
Home Assistance Program									
Home Assistance Program	Homes	0	0	29	20	0	0	397,788	283,424
Home Assistance Program Total		**0**	**0**	**29**	**20**	**0**	**0**	**397,788**	**283,424**
Aboriginal Program									
Home Assistance Program	Homes	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	841	0	0	0	4,900,260	0	0	0
High Performance New Construction	Projects	29	40	0	0	148,391	3,012	0	0
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total		**870**	**40**	**0**	**0**	**5,048,651**	**3,012**	**0**	**0**
Other									
Program Enabled Savings	Projects	0	0	0	0	0	0	0	492,721
Time-of-Use Savings	Homes	0	0	0	904	0	0	0	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0
Other Total		**0**	**0**	**0**	**904**	**0**	**0**	**0**	**492,721**
Adjustments to 2011 Verified Results			**-47**	**39**	**1**		**294,543**	**190,792**	**5,402**
Adjustments to 2012 Verified Results				**159**	**41**			**759,265**	**243,028**
Adjustments to 2013 Verified Results					**669**				**3,243,615**
Energy Efficiency Total		**2,809**	**2,745**	**2,754**	**3,379**	**11,371,248**	**10,151,408**	**10,407,722**	**11,411,784**
Demand Response Total		**1,164**	**2,813**	**4,410**	**4,929**	**48,835**	**46,660**	**86,563**	**0**
Adjustments to Previous Years' Verified Results Total		**0**	**-47**	**198**	**711**	**0**	**294,543**	**950,057**	**3,492,045**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		**3,973**	**5,511**	**7,362**	**9,019**	**11,420,083**	**10,492,611**	**11,444,342**	**14,903,830**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

**Net results substituted for gross results due to unavailability of data

Table 12: Adjustments to Burlington Hydro Inc. Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-182	18	46		-325,601	33,005	78,298	
Conservation Instant Coupon Booklet	Items	0	0	0		3,521	0	284	
Bi-Annual Retailer Event	Items	2	0	0		32,653	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	0	0		0	0	0	
Consumer Program Total		**-180**	**18**	**46**		**-289,427**	**33,005**	**78,582**	
Business Program									
Retrofit	Projects	57	42	213		317,981	298,693	1,507,477	
Direct Install Lighting	Projects	33	0	3		90,870	0	15,131	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	0	0	128		0	0	723,873	
Energy Audit	Audits	16	31	94		75,529	162,384	515,071	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		**106**	**73**	**440**		**484,380**	**461,077**	**2,761,553**	
Industrial Program									
Process & System Upgrades	Projects	0	0	0		0	0	0	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	0		0	0	0	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		**0**	**0**	**0**		**0**	**0**	**0**	
Home Assistance Program									
Home Assistance Program	Homes	0	0	0		0	0	2,230	
Home Assistance Program Total		**0**	**0**	**0**		**0**	**0**	**2,230**	
Aboriginal Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		**0**	**0**	**0**		**0**	**0**	**0**	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0	
High Performance New Construction	Projects	27	0	186		99,590	190,032	409,956	
Toronto Comprehensive	Projects	0	0	0		0	0	0	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		**27**	**0**	**186**		**99,590**	**190,032**	**409,956**	
Other									
Program Enabled Savings	Projects	39	68	0		190,792	318,179	0	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		**39**	**68**	**0**		**190,792**	**318,179**	**0**	
Adjustments to 2011 Verified Results		**-8**				**485,335**			
Adjustments to 2012 Verified Results			**159**				**1,002,293**		
Adjustments to 2013 Verified Results				**672**				**3,252,320**	
Total Adjustments to Previous Years' Verified Results		**-8**	**159**	**672**		**485,335**	**1,002,293**	**3,252,320**	

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

Table 13: Province-Wide Initiatives and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	6,750	2,011	3,151	3,579	45,971,627	13,424,518	18,616,239	20,315,770
Appliance Exchange**	Appliances	719	556	2,101	2,238	873,531	974,621	3,746,106	3,990,372
HVAC Incentives	Equipment	53,209	38,346	40,418	48,467	99,413,430	66,929,213	71,225,037	90,274,814
Conservation Instant Coupon Booklet	Items	1,184	231	464	1,442	19,192,453	1,325,898	6,842,244	19,000,254
Bi-Annual Retailer Event	Items	1,504	1,622	1,142	4,626	26,899,265	29,222,072	16,441,329	70,254,471
Retailer Co-op	Items	0	0	0	0	3,917	0	0	0
Residential Demand Response	Devices	10,390	49,038	93,076	117,513	23,597	359,408	390,303	8,379
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	1	29	587	1,813	4,884	259,826	3,699,786
Consumer Program Total		**73,757**	**91,805**	**140,380**	**178,452**	**192,379,633**	**112,240,615**	**117,521,084**	**207,543,846**
Business Program									
Retrofit	Projects	34,201	78,965	82,896	98,849	184,070,265	387,817,248	478,410,896	642,515,421
Direct Install Lighting	Projects	22,155	20,469	19,807	24,794	65,777,197	68,896,046	68,140,249	89,528,509
Building Commissioning	Buildings	0	0	0	988	0	0	0	1,513,377
New Construction	Buildings	247	1,596	2,934	11,911	823,434	3,755,869	9,183,826	37,742,970
Energy Audit	Audits	0	1,450	4,283	9,367	0	7,049,351	23,386,108	46,012,517
Small Commercial Demand Response	Devices	55	187	773	2,116	131	1,068	373	319
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	21,390	19,389	23,706	23,380	633,421	281,823	346,659	0
Business Program Total		**78,048**	**122,056**	**134,399**	**171,405**	**251,304,448**	**467,801,406**	**579,468,111**	**817,313,113**
Industrial Program									
Process & System Upgrades	Projects	0	0	313	12,287	0	0	2,799,746	90,463,617
Monitoring & Targeting	Projects	0	0	0	102	0	0	0	502,517
Energy Manager	Projects	0	1,034	3,953	5,767	0	7,067,535	24,438,070	44,929,364
Retrofit	Projects	6,372	0	0	0	38,412,408	0	0	0
Demand Response 3	Facilities	176,180	74,056	162,543	166,082	4,243,958	1,784,712	4,309,160	0
Industrial Program Total		**182,552**	**75,090**	**166,809**	**184,238**	**42,656,366**	**8,852,247**	**31,546,976**	**135,895,498**
Home Assistance Program									
Home Assistance Program	Homes	4	1,777	2,361	2,466	56,119	5,524,230	20,987,275	19,582,658
Home Assistance Program Total		**4**	**1,777**	**2,361**	**2,466**	**56,119**	**5,524,230**	**20,987,275**	**19,582,658**
Aboriginal Program									
Home Assistance Program	Homes	0	0	267	549	0	0	1,609,393	3,101,207
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		**0**	**0**	**267**	**549**	**0**	**0**	**1,609,393**	**3,101,207**
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	40,418	0	0	0	223,956,390	0	0	0
High Performance New Construction	Projects	10,197	6,501	772	268	52,371,183	23,803,888	3,522,240	1,377,475
Toronto Comprehensive	Projects	33,467	0	0	802	174,070,574	0	0	7,085,257
Multifamily Energy Efficiency Rebates	Projects	2,553	0	0	0	9,774,792	0	0	0
LDC Custom Programs	Projects	534	0	0	0	649,140	0	0	0
Pre-2011 Programs completed in 2011 Total		**87,169**	**6,501**	**772**	**1,070**	**460,822,079**	**23,803,888**	**3,522,240**	**8,462,733**
Other									
Program Enabled Savings	Projects	0	2,177	3,692	5,500	0	525,011	4,075,382	19,035,337
Time-of-Use Savings	Homes	0	0	0	54,795	0	0	0	0
LDC Pilots	Projects	0	0	0	1,170	0	0	0	5,061,522
Other Total		**0**	**2,177**	**3,692**	**60,296**	**0**	**525,011**	**4,075,382**	**19,035,337**
Adjustments to 2011 Verified Results			**13,266**	**645**	**1,601**		**48,705,294**	**20,581**	**6,028**
Adjustments to 2012 Verified Results				**8,632**	**13,449**			**54,301,893**	**59,098,939**
Adjustments to 2013 Verified Results					**34,727**				**206,413,158**
Energy Efficiency Total		**213,515**	**156,735**	**168,583**	**289,384**	**942,317,539**	**616,320,385**	**753,683,966**	**1,210,925,694**
Demand Response Total		**208,015**	**142,670**	**280,099**	**309,091**	**4,901,107**	**2,427,011**	**5,046,495**	**8,698**
Adjustments to Previous Years' Verified Results Total		**0**	**13,266**	**9,277**	**49,777**	**0**	**48,705,294**	**54,322,474**	**265,518,125**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		**421,530**	**312,671**	**457,958**	**648,252**	**947,218,646**	**667,452,690**	**813,052,934**	**1,476,452,516**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results
**Net results substituted for gross results due to unavailability of data

