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August 15, 2016

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

Dear Ms. Walli,

Re: Hydro One Brampton Networks Inc. 2017 Distribution Rates – EB-2016-0080

Please find attached the 2017 4th Generation IRM Electricity Distribution Rate Application from Hydro One Brampton Networks Inc. (HOBNI), requesting new distribution rates effective January 1st, 2017. This application has been prepared based on the 4th Generation Incentive Rate-setting (Price Cap IR) methodology for rates, consistent with Chapter Three of the OEB Filing Requirements dated July 14, 2016. This is HOBNI's second year for rate setting under 4th Generation IRM.

As outlined in the filing instruction guidelines, HOBNI has included two paper copies and filed an electronic version via RESS to the Office of the Board Secretary.

Please contact myself should anything further be required.

Sincerely,

Original signed by

Dan Gapic, CPA, CMA
Manager of Regulatory Affairs
Hydro One Brampton Networks Inc.
(905) 452-5517
dgapic@hydroonebrampton.com

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2017 4th GENERATION INCENTIVE RATE- SETTING APPLICATION

FILE NUMBER: EB-2016-0080

RATES EFFECTIVE: JANUARY 1, 2017

DATE FILED: AUGUST 15, 2016



EXHIBIT 1

ADMINISTRATIVE DOCUMENTS

EXHIBIT 1: ADMINISTRATIVE DOCUMENTS

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HYDRO ONE BRAMPTON NETWORKS INCORPORATED
APPLICATION FOR APPROVAL OF ELECTRICITY DISTRIBUTION RATES
EFFECTIVE JANUARY 1, 2017

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EXHIBIT 1: ADMINISTRATIVE DOCUMENTS

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LEGAL APPLICATION

LEGAL APPLICATION

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

AND IN THE MATTER OF an Application by Hydro One
Brampton Networks Inc. for an Order or Orders approving
or fixing just and reasonable distribution rates and other
charges, effective January 1, 2017.

The Applicant is Hydro One Brampton Networks Inc. (referred to in this Application as “the Applicant”, “Hydro One Brampton”, “HOBNI”, “the Company”, or “the Utility”) a subsidiary of Brampton Distribution Holdco. The Applicant is a corporation incorporated pursuant to the *Ontario Business Corporations Act* with its head office in the City of Brampton. The Applicant carries on the business of distributing electricity within the City of Brampton as a licensed distributor operating pursuant to license ED-2003-0038.

The Applicant hereby applies to the Ontario Energy Board (referred to in this Application as “the Board” or “OEB”) pursuant to Section 78 of the *Ontario Energy Board Act*, 1998, as amended, (the “OEB Act”) for approval of its proposed distribution rates and other charges. HOBNI is filing this application based on the 4th Generation Incentive Rate-setting (Price Cap IR) methodology for rates effective January 1, 2017.

This application is consistent with the updated Chapter Three of the Filing Requirements for Electricity Transmission and Distribution Applications (the “Filing Requirements”) issued by the Board on July 14, 2016.

If applicable, HOBNI will file a copy of its Notice of Application in both the highest circulation newspapers in Brampton, the English language newspaper is the *Brampton Guardian* and the French language newspaper is *Le Metropolitain*.