Table 14: Adjustments to Province-Wide Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-8,759	1,091	2,157		-16,241,086	1,952,473	3,873,449	
Conservation Instant Coupon Booklet	Items	15	0	1		255,975	0	20,668	
Bi-Annual Retailer Event	Items	117	0	0		2,373,616	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	1	1	115		330,093	2,009	701,488	
Consumer Program Total		**-8,628**	**1,092**	**2,273**		**-13,281,402**	**1,954,483**	**4,595,605**	
Business Program									
Retrofit	Projects	4,511	10,114	16,584		22,046,931	58,528,789	108,677,566	
Direct Install Lighting	Projects	541	217	49		1,346,618	781,858	174,460	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	3,287	2,673	4,151		11,323,593	9,884,305	15,992,924	
Energy Audit	Audits	656	488	3,631		2,391,744	2,386,374	19,822,524	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		**8,996**	**13,491**	**24,414**		**37,108,886**	**71,581,326**	**144,667,473**	
Industrial Program									
Process & System Upgrades	Projects	0	0	426		0	0	1,232,785	
Monitoring & Targeting	Projects	0	0	54		0	528,000	639,348	
Energy Manager	Projects	29	1,071	2,687		0	8,968,007	28,893,596	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		**29**	**1,071**	**3,168**		**0**	**9,496,007**	**30,765,729**	
Home Assistance Program									
Home Assistance Program	Homes	0	222	791		0	1,316,749	4,321,794	
Home Assistance Program Total		**0**	**222**	**791**		**0**	**1,316,749**	**4,321,794**	
Aboriginal Program									
Home Assistance Program	Homes	0	0	134		0	0	563,715	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		**0**	**0**	**134**		**0**	**0**	**563,715**	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	266	0	0		1,049,108	0	0	
High Performance New Construction	Projects	13,072	727	405		23,905,663	5,665,066	1,535,048	
Toronto Comprehensive	Projects	0	1,920	529		0	12,924,335	3,783,965	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		**13,337**	**2,647**	**934**		**24,954,771**	**18,589,400**	**5,319,013**	
Other									
Program Enabled Savings	Projects	1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		**1,776**	**3,712**	**2,020**		**1,673,712**	**11,481,687**	**10,688,564**	
Adjustments to 2011 Verified Results		**15,511**				**50,455,967**			
Adjustments to 2012 Verified Results			**22,235**				**114,419,652**		
Adjustments to 2013 Verified Results				**33,734**				**200,921,892**	
Adjustments to Previous Years' Verified Results Total		**15,511**	**22,235**	**33,734**		**50,455,967**	**114,419,652**	**200,921,892**	

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

Final 2015 Annual Verified Results Report
Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2016

The IESO is pleased to provide the Final 2015 Annual Verified Results Report including final 2015 Project Lists and EM&V Key Findings & FAQs. Collectively LDCs achieved 1.1 TWh of energy savings persisting to 2020 – representing 16% of the 7 TWh target. These results were achieved through both Legacy Framework and Conservation First Framework (CFF) programs. The results indicate a smooth transition between frameworks and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

The IESO remains committed to supporting LDCs in the delivery of conservation programs and 2015 marked some significant milestones, including the completion and approval of over 40 CDM plans and the implementation of 14 pilot programs and 5 local programs. Other highlights include:

- Business sector accounted for 79% of the net energy savings persisting to 2020 with the remainder 21% through the Residential sector.
- The Coupons program shifted toward ENERGY STAR® rated LED lighting, accounting for roughly 90% of coupons redeemed.
- The Retrofit program participation increased nearly 20%, and net energy savings increased by over 50% over 2014 results. Net-to-gross adjustments are trending higher than previous years, minimum of a 75% net-to-gross in all regions.
- The Process & Systems Upgrades program achieved a 20% increase in Capital Incentive projects totalling 12 in all, including 4 Behind-the-Meter Generation, and a broad spectrum of industrial processes and end-uses.

2015 also marks the first year that regional and local net-to-gross values have been employed where possible in certain programs, providing LDCs with a more granular analysis on their individual results.

CFF provides many opportunities to support LDCs in achieving their energy targets and delivering value to customers. Through increased flexibility for LDCs to design and deliver programs based on local needs and fostering collaboration and innovation through enhanced program funding opportunities we are well positioned to achieve success in delivering effective conservation programs to all customers.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and as we look ahead to the remainder of 2016, the IESO will be focusing on improving its communication and support services to further enhance the participation in conservation programs for both LDCs and customers.

Please continue to monitor Save on Energy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final 2015 Annual Verified Results Report
Table of Contents

Final 2015 Annual Verified Results Report

How to use this 2015 Annual Verified Results Report

The IESO is pleased to provide you with the 2015 Annual Verified Results Report.

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

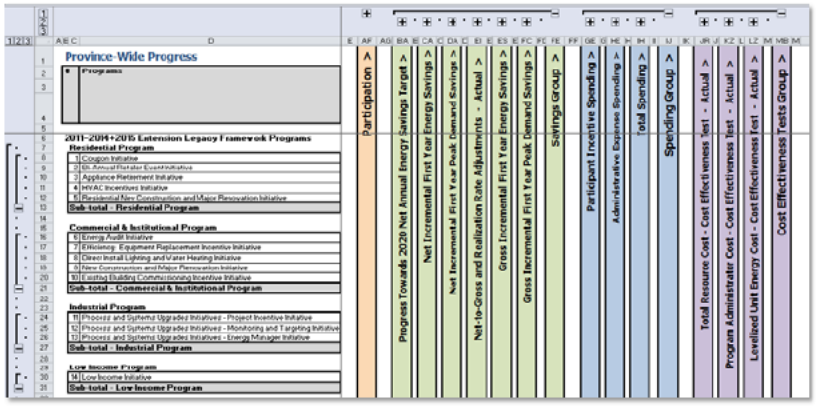
In addition to the above, this report also provides in greater detail:
1) program participation results including:
   a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);

2) program savings results including:
   a) net 2020 annual energy savings;
   b) allocated target, target achievement and progress towards target;
   c) incremental net first year energy savings;
   d) incremental net first year demand savings;
   e) annual net-to-gross and realization rate adjustments;
   f) incremental gross first year energy savings; and
   g) incremental gross first year 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 for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

by both the LDC specific level and the province-wide aggregated level.

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 including:
   a) total resource cost test;
   b) program administration cost test;
   c) levelized unit energy cost test;
   and for each test: i) benefits; ii) cost; iii) net benefit; iv) benefit ratio;
   will not be available for the 2015 program year in this report but will be provided to LDCs in August 2016.

2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on LDC submitted and IESO received CDM Plan - Cost Effectiveness Tools as of May 16, 2016 (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 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;

Final 2015 Annual Verified Results Report
Summary

For: Burlington Hydro Inc.