1 The scope of this Application includes the following:

- 2 A. Updated 2017 distribution rates effective January 1, 2017 based on 2016 rates adjusted by
3 the Board's IRM Price Cap Index Adjustment formula;
- 4 B. A review of the balances of the Group 1 Deferral and Variance accounts as at December
5 31, 2015 to determine eligibility for disposition of account balances and the determination
6 of a rate rider to refund/recover those balances if applicable (as outlined in the *Report of*
7 *the Board on Electricity Distributor's Deferral and Variance Account Review Initiative*
8 *(EDDVAR)*, ("EDDVAR Report") (EB-2008-0046) – July 31, 2009);
- 9 C. An adjustment to the retail transmission service rates as provided in the *OEB's Guideline*
10 *G-2008-0001: Electricity Distribution Retail Transmission Service Rates* ("RTSR"),
11 Revision 4.0, issued June 28, 2012 to reflect Uniform Transmission Rates ("UTR")
12 approved on January 14, 2016 on Decision and Rate Order of the Board on the EB-2015-
13 0311 proceeding and effective January 1, 2016.
- 14 D. Implementation of the second year (of four years) of the OEB's policy on distribution rate
15 design for residential electricity customers as per the *Board Policy: A New Distribution*
16 *Rate Design for Residential Electricity Customers* (EB-2012-0410), which stated, for
17 residential electricity customers only, distribution delivery costs will be recovered through
18 a monthly, fixed service charge. In the 2017 IRM application distribution charges, which
19 are currently a blend of fixed and variable (per kilowatt-hour) rates, will continue with the
20 transition to an entirely fixed service charge by 2019.
- 21 E. Request for approval for the recovery of lost revenue resulting from its CDM activities in
22 2013, 2014 and 2015, persisting until December 31, 2015, in accordance with Appendix B
23 of the *Guidelines for Electricity Distributor Conservation and Demand Management* (EB-
24 2012-0003), issued by the Board on April 26, 2012 and pursuant to *Updated Policy for the*
25 *Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand*
26 *Savings from Conservation and Demand Management Programs* (EB-2016-0182), dated
27 May 19, 2016 and consistent with the Board approved settlement agreement in HOBNI's
28 most recent Cost of Service Application (EB-2014-0083).

1 This Application is supported by written evidence that may be amended from time to time, prior
2 to the Board's final decision on this Application.

3 The Applicant requests that, pursuant to Section 34.01 of the Board's Rules of Practice and
4 Procedure, this proceeding be conducted by way of written hearing.

5 The Applicant requests that a copy of all documents filed with the Board in this proceeding be
6 served on the Applicant as follows:

7
8 **Applicant's Name:** Hydro One Brampton Networks Inc.

9 **Applicant's Address:** 175 Sandalwood Parkway West
10 Brampton, Ontario
11 L7A 1E8
12 www.hydroonebrampton.com

13 **Attention: Dan Gopic**, Manager of Regulatory Affairs

14 Telephone: 905-452-5517

15 Fax: (905)-840-0967

16 E-mail: dgopic@hydroonebrampton.com
17



EXHIBIT 2

MANAGER'S SUMMARY

EXHIBIT 2: MANAGER'S SUMMARY

TAB 1 (of 12)

2017 IRM APPLICATION OVERVIEW

OVERVIEW

HOBNI is a licensed electricity distributor that owns and operates an electricity distribution system that provides service to the businesses and residents of the City of Brampton. HOBNI charges its customers' distribution rates and other charges as authorized by the OEB. In this application HOBNI is applying for rates and other charges pursuant to the 4th Generation Incentive Regulation Mechanism ("IRM4") effective January 1, 2017, under assigned case number EB-2016-0080. Consistent with Chapter Three of the Filing Requirements dated July 14, 2016, this application has been prepared based on the 4th Generation Incentive Rate-setting (Price Cap IR) methodology. HOBNI had previously completed a full Cost of Service rebasing application for rates effective January 1, 2015 as per the Board's decision in EB-2014-0083. This is HOBNI's second rate application under IRM4 since its 2015 Cost of Service application. This Manager's Summary will primarily address the following items:

- Annual Price Cap Adjustment Mechanism
- Revenue-to-Cost Ratio Adjustments
- Rate Design for Residential Electricity Customers
- Electricity Distribution Retail Transmission Service Rates
- Review and Disposition of Group 1 Deferral and Variance Account Balances
- Renewable Generation Connection Rate Protection
- Disposition of LRAM Variance Account
- Summary of Rates and Riders Requested

A copy of the Current and Proposed Tariff Sheets are presented in *Exhibit 3 Appendix A and B*, respectively. In addition, the Customer Bill Impacts Summary is presented in *Exhibit 2 Tab 12 Schedule 1*. The rate updates due to the proposed rates and rate riders have been taken into consideration and included in the customer bill impacts.

In summary, the total bill impact for a Residential customer in Brampton, with monthly electricity consumption of 750 kWh, will be a decrease of (\$2.67) or (1.9%) per month. The bill impact for a General Service Less Than 50 kW customer with monthly electricity consumption of 2,000 kWh,

1 will be a decrease of (\$4.33) or (1.1%) per month. Also, summary bill impacts for representative
2 customers by class are provided in *Exhibit 3 Appendix C*.

3 This application is consistent with all the relevant Board guidelines and requirements. The Board
4 has provided direction to Ontario electricity distributors on 4th Generation IRM applications in
5 the following:

- 6 • *Report of the Board: Renewed Regulatory Framework for Electricity Distributors: A*
7 *Performance-Based Approach - October 18, 2012*
- 8 • *Report of the Board: Rate Setting Parameters and Benchmarking under the Renewed*
9 *Regulatory Framework for Ontario's Electricity Distributors – corrected December 4,*
10 *2013*
- 11 • *Report of the Board on the Cost of Capital for Ontario's Regulated Utilities - December*
12 *11, 2009*
- 13 • *Guidelines for Electricity Distributors' Conservation and Demand Management - April 26,*
14 *2012 (2012 CDM Guidelines)*
- 15 • *Guidelines for Electricity Distributors' Conservation and Demand Management -*
16 *December 19, 2014 (2014 CDM Guidelines)*
- 17 • *Report of the Board: New Policy Options for the Funding of Capital Investments: The*
18 *Advanced Capital Module - September 18, 2014*
- 19 • *Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity*
20 *Distributors - July 14, 2008*
- 21 • *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's*
22 *Electricity Distributors - September 17, 2008*
- 23 • *Addendum to the Supplemental Report of the Board on 3rd Generation Incentive*
24 *Regulation for Ontario's Electricity Distributors - January 28, 2009*
- 25 • *Guideline (G-2008-0001) on Retail Transmission Service Rates - October 22, 2008*
26 *(Revision 3.0 June 22, 2011 and any subsequent updates)*

- 1 • *Guideline G-2011-0001: Smart Meter Funding and Cost Recovery – Final Disposition,*
2 *December 15, 2011*
- 3 • *Report of the Board on Electricity Distributors' Deferral and Variance Account Review*
4 *Initiative (EDDVAR) - July 31, 2009*
- 5 • *Chapter 5 - Filing Requirements for Electricity Transmission and Distribution*
6 *Applications: Consolidated Distribution System Plan Filing Requirements – March 28,*
7 *2013*
- 8 • *Report of the Board on Transition to International Financial Reporting Standards (EB-*
9 *2008-0408) - July 28, 2009*
- 10 • *Addendum to Report of the Board EB-2008-0408 - Implementing International Financial*
11 *Reporting Standards in an Incentive Rate Mechanism Environment - June 13, 2011*
- 12 • *Report of the Board - Performance Measurement for Electricity Distributors: A Scorecard*
13 *Approach - March 5, 2014*
- 14 • *Board Policy (EB-2012-0410) - A New Distribution Rate Design for Residential Electricity*
15 *Customers - April 2, 2015*
- 16 • *Report of the Ontario Energy Board - Defining Ontario's Typical Electricity Customer –*
17 *April 14, 2016*
- 18 • *Report of the Ontario Energy Board - New Policy Options for the Funding of Capital*
19 *Investments: Supplemental Report – January 22, 2016*
- 20 • *Report of the Ontario Energy Board - Updated Policy for the Lost Revenue Adjustment*
21 *Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and*
22 *Demand Management Programs – May 19, 2016*

23 HOBNI has adhered to all of the Board's directions in completing the Board approved Rate
24 Generator Model and other Work Forms provided by the Board including:

- 25 • 2017 IRM Rate Generator Model,
- 26 • 2017 Revenue-to-Cost Ratio Adjustment Model
- 27 • Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form – Version
28 1.0(2017)

EXHIBIT 2: MANAGER'S SUMMARY

TAB 2 (of 12)

APPROVALS REQUESTED

APPROVALS REQUESTED

1. *Distribution Rates*

As per *Exhibit 2 Tab 11 Schedule 1* below, HOBNI is seeking approvals for Distribution rates effective January 1, 2017 based on 2016 rates, adjusted by the Annual Price Cap Adjustment Mechanism.