Target Achievement

#	Metric	2015 Verified Results	2015-2020 Total CDM Plan Forecast	2015 Verified Results versus CDM Plan (%)	2015-2020 Total Allocated Target / Budget	2015 Verified Results versus Allocated Target / Budget (%)	LDC Ranking in the Province out of 75 (2015 Verified Results versus Allocated Target / Budget (%))
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	12,632.308	99,039.557	13	99,040.000	13	47
2	Total Spending ($)	118,667	25,825,522	0	25,825,521	0	25

Annual Results

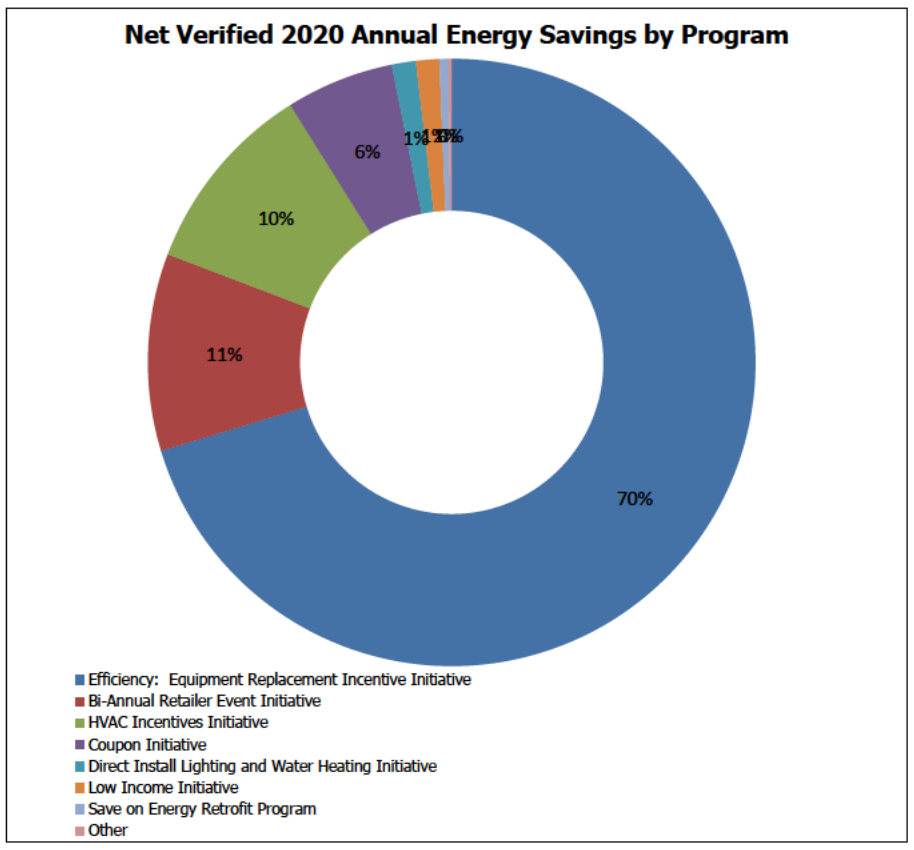
#	Metric	2015	2016	2017	2018	2019	2020	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	12,632.308						12,632.308
2	Net Verified Incremental First Year Energy Savings (MWh)	13,025.279						13,025.279
3	Total Spending ($)	118,667						118,667
4	Total Resource Cost Test (Ratio)	n/a						n/a
5	Program Administrator Cost Test (Ratio)	n/a						n/a
6	Levelized Unit Energy Cost Result ($/kWh)	n/a						n/a

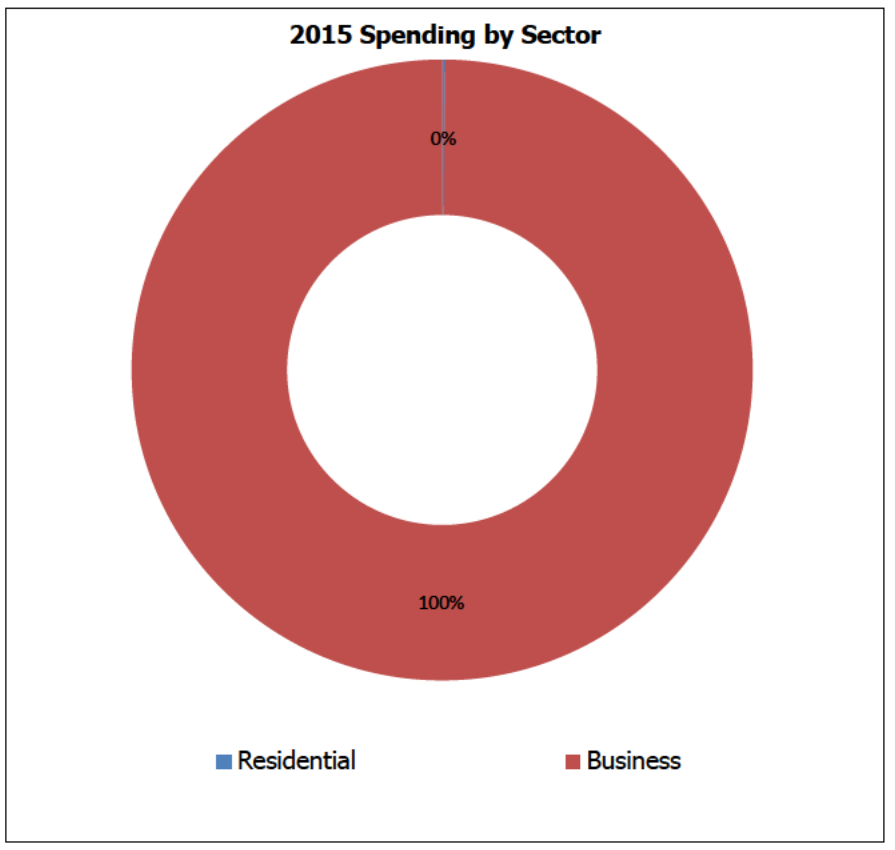
Annual Full Cost Recovery Progress

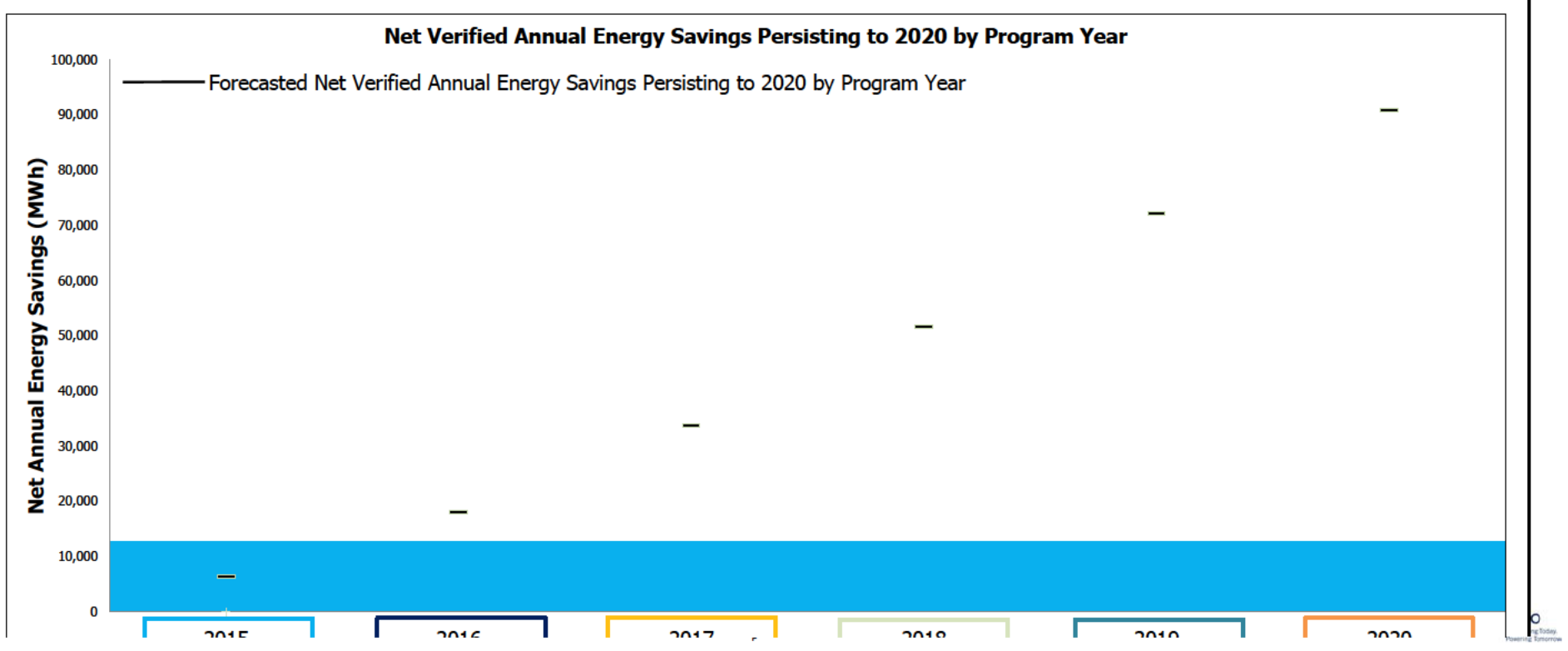
#	Metric	Result
1	Net Verified 2015 Annual Energy Savings from Full Cost Recovery Programs (MWh)	13,025.279
2	Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh)	8,222.987
3	Annual Full Cost Recovery Progress (%)	158