2. *Revenue-to-Cost Ratio Adjustments*

As per *Exhibit 2 Tab 4 Schedule 1* below, HOBNI is requesting the Board's approval to transition the revenue-to-cost ratios for the Distributed Generation Class to 85% in 2017 as per the Board's Decision in the 2015 Cost of Service Application (EB-2014-0083).

3. *Rate Design for Residential Customers*

As per *Exhibit 2 Tab 5 Schedule 1* below, HOBNI is requesting the Board's approval to continue the implementation of fixed residential distribution rates as per the *Board Policy: A New Distribution Rate Design for Residential Electricity Customers* (EB-2012-0410). Distribution charges are currently a blend of fixed and variable (per kilowatt-hour) and will have transitioned to an entirely fixed service charge by 2019. HOBNI determined that the total bill impact for a residential customer with average monthly usage of 750 kWh's will be (\$2.67). This bill impact results in (1.9 %) decrease and does not exceed the Board's 10% threshold test.

4. *Electricity Distribution Retail Transmission Service Rates*

As per *Exhibit 2 Tab 6 Schedule 1* below, HOBNI is making adjustments to the Retail Transmission Service Rates ("RTSR") as provided in the Board's Guideline (G-2008-0001) on Retail Transmission Service Rates – October 22, 2008 (Revision 4.0 June 28, 2012) to reflect the Board approved Uniform Transmission Rates ("UTRs") effective January 1, 2016 and Hydro One's Sub-Transmission Rates. A detailed list of RTSR is provided in *Exhibit 2 Tab 11 Schedule 1*.

1 **5. Disposition of Group 1 Deferral and Variance Account Balances**

2 a) As per *Exhibit 2 Tab 7 Schedule 1* below, the amount requested for disposition¹ totals
3 (\$5,014,282), including the December 31, 2015 audited account balance of (\$4,959,410)
4 plus accrued carrying charges from January 1, 2016 to December 31, 2016 of (\$54,872).
5 The aforementioned recovery is being requested based on the approval of i) the Rate Riders
6 for Disposition of Deferral/Variance Accounts (2017) and ii) the Rate Riders for
7 Disposition of Global Adjustment Account (2017). Rate Riders are provided in *Exhibit 2*
8 *Tab 11 Schedule 1*.

9 b) As per *Exhibit 2 Tab 7 Schedule 2* below, the amount requested for disposition for
10 Wholesale Market Services – Sub-account CBR Class B totals \$976,374.12, including
11 principal and interest of \$965,759.71 as of December 31, 2015, plus accrued carrying
12 charges from January 1, 2016 to December 31, 2016 of \$10,614.41. The aforementioned
13 recovery is being requested based on the approval of i) the Rate Rider for Disposition of
14 CBR Class B (2017) – Applicable to only Class B Customers, and ii) the Rate Rider for
15 Disposition of CBR Class B (2017) – For Class A, formerly Class B. Rate Riders are
16 provided in *Exhibit 2 Tab 11 Schedule 1*.

17 **6. Recovery of Costs for “Eligible Investments”**

18 As per *Exhibit 2 Tab 8 Schedule 1* below, HOBNI requests that when the Board makes its
19 decision regarding the “Green Energy Plan Electricity Rate Protection Benefit and Charges”
20 for 2017, it approves funding of \$89,991 for 2017².

21 **7. LRAMVA Recovery**

22 i) As per *Exhibit 2 Tab 9 Schedule 1* below, the amount requested for disposition totals
23 \$902,321, including the balance updated as of December 31, 2015 of \$892,651 plus
24 accrued carrying charges from January 1, 2016 to December 31, 2016 of \$9,670. The

¹ Excluding Wholesale Market Services – CBR Sub-accounts.

² Amount approved in the 2015 Cost of Service Decision (EB-2014-0083). Per the OEB approved Draft Rate Order, Updated on January 12, 2015, Summary of Approvals Granted by the Board item Number 19, page 13 of 33.

1 aforementioned recovery is being requested based on the approval of Rate Riders for
2 Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)
3 (2017). Rate Riders are provided in *Exhibit 2 Tab 11 Schedule 1*.

- 4 ii) HOBNI requests approval to recover any lost revenue due to retroactive adjustments
5 made by the IESO for the years 2014 and 2015, in future LRAM VA rate proceedings,
6 should such adjustments occur.

7 ***Conclusion***

8 If the proposed adjustments are approved by the Board, the impact on the delivery component of
9 the customer's bill for a typical residential customer with monthly electricity consumption of 750
10 kWh will be a decrease of (\$2.36) or (6.3%), and a decrease of (\$2.67) or (1.9%) on the total bill.
11 The impact on the delivery component of a typical General Service < 50 kW class customer with
12 monthly electricity consumption of 2,000 kWh will be a decrease of (\$3.83) or (4.2%), and a
13 decrease of (\$4.33) or (1.1%) on the total bill.

EXHIBIT 2: MANAGER'S SUMMARY

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**ANNUAL PRICE CAP ADJUSTMENT
MECHANISM**

ANNUAL PRICE CAP ADJUSTMENT MECHANISM

As part of the Renewed Regulatory Framework for Electricity Distributors (“RRFE”) the Board initiated a review of utility performance per the “Defining and Measuring Performance of Electricity Transmitters and Distributors (EB-2010-0379)” proceeding. As part of this proceeding the Board contracted Pacific Economics Group Research, LLC (“PEG”) to prepare a report to the Board, “Empirical Research in Support of Incentive Rate Setting in Ontario: Report to the Ontario Energy Board”. The original PEG Report was issued on May 3, 2013, and established the parameters for use to determine the Price Cap Index for the 4th Generation IRM including: a productivity factor of 0.00%, the approach to determine the Industry Specific Inflation Factor (replacing the 3rd Generation IRM GDP-IPI inflation factor), and the initial stretch factor assignments.

The Stretch Factor assignments for 2017 IRM filers have now been updated by the OEB. In this application HOBNI was assigned a Stretch Factor of 0.3% by the OEB in accordance with the most recent PEG Report, issued on August 4, 2016. HOBNI remained in the Stretch Factor Group III. For the period from 2013 to 2015, the Company's average actual benchmarked costs were 4.0% lower than the predicted costs for the period based on the PEG econometric model. The 2017 IRM Rate Generator Model sets the Stretch Factor assignment to 0.30%.

In addition, since the Industry Specific Inflation Factor used to determine the Price Cap Index has not been approved by the Board at this time, the 2017 IRM Rate Generator Model has used the Industry Specific Inflation Factor which was used for 2016 IRM filers, i.e. 2.1%, as an estimate for 2017. It is expected that the Board approval for the final Price Cap Index will be made before the implementation date of the 2017 Tariff of Rates and Charges and HOBNI understands that a change to the Industry Specific Inflation Factor, and hence the Price Cap Index, will be made by the Board in the 2017 IRM Rate Generator Model and to the final approved Tariff of Rates and Charges.