Budget Progress

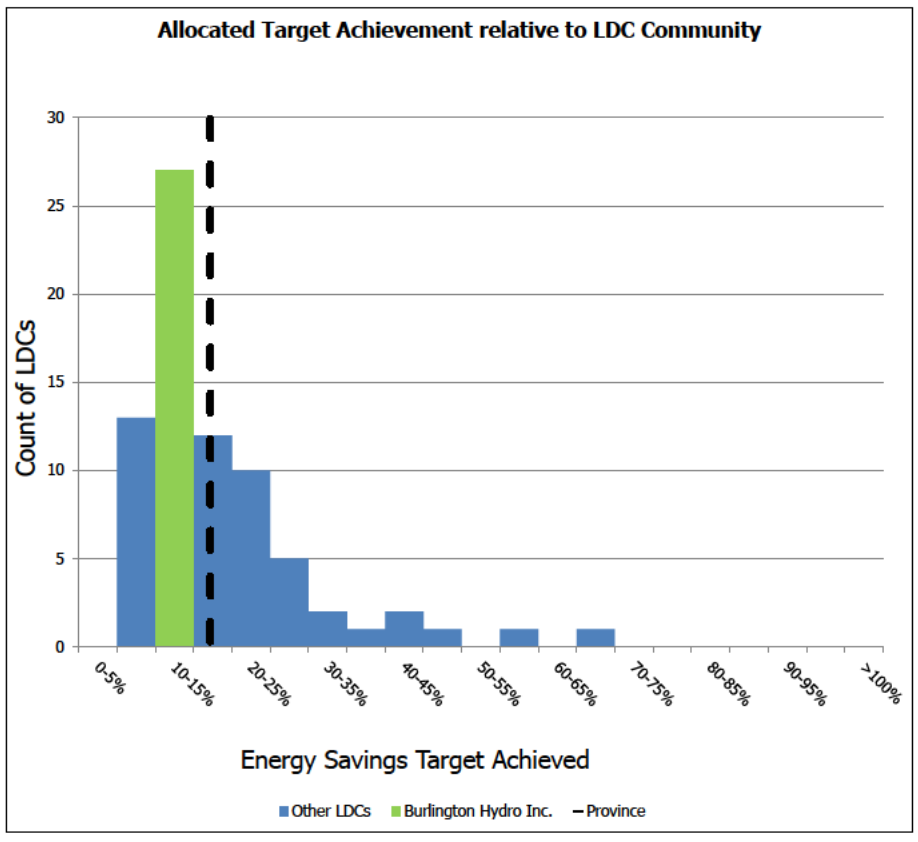
#	Metric	Result
1	2015 Spending ($)	118,667
2	2015 CDM Plan Budget ($)	978,376
3	CDM Plan Budget Progress (%)	12

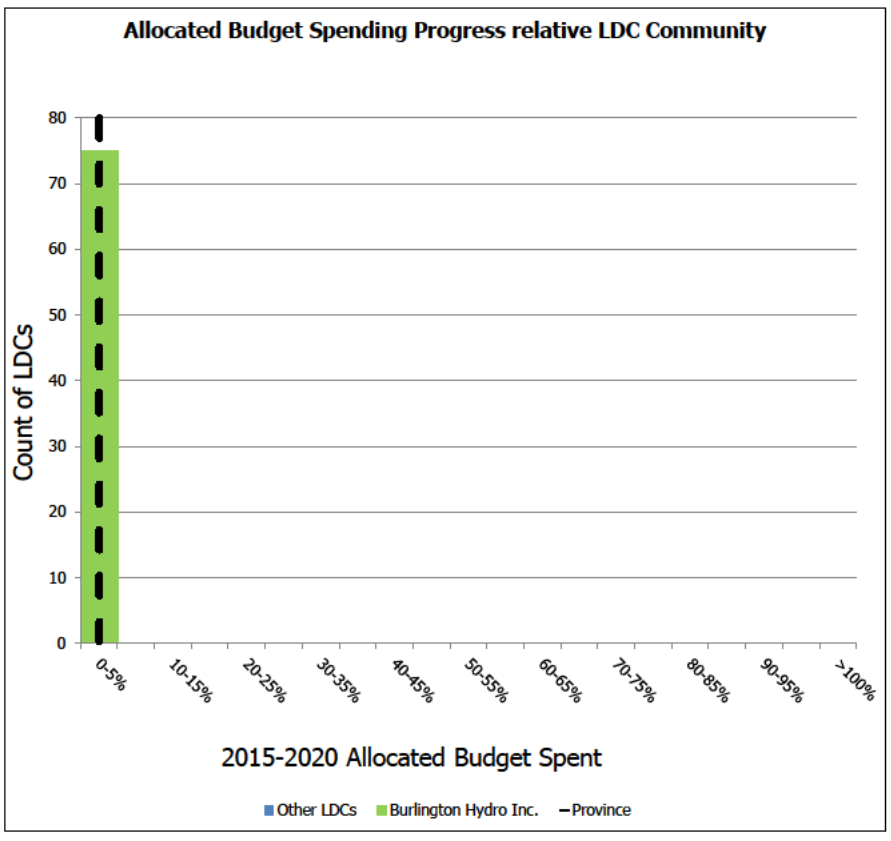






2015 2016 2017 2018 2019 2020





Burlington Hydro Inc. Progress

#	Programs	Participation >	Progress Towards 2020 Net Annual Energy Savings Target >	Net Incremental First Year Energy Savings >	Net Incremental First Year Peak Demand Savings >	Net-to-Gross and Realization Rate Adjustments - Actual >	Gross Incremental First Year Energy Savings >	Gross Incremental First Year Peak Demand Savings >	Savings Group >	Participant Incentive Spending >	Administrative Expense Spending >	Total Spending >	Spending Group >	Total Resource Cost - Cost Effectiveness Test - Actual >	Program Administrator Cost - Cost Effectiveness Test - Actual >	Levelized Unit Energy Cost - Cost Effectiveness Test - Actual >	Cost Effectiveness Tests Group >
2011-2014+2015 Extension Legacy Framework Programs																	
Residential Program																	
1	Coupon Initiative																
2	Bi-Annual Retailer Event Initiative																
3	Appliance Retirement Initiative																
4	HVAC Incentives Initiative																
5	Residential New Construction and Major Renovation Initiative																
Sub-total - Residential Program																	
Commercial & Institutional Program																	
6	Energy Audit Initiative																
7	Efficiency: Equipment Replacement Incentive Initiative																
8	Direct Install Lighting and Water Heating Initiative																
9	New Construction and Major Renovation Initiative																
10	Existing Building Commissioning Incentive Initiative																
Sub-total - Commercial & Institutional Program																	
Industrial Program																	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative																
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative																
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative																
Sub-total - Industrial Program																	
Low Income Program																	
14	Low Income Initiative																
Sub-total - Low-Income Program																	
Pilot Program																	
15	Loblaws Pilot																
16	Social Benchmarking Pliot																
17	Conservation Fund Pilot - SEG																
18	Conservation Fund Pilot - EnerNOC																
Sub-total - Pilot Program																	
Other																	
19	Aboriginal Conservation Program																
20	Program Enabled Savings																
21	Adjustments to 2015 Legacy Framework Verified Results																
Sub-total - Other																	
Sub-total - 2011-2014+2015 Extension Legacy Framework																	
2015-2020 Conservation First Framework Programs																	
Residential Province-Wide Program																	
22	Save on Energy Coupon Program																
23	Save on Energy Heating and Cooling Program																
24	Save on Energy New Construction Program																
25	Save on Energy Home Assistance Program																
Sub-total - Residential Province-Wide Program																	
Business Province-Wide Program																	
26	Save on Energy Audit Funding Program																
27	Save on Energy Retrofit Program																
28	Save on Energy Small Business Lighting Program																
29	Save on Energy High Performance New Construction Program																
30	Save on Energy Existing Building Commissioning Program																

31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program

34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program

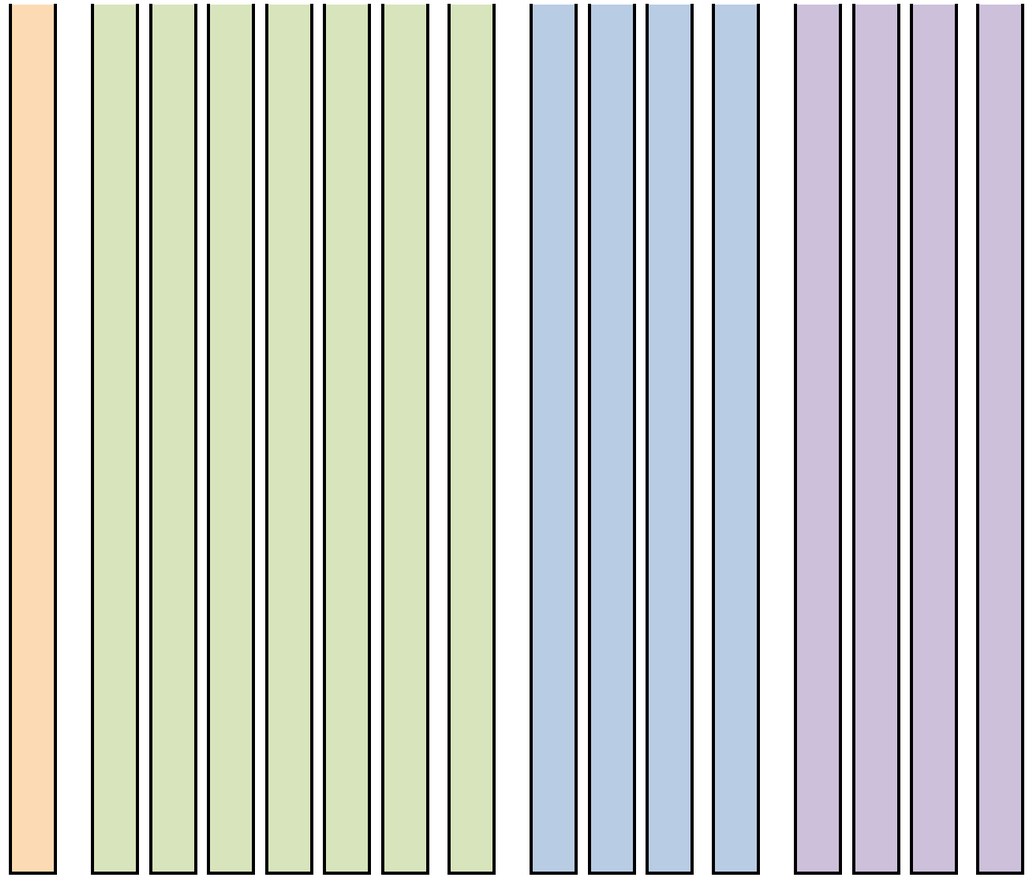
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Cor
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricult
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other

51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total



Province-Wide Progress

#	Programs	Participation >	Progress Towards 2020 Net Annual Energy Savings Target >	Net Incremental First Year Energy Savings >	Net Incremental First Year Peak Demand Savings >	Net-to-Gross and Realization Rate Adjustments - Actual >	Gross Incremental First Year Energy Savings >	Gross Incremental First Year Peak Demand Savings >	Savings Group >	Participant Incentive Spending >	Administrative Expense Spending >	Total Spending >	Spending Group >	Total Resource Cost - Cost Effectiveness Test - Actual >	Program Administrator Cost - Cost Effectiveness Test - Actual >	Levelized Unit Energy Cost - Cost Effectiveness Test - Actual >	Cost Effectiveness Tests Group >
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Sub-total - Pilot Program																	
Other																	
19	Aboriginal Conservation Program																
20	Program Enabled Savings																
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Sub-total - Other																	
Sub-total - 2011-2014+2015 Extension Legacy Framework																	
2015-2020 Conservation First Framework Programs																	
Residential Province-Wide Program																	
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Sub-total - Residential Province-Wide Program																	
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31	Save on Energy Process & Systems Upgrades Program																

32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program

34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program

37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Cor
38	EnWin Utilities Ltd. - Building Optimization Pilot
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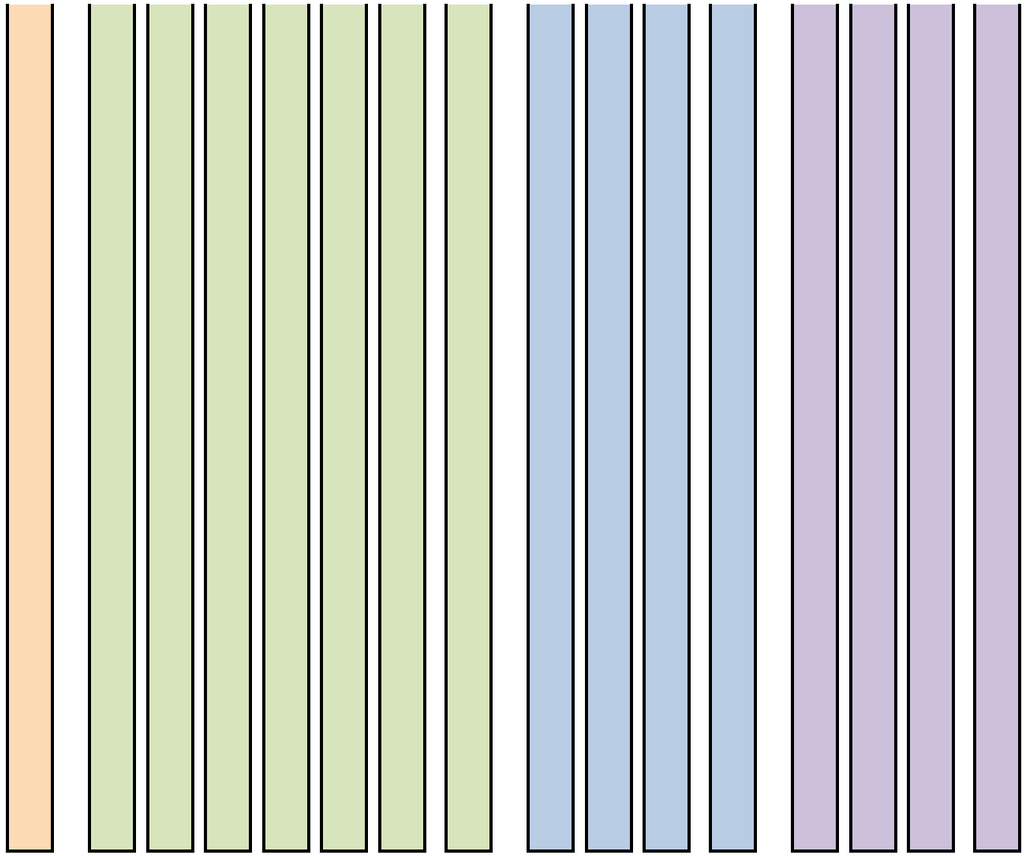
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other

51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total



Final 2015 Annual Verified Results Report

IESO Value Added Services Costs (as of March 31, 2016)

#	Reporting Level	Program	Unit of Measure	Units (#) 2015	2016	2017	2018	2019	2020	Total	Administrative Expenses ($) 2015	2016	2017	2018	2019	2020	Total
1	Burlington Hydro Inc.	Save on Energy Coupon Program	Coupons	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**
2		Save on Energy Heating and Cooling Program	Applications	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**
Total				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3	Province Wide	Save on Energy Coupon Program	Coupons	785,625	0	0	0	0	0	**785,625**	1,374,844	0	0	0	0	0	**1,374,844**
4		Save on Energy Heating and Cooling Program	Applications	20,446	0	0	0	0	0	**20,446**	265,798	0	0	0	0	0	**265,798**
Total				**806,071**	**0**	**0**	**0**	**0**	**0**	**806,071**	**1,640,642**	**0**	**0**	**0**	**0**	**0**	**1,640,642**

Final 2015 Annual Verified Results Report
Methodology

General

All results are at the end-user level (not including transmission and distribution losses) and are based on activity completed on or after January 1, 2015 and on or before December 31, 2015 and reported to IESO by March 31, 2016.