1 The price cap adjustment as determined in the 2017 IRM Rate Generator Model submitted with
2 this application is based on a Price Cap Index placeholder of 1.80%, which has been used to
3 determine the 2017 Distribution Rates, as follows:

4 a) Inflation Factor of 2.1%,

5 b) Minus a Productivity Factor of 0.0%,

6 c) Minus a Stretch Factor of 0.3%, based on HOBNT's current OEB approved Stretch Factor
7 Group III, and

8 d) The Resulting Price Cap Index is 1.8%

EXHIBIT 2: MANAGER'S SUMMARY

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REVENUE-TO-COST RATIO ADJUSTMENTS

REVENUE-TO-COST RATIO ADJUSTMENTS

As per the Settlement Agreement approved by the Board in HOBNI's 2015 Cost of Service Rate Application (EB-2014-0083), the Company agreed to adjust the transitioning of revenue to cost ratios for the Distributed Generation Class to 50% in 2015, 70% in 2016 and 85% in 2017. In order to implement this transition, HOBNI proposes the following Revenue to Cost ratios as determined in the 2017 IRM Revenue to Cost Ratio Adjustment Work Form.

Table 1 below shows the revenue to cost ratio adjustments for 2015, 2016 and 2017 as per the 2015 Cost of Service proceedings.

Table 1: Revenue to Cost Ratios

Classes	Revenue to Cost Ratios		
	2015 OEB Approved	2016 Approved	2017 Proposed
Residential	95.65%	95.65%	95.65%
GS < 50 kW	120.00%	119.71%	119.50%
GS > 50 kW to 699 kW	95.65%	95.65%	95.65%
GS > 700 kW to 4,999 kW	120.00%	120.00%	120.00%
Large Use	95.65%	95.65%	95.65%
Street Lighting	95.65%	95.65%	95.65%
Standby Power	100.00%	100.00%	100.00%
Unmetered Scattered Load	95.65%	95.65%	95.65%
Embedded Distributor	100.00%	100.00%	100.00%
Distributed Generation Class	50.00%	70.00%	85.00%
Energy from Waste Generation	100.00%	100.00%	100.00%

1 **Table 2** below presents the proposed revenue-to-cost ratio adjustments by customer class.

2 **Table 2: Revenue to Cost Ratios Adjustments**

Class	Current Base Service Charge	Adjustment	Proposed Base Service Charge
Residential Service Classification	\$ 14.32	\$ -	\$ 14.32
General Service Less Than 50 KW Service Classification	\$ 24.77	-\$ 0.05	\$ 24.72
General Service 50 to 699 KW Service Classification	\$ 123.36	\$ -	\$ 123.36
General Service 700 to 4,999 KW Service Classification	\$ 1,113.03	\$ -	\$ 1,113.03
Large Use Service Classification	\$ 4,631.56	\$ -	\$ 4,631.56
Unmetered Scattered Load Service Classification	\$ 1.07	\$ -	\$ 1.07
Street Lighting Service Classification	\$ 2.26	\$ -	\$ 2.26
Embedded Distributor Service Classification	\$ 4,094.31	\$ -	\$ 4,094.31
Distributed Generation (DGEN) Service Classification	\$ 82.75	\$ 19.58	\$ 102.33
Energy from Waste Service Classification	\$ 62.10	\$ -	\$ 62.10
microFIT Service Classification	\$ 5.40	\$ -	\$ 5.40

3
4 The 2017 Revenue to Cost Ratio Adjustment Work Form is provided in *Exhibit 4 Tab 2*.

5 The rate adjustments resulting from the above movements in the revenue to cost ratios are
6 determined in *Tab "14. Adjust To Proposed Rates"* of the Work Form and entered in the 2017 IRM
7 Rate Generator at *Tab "16.Rev2Cost_GDPIPT"*.

EXHIBIT 2: MANAGER'S SUMMARY

TAB 5 (of 12)

**RATE DESIGN FOR RESIDENTIAL
ELECTRICITY CUSTOMERS**

RATE DESIGN FOR RESIDENTIAL CUSTOMERS - OVERVIEW

On April 2, 2015, the OEB released its *Board Policy: A New Distribution Rate Design for Residential Electricity Customers* (EB-2012-0410), which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers. This will be implemented over a period of four years, beginning in 2016. 2017 is the second year of the implementation plan, as HOBNI implemented the first phase of the plan in 2016.

The Board stated that the change to the fixed monthly charge should be determined using the customer numbers and usage data approved by the Board as part of a distributor's last cost of service review. Going forward, any new "other" charges related to distribution will be applied on a fixed basis. These charges typically have an end date. Therefore any "other" charges currently in place and billed on a usage basis will remain unchanged until they phase out on their own over the four-year transition period. In addition, the Board established that distributors will not change the way they collect commodity charges, transmission, wholesale market charges and any variances between these costs incurred by the distributor and what has been billed to customers. These will still be charged based on customer usage rather than a fixed cost.

The OEB currently requires distributors to file plans to reduce total bill impacts that exceeds 10%. The bill impact from the implementation of the new fixed rate design is expected to be very small for the typical residential customer using 750 kWh per month because any increase to the fixed charge is offset by a reduction to the usage charge. For the purposes of implementing the new fixed rate design, a 10% test will be applied to customers who consume much less electricity than the typical residential customer. This will allow any mitigation plans to be well tailored to those who use the least power and whose bills will likely increase due to the shift to fixed rates. If a customer at the lowest 10th percentile of electricity consumption has a bill impact of 10% or higher, the distributor must make a proposal for a rate mitigation plan.

HOBNI has followed the Board's direction to assess the combined effect of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service by evaluating the total bill impact for a residential customer at HOBNI's 10th consumption percentile. HOBNI ran

1 a system query to obtain data for all Residential Class consumers of record as of December 31,
2 2015. The method used for purposes of this analysis is entirely consistent with the methodology
3 used in HOBNI's last IRM rate application (EB-2015-0078).

4 The query obtained data for 2015 for the metered consumption by month, the number of service
5 months, and the computed average monthly kWh consumption for all active Residential Class
6 consumers as of the end of 2015, i.e. customers who had moved out were excluded and customers
7 who moved in were included in the data. Data was obtained for 143,000 Residential Class
8 customers of record with the average consumption as of December 31, 2015. The number of
9 Residential Class customers reported in the 4th Quarter RRR filing was 143,095. It is assumed that
10 the small difference of 95 Residential Class customers moved in during the last month or two of
11 2015 but had no consumption in 2015. However, the number of residential customers with
12 consumption that exceeded 50 kWh was 142,472. To identify the 10th percentile of lowest
13 consumers above 50 kWh, the data for all Residential Class customers was sorted by average
14 monthly consumption for 2015 from lowest to highest and 10% of the total number of customers
15 above 50 kWh was determined to be the 14,247th lowest usage customer as follows: 10% of
16 142,472 Residential Customers = 14,247. The average monthly usage of the 10th percentile
17 customer is 347.46 kWh and the total bill impact for this customer is \$0.80 or 1.1%. The bill impact
18 calculation for the customer at the 10th percentile is provided in **Table 3** below. This increase does
19 not exceed the Board's mitigation threshold.