Savings Calculations

#	Project Type	Equations
1	Prescriptive Measures and Projects Programs	**Gross Reported Savings** = Activity * Per Un t Assumption Savings **Gross Verified Savings** = Gross 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)
2	Engineered and Custom Projects / Programs	**Gross Reported Savings** = Reported Savings **Gross Verified Savings** = Gross 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	Adjustments 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 w thin this report. Considers the annual effect of energy savings.

2011-2014+2015 Extension Legacy Framework Initiatives

#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	saveONenergy Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	March 31, 2016	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 market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
2	saveONenergy Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	March 31, 2016	Savings are considered to begin in the year in which the event occurs.	
3	saveONenergy Appliance Retirement	Includes both reta l and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	March 31, 2016	Savings are considered to begin in the year the appliance is picked up.	
4	saveONenergy HVAC Incentives	Results directly attributed to LDC based on customer applications and postal code.	March 31, 2016	Savings are considered to begin in the year that the installation occurred.	
5	saveONenergy Residential New Construction	Results are d rectly attributed to LDC based on LDC identified in application in the Con system.	March 31, 2016	Savings are considered to begin in the year of the project completion date.	
6	saveONenergy Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year of the audit date.	**Peak demand and energy** savings are determ ned 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 EM&V protocols and reflect the savings that were actually realized (i.e. how many light bu bs 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	saveONenergy Efficiency: Equipment Replacement	Results are d rectly 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 denied by LDC"); Please see page for Building type to Sector mapping.	March 31, 2016	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 these savings al gn with 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 factors such as free-ridership 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.e. lighting or non-lighting project, engineered/custom/prescriptive track).
		Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014)			
9	saveONenergy Direct Installed Lighting	Results are d rectly attributed to LDC based on the LDC specified on the work order.	March 31, 2016	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 and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
10	saveONenergy New Construction and Major Renovat on Incentive	Results are d rectly attributed to LDC based on LDC identified in the application.	March 31, 2016		**Peak demand and energy savings** are determined by the 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 EM&V protocols and reflect the savings that were actually realized (i.e. how many light bu bs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
11	saveONenergy Existing Building Commissioning Incentive		March 31, 2016		
12	saveONenergy Process & System Upgrades	Results are d rectly attributed to LDC based on LDC identified in application.	March 31, 2016	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 (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bu bs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
13	saveONenergy Monitoring & Targeting		March 31, 2016		
14	saveONenergy Energy Manager		March 31, 2016	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the sav ngs will begin the year of the Quarterly Report submitted by the energy manager.	
14	saveONenergy Home Ass stance Program	Results are d rectly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year in which the measures were installed.	**Peak demand and energy savings** are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
15	Aboriginal Conservation Program		March 31, 2016		

2015-2020 Conservation First Framework Programs

#	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 average of 2008 & 2009 residential throughput.	March 31, 2016	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 n the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
2	Save on Energy Heating and Cooling Program	Results directly attributed to LDC based on customer applications and postal code. LDCs may see additional participation, savings and spending relative to the March 2016 Value Added Services Report due to previously unassigned applications completed in 2015. Adjustments to reflect final 2015 verified participation will appear in your July 2016 Value Added Services Report to be issued on August 15, 2016	March 31, 2016	Savings are considered to begin in the year that the installation occurred.	
3	Save on Energy New Construct on Program	Results are d rectly attributed to LDC based on LDC identified in CDM LDC Report Template.	March 31, 2016	Savings are considered to begin in the year of the project completion date.	
4	Save on Energy Home Assistance Program	Results are d rectly attributed to LDC based on LDC identified in the application.	March 31, 2016	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.	March 31, 2016	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 EM&V protocols and reflect the savings that were actually realized (i.e. how many light bu bs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
6	Save on Energy Retrofit Program	Results are d rectly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	March 31, 2016	Savings are considered to begin in the year of the actual project completion date as reported in the CDM LDC Report Template	**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 al gn with 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 factors such as free-ridership 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.e. lighting or non-lighting project, engineered/custom/prescriptive track).
7	Save on Energy Small Business Lighting Program	Results are d rectly attributed to LDC based on the LDC specified on the work order.	March 31, 2016	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 and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
8	Save on Energy High Performance New Construction Program	Results are d rectly attributed to LDC based on LDC identified in the application.	March 31, 2016		**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 reported savings by 2014 Net-to-gross ratios and realization rates.
9	Save on Energy Existing Building Commissioning Program		March 31, 2016		
10	Save on Energy Process and Systems Upgrades Program	Results are d rectly attributed to LDC based on LDC identified in application.	March 31, 2016	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 applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bu bs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
11	Save on Energy Monitoring and Targeting Program	Results are d rectly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011, 2012 or 2013.	March 31, 2016	Savings are considered to begin in the year in which the incentive project was completed.	
12	Save on Energy Energy Manager Program	Results are d rectly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the sav ngs will begin the year of the Quarterly Report submitted by the energy manager.	
13	Busines Refrigeration Incentive Program	Results are d rectly attributed to LDC based on LDC identified in the application.	March 31, 2016	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 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.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
14	Social Benchmarking Program		March 31, 2016	Savings are considered to begin in the year in which the report was sent.	**Peak demand and energy savings** are determined using the verified measure level (home) 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 (home).
15	First Nations Conservation Program		March 31, 2016	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 (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

IESO Value Added Services Costs

1) IESO Value Added Services Costs are based on activity reported as of March 31, 2016.

2) Save on Energy Heating & Cooling Program activity may be greater than the March 2016 IESO Value Added Services Report due to previously unassigned applications being assigned to LDCs through the Evaluat on, Measurement & Ver fication Process based on updated applicant postal code mappings. These additional applications and costs will be reflected in the July 2016 IESO Value Added Services Report.

3) Future years may include adjustments to prior years based on delays of Value-Added Service report submissions to IESO from IESO Value-Added Service providers.

4) IESO Value Added Serivces costs are calculated based on the prevailing IESO Value Added Services Rates as per the applicable IESO Central Services Strategy and Rate Guideline.

Final 2015 Annual Verified Results Report
Consumer Program Allocation Methodology

#	Local Distribution Company	Allocation
1	Algoma Power Inc.	0.2207%
2	Atikokan Hydro Inc.	0.0265%
3	Attawapiskat Power Corporation	0.0255%
4	Bluewater Power Distribution Corporation	0.6460%
5	Brant County Power Inc.	0.1979%
6	Brantford Power Inc.	0.7255%
7	Burlington Hydro Inc.	1.3757%
8	Cambridge and North Dumfries Hydro Inc.	0.9578%
9	Canadian Niagara Power Inc.	0.5110%
10	Centre Wellington Hydro Ltd.	0.1129%
11	Chapleau Public Utilities Corporation	0.0379%
12	COLLUS PowerStream Corp.	0.2858%
13	Cooperative Hydro Embrun Inc.	0.0494%
14	E.L.K. Energy Inc.	0.2270%
15	Enersource Hydro Mississauga Inc.	3.9265%
16	Entegrus Powerlines Inc.	0.7226%
17	EnWin Utilities Ltd.	1.5542%
18	Erie Thames Powerlines Corporation	0.3535%
19	Espanola Regional Hydro Distribution Corporation	0.0821%
20	Essex Powerlines Corporation	0.6539%
21	Festival Hydro Inc.	0.3498%
22	Fort Albany Power Corporation	0.0212%

23	Fort Frances Power Corporation	0.0995%
24	Greater Sudbury Hydro Inc.	1.0276%
25	Grimsby Power Incorporated	0.2279%
26	Guelph Hydro Electric Systems Inc.	0.8983%
27	Haldimand County Hydro Inc.	0.4244%
28	Halton Hills Hydro Inc.	0.5475%
29	Hearst Power Distribution Company Limited	0.0667%
30	Horizon Utilities Corporation	4.0429%
31	Hydro 2000 Inc.	0.0390%
32	Hydro Hawkesbury Inc.	0.1394%
33	Hydro One Brampton Networks Inc.	2.8180%
34	Hydro One Networks Inc.	29.9788%
35	Hydro Ottawa Limited	5.5954%
36	InnPower Corporation	0.3951%
37	Kashechewan Power Corporation	0.0286%
38	Kenora Hydro Electric Corporation Ltd.	0.0989%
39	Kingston Hydro Corporation	0.5014%
40	Kitchener-Wilmot Hydro Inc.	1.6310%
41	Lakefront Utilities Inc.	0.1907%
42	Lakeland Power Distribution Ltd.	0.2906%
43	London Hydro Inc.	2.7308%
44	Midland Power Utility Corporation	0.1196%
45	Milton Hydro Distribution Inc.	0.5695%
46	Newmarket-Tay Power Distribution Ltd.	0.6607%
47	Niagara Peninsula Energy Inc.	0.9945%
48	Niagara-on-the-Lake Hydro Inc.	0.1586%
49	Norfolk Power Distribution Inc.	0.3495%
50	North Bay Hydro Distribution Limited	0.5333%

51	Northern Ontario Wires Inc.	0.1061%
52	Oakville Hydro Electricity Distribution Inc.	1.4632%
53	Orangeville Hydro Limited	0.2120%
54	Orillia Power Distribution Corporation	0.2722%
55	Oshawa PUC Networks Inc.	1.2283%
56	Ottawa River Power Corporation	0.1974%
57	Peterborough Distribution Incorporated	0.7132%
58	PowerStream Inc.	6.6383%
59	PUC Distribution Inc.	0.8687%
60	Renfrew Hydro Inc.	0.0775%
61	Rideau St. Lawrence Distribution Inc.	0.1120%
62	Sioux Lookout Hydro Inc.	0.0841%
63	St. Thomas Energy Inc.	0.2939%
64	Thunder Bay Hydro Electricity Distribution Inc.	0.8738%
65	Tillsonburg Hydro Inc.	0.1280%
66	Toronto Hydro-Electric System Limited	12.7979%
67	Veridian Connections Inc.	2.3525%
68	Wasaga Distribution Inc.	0.1799%
69	Waterloo North Hydro Inc.	1.0019%
70	Welland Hydro-Electric System Corp.	0.3879%
71	Wellington North Power Inc.	0.0632%
72	West Coast Huron Energy Inc.	0.0653%
73	Westario Power Inc.	0.5411%
74	Whitby Hydro Electric Corporation	0.8651%
75	Woodstock Hydro Services Inc.	0.2548%
Total		**100.0000%**

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

Final 2015 Annual Verified Results 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 perscentage 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.

Final 2015 Annual Verified Results - Annual Persistence Report

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Final 2015 Annual Verified Results - Annual Persistence Report

How to Use this Report

The IESO is pleased to provide the Final 2015 Annual Verified Results - Annual Persistence Report.

This report is based on the same data used to provide the Final 2015 Annual Verified Results Report to LDCs on June 30, 2016. The data included in this report is provided on a more granular level, providing annual savings amounts for the 2015 - 2040 period resulting from the 2015 CDM Program Year to aid LDCs in analysis such as supporting Lost Revenue Adjustment Mechanism (LRAM) calculations.

The data provided is the same final 2015 net verified, end-user level savings amounts for both energy savings and demand savings for the specific LDC service areas only, no province-wide data is included in this report. The program list has been condensed to show only those programs that had achieved savings in the province, not necessarily in every LDC's service area. Initiatives, programs, pilots that were in market in 2015 and adjustments to specific years that may be populated in future years are not displayed for ease of use.

The list of initiatives, programs and pilots is shown on the left and each year's remaining savings is shown across the columns. Savings may deteriorate by year as a result of the mix of measures actually installed may have some measures with shorter expected useful lives (EULs) than others and some measures may have a baseline shift occur during their EULs.

This type of data will be incorporated on an annual basis in each future year's Annual Verified Results Reports rather than provided separately for 2015. We hope you will find this report useful.

Final 2015 Annual Verified Results - Annual Persistence Report

Net Verified Annual Energy Savings, at the End-User Level (kWh)

For: Burlington Hydro Inc.

#	Program	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Legacy Framework																											
1	Coupon Initiative	731 825	725 167	725 167	725 167	725 167	725 167	725 167	724 878	724 878	724 878	668 797	666 371	666 371	664 067	664 067	663 781	248 066	248 066	248 066	248 066	0	0	0	0	0	0
2	Bi-Annual Retailer Event Initiative	1 349 861	1 325 969	1 325 969	1 325 969	1 325 969	1 325 969	1 325 968	1 325 275	1 325 275	1 325 275	1 222 094	1 159 168	1 159 168	1 134 236	1 134 236	1 131 691	419 213	419 213	419 213	419 213	0	0	0	0	0	0
3	Appliance Retirement Initiative	30 128	30 1 8	30 128	30 128	15 872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	HVAC Incentives Initiative	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 300 734	1 236 033	0	0	0	0	0	0
5	Residential New Construction and Major Renovation Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Energy Audit Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Efficiency: Equipment Replacement Incentive Initiative	9 140 210	9 140 210	9 062 242	9 034 032	9 034 032	8 880 615	8 614 208	8 614 208	8 409 446	7 488 728	4 868 276	4 503 234	2 005 792	2 005 530	2 005 530	1 405 333	234 551	234 551	234 551	234 551	0	0	0	0	0	0
8	Direct Installed Lighting and Water Heating Initiative	210 326	204 993	161 478	161 405	161 405	161 405	161 405	161 405	161 405	161 405	159 966	55 395	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	New Construction and Major Renovation Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Existing Building Commissioning Incentive Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	20 748	20 748	20 748	20 748	20 748	20 748	20 748	20 748	20 748	20 748	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Low Income Initiative	180 097	161 459	158 413	156 420	156 4 0	156 420	153 298	153 148	1 4 518	124 410	122 358	122 358	122 358	122 358	112 09	112 709	112 09	112 709	112 709	112 09	4 9	0	0	0	0	0
15	Loblaws Pilot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Social Benchmarking Pilot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Conservation Fund Pilot - SEG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Conservation Fund Pilot - EnerNOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Aboriginal Conservation Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Program Enabled Savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conservation First Framework																											
21	Save on Energy Coupon Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Save on Energy Heating and Cooling Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Save on Energy Home Assistance Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Save on Energy Audit Funding Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Save on Energy Retrofit Program	61 50	61 250	61 50	61 50	61 250	61 50	58 411	58 411	58 411	49 157	6 462	6 462	26 462	6 462	26 462	16 816	8 185	8 185	8 185	8 185	0	0	0	0	0	0
Total		**13.025.279**	**12.970 658**	**12 846.129**	**12.8 5.853**	**12.801.597**	**12.632.308**	**12.359.940**	**12.358.807**	**12.125.415**	**11.195.335**	**8.368.687**	**7.833.722**	**5.280 885**	**5 253.387**	**5.243.738**	**4.630.964**	**2.323.458**	**2.323.458**	**2.258.757**	**1.022.724**	**479**	**0**	**0**	**0**	**0**	**0**

Final 2015 Annual Verified Results - Annual Persistence Report

Net Verified Annual Demand Savings, at the End-User Level (kW)

For: Burlington Hydro Inc.

#	Program	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Legacy Framework																											
1	Coupon Initiative	48	47	47	47	47	47	47	47	47	47	42	42	42	42	42	42	16	16	16	16	0	0	0	0	0	0
2	Bi-Annual Retailer Event Initiative	91	90	90	90	90	90	90	90	90	90	75	72	72	71	71	71	26	26	26	26	0	0	0	0	0	0
3	Appliance Retirement Initiative	4	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	HVAC Incentives Initiative	687	687	687	687	687	687	687	687	687	687	687	687	687	687	687	687	687	687	615	0	0	0	0	0	0	0
5	Residential New Construction and Major Renovation Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Energy Audit Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Efficiency: Equipment Replacement Incentive Initiative	1,456	1,456	1,431	1,422	1,422	1,380	1,330	1,330	1,275	1,111	628	563	341	341	341	251	79	79	79	79	0	0	0	0	0	0
8	Direct Install Lighting and Water Heating Initiative	52	51	38	38	38	38	38	38	38	38	38	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	New Construction and Major Renovation Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Existing Building Commissioning Incentive Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Low Income Initiative	49	48	48	48	48	48	47	47	46	46	46	46	46	46	44	44	44	44	44	44	0	0	0	0	0	0
15	Loblaws Pilot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Social Benchmarking Pilot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Conservation Fund Pilot - SEG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Conservation Fund Pilot - EnerNOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Aboriginal Conservation Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Program Enabled Savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conservation First Framework																											
21	Save on Energy Coupon Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Save on Energy Heating and Cooling Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Save on Energy Home Assistance Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Save on Energy Audit Funding Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Save on Energy Retrofit Program	19	19	19	19	19	19	19	19	19	17	13	13	13	13	13	7	3	3	3	3	0	0	0	0	0	0
Total		2,412	2,408	2,370	2,361	2,359	2,315	2,264	2,264	2,208	2,042	1,529	1,439	1,201	1,200	1,198	1,102	855	855	783	168	0	0	0	0	0	0

Strategic Solutions for a Changing World™

Burlington Hydro Inc. 2013-2015 LRAMVA

Burlington Hydro Inc. lost revenue related to Conservation and Demand Management

2013-2015

This document was prepared for Burlington Hydro Inc. by IndEco Strategic Consulting Inc.