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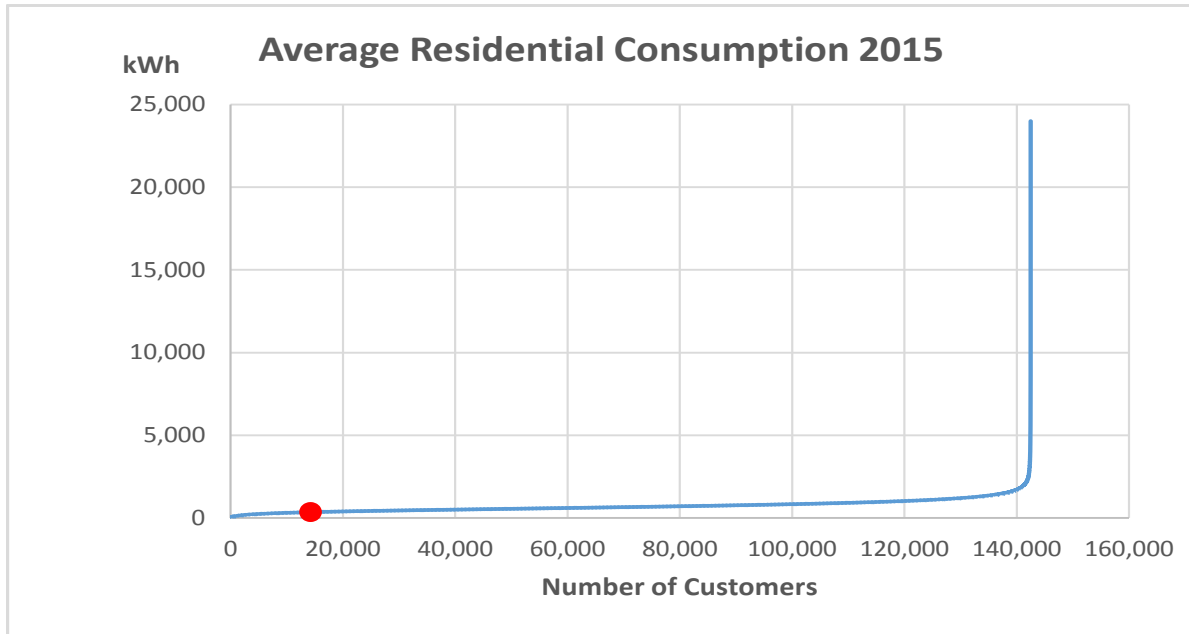
Table 3: Impacts on Total Bill for 10th Percentile Consumer

Bill Impacts									
Customer Class:		Residential							
RPP/non-RPP		RPP							
Consumption		347 kWh							
	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	347	\$4.09	\$ 0.0080	347	\$2.78	(\$1.32)	-32.20%
Fixed Rate Riders	per kWh	\$ -	347	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	347	\$0.17	\$ 0.0006	347	\$0.21	\$0.03	20.00%
Sub-Total A (excluding pass through)				\$18.59			\$20.65	\$2.07	11.12%
Line Losses on Cost of Power	per kWh	\$ 0.1114	12	\$1.32	\$ 0.1114	12	\$1.32	\$0.00	0.00%
Verterra/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	347	\$0.00	\$ 0.0035	347	(\$1.21)	(\$1.21)	-5.13%
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	347	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$20.70			\$21.55	\$0.85	4.11%
RTSR - Network	per kWh	\$ 0.0078	359	\$2.80	\$ 0.0074	359	\$2.66	(\$0.14)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	359	\$2.05	\$ 0.0057	359	\$2.05	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$25.54			\$26.25	\$0.71	2.77%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	359	\$1.29	\$ 0.0036	359	\$1.29	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	359	\$0.47	\$ 0.0013	359	\$0.47	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	359	\$0.39	\$ 0.0011	359	\$0.39	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	226	\$19.62	\$ 0.0870	226	\$19.62	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	59	\$7.79	\$ 0.1320	59	\$7.79	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	62	\$11.24	\$ 0.1800	62	\$11.24	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$66.60			\$67.30	\$0.71	1.06%
HST		13%		\$8.66	13%		\$8.75	\$0.09	1.06%
Total Bill on TOU				\$75.25			\$76.05	\$0.80	1.06%
Loss Factor (%)		3.41%			3.41%				

Figure 1 below illustrates the average monthly consumption for the data population of HOBNT's Residential Class customers and the 10th percentile of consumption of the lowest consumers above 50 kWh that was used to calculate the bill impact for a customer consuming 347.46 kWh per month.

1

Figure 1 Average Residential Consumption 2015



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RATE DESIGN FOR RESIDENTIAL CUSTOMERS - BILL IMPACT MITIGATION

Consistent with the OEB policy regarding mitigation and consistent with the approach taken by HOBNI in its previous rate application in which the changes to the fixed charges for residential customers were first implemented, HOBNI is proposing that no extension