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Introduction

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

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

Burlington Hydro Inc. (BHI) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. BHI is required to use "the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation."[2] The final 2015 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, BHI may claim lost revenue from CDM programs up to and including 2015 in BHI's 2017 IRM application (EB-2016-0059).

BHI submitted a claim for lost revenues from 2011–2012 CDM programs in its 2014 Cost of Service application (EB-2013-0115). The impacts of CDM in 2012 and prior years are captured in the load forecast for BHI's 2014 cost of service rate case. Thus, BHI's LRAMVA for 2015 and subsequent years does not include CDM program impacts from 2012 and prior years. This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2013 related to programs offered in 2011,
- Lost revenues in 2013 related to programs offered in 2012,
- Lost revenues in 2013 related to programs offered in 2013,
- Lost revenues in 2014 related to programs offered in 2013,
- Lost revenues in 2014 related to programs offered in 2014.
- Lost revenues in 2015 related to programs offered in 2013,
- Lost revenues in 2015 related to programs offered in 2014, and

[1] *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

[2] *Filing Requirements For Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2016.

- Lost revenues in 2015 related to programs offered in 2015.

The carrying charges on the above variances through April 2017 are also reported.

Methodology

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

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

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

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

CDM results

From 2011 through 2015, BHI offered provincial programs in partnership with the Independent Electricity System Operator (IESO). BHI did not offer custom programs beyond the IESO programs.

IESO evaluation results

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTGR), and then from those calculates net energy savings by initiative within program group (residential, business, industrial and low-income). Peak load reductions are also calculated, and reported in the same way.

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

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

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

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

Allocating results to rate classes

The IESO reports results by 'program', within four main programs: residential, business (commercial and institutional), industrial and low-income. These only partially map onto rate classes. For initiatives that apply to more than one rate class, BHI staff estimated the split by rate class, drawing on participant-specific information where available.

Application of reported results

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

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month… Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts."[4]

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[3] Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

[4] Ibid. p. 7.

Load reductions accounted for in the load forecast

In recent years, LDCs have tried to account for load losses due to CDM programs in their load forecasts, submitted as part of their Cost of Service applications. These forecasted reductions need to be deducted from load losses attributable to CDM programs, to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

Overall impact of CDM on load, by rate class

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

Distribution rates

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

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

Lost revenues variance

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.[5] The variance is the difference between these lost revenues and the quantity of CDM in the load forecast, or what is called 'the LRAMVA threshold'.

Because these revenues are lost throughout the year, and are only recovered through rate riders in subsequent years, the Ontario Energy

[5] Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

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

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

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

Results

Following the methodology described above, lost revenues were calculated for BHI.

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by BHI. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for Burlington Hydro Inc.* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for Burlington Hydro Inc.* file released by the IESO on September 1, 2015. The net verified final 2015 results can be found in the "Net Incremental First Year Energy Savings" and "Net Incremental First Year Peak Demand Savings" sections of the "LDC Progress" tab in the *Final 2015 Annual Verified Results Report for Burlington Hydro Inc.* file released by the IESO on June 30, 2016.

The IESO provided BHI with persistence data for 2011 through 2015 results and 2011 -2013 adjustments at the initiative level.

Table 16 of the OEB LRAMVA work form shows the estimated persistence of 2011 results into future years. Table 17 of the OEB LRAMVA work form shows the persistence of 2012 results into future years. Table 18 of the OEB LRAMVA work form shows the persistence of 2013 results into future years. Table 19 of the OEB LRAMVA work form shows the estimated persistence of 2014 results through 2015. Table 20 of the OEB LRAMVA work form shows the estimated persistence of 2011 adjustments into future years. Table 21 of the OEB LRAMVA work form shows the persistence of 2012 adjustments into future years. Table 22 of the OEB LRAMVA work form shows the estimated persistence of 2013 adjustments into future years. No adjustments were provided for 2014 final results.

Allocating results to rate classes

BHI provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit

Incentive Program and High Performance New Construction. No allocation was provided for programs for which BHI has no program results.

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

- Residential (kWh)
- GS <50 kW (kWh)
- GS 50 to 4999 kW (kW)
- Unmetered Scattered Load (kWh)
- Street Lighting (kW).

Table 7 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2011 results and adjustments. Table 8 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2012 results and adjustments. Table 9 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 10 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Table 11-a of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 results. In each year the rate class allocation percentage totals for each program may not add up to 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Load reductions accounted for in the load forecast

BHI's last cost of service application was filed for the 2014 rate year (EB-2013-0115). The load forecast associated with that application accounted for load losses from 2011 – 2014 CDM programs. The forecast used actual load data up to 2013, so impacts of 2011 and 2012 are captured in the forecast. For 2013, because the projects are rolled-out throughout the year, only part of the savings that the IESO reported for 2013 would be captured though use of actual load data. Based on the half year rule, these are estimated at half the IESO reported savings.

The forecast also included a manual adjustment for half of estimated 2014 savings. Because the IESO reports results for a full year of savings, but only half of these would be realized in 2014, these estimates are doubled for comparison to the IESO results reported for 2014. Thus the amount assumed to be captured already through the load forecast is as shown below:

Rate class	Units	2013 results reported by the IESO	2014 manual adjustment	Total amount to compare to calculated lost revenues
Residential	kWh	1,642,521	1,591,117	4,003,495
GS < 50 kW	kWh	5,376,385	499,414	3,687,020
GS 50 to 4999 kW	kW	5,569	7,042	16,868
Unmetered Scattered Load	kWh	0	9,055	18,109
Street Lighting	kW	0	88	175

Table 3 of the OEB LRAMVA work form shows these estimates of load reductions, by rate class.

BHI's previous cost of service application was filed for the 2010 rate year (EB-2009-0259). The load forecast associated with that application did not account for load losses from 2011 – 2014 CDM programs.

Overall impact of CDM on load, by rate class

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

The bottom of Table 7 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 8 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 10 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Table 11-a of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2015.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for BHI are shown in Table 5 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in the 2012 to 2016

time period. Table 6 of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year. The values for 2011 and 2012 have been removed, since LRAMVA for these years has already been recovered.

Lost revenues

The lost revenues for each year by rate class for BHI calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year. The load impact in a given year will include the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

The lost revenue for 2011-2015 is based on final verified results provided by the IESO.

Table 1 of the OEB LRAMVA work form also shows the lost revenue in each year due to CDM that has already been incorporated into BHI's applicable load forecast. The impact on BHI's revenue is the variance between what is calculated from final CDM program results and what has already been accounted for in the load forecast.

In BHI's 2014 COS rate case (EB-2013-0115), disposition of the 2011 to 2012 lost revenue amounts in Account 1568 was approved. The lost revenue from 2011 to 2012 CDM programs in 2011 and 2012 thus have not been included in the calculations in Table 1.

Carrying charges

The monthly carrying charges by rate class on BHI's lost revenue variance are shown in Table 15 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to April 30, 2017.

Carrying charges are calculated only for CDM results not previously disposed of.

Conclusions

The LRAMVA balance at the end of December 2015 for BHI that includes results from 2013 – 2015 CDM programs and adjustments to 2013 results is $496,901.14. The total carrying charges on this LRAMVA balance accumulated to April 30, 2017 are 18,109.01. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	$183,605.06	$6,469.23	$190,074.29
GS<50	$211,925.96	$7,246.35	$219,172.31
GS 50 to 4,999	$103,504.12	$4,450.35	$107,954.47
Unmetered Scattered Load	($610.28)	($16.39)	($626.67)
Street Lighting	($1,523.73)	($40.51)	($1,564.24)
Totals	**$496,901.14**	**$18,109.01**	**$515,010.16**

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

providing environmental and energy consulting
to private, public and non-governmental organizations

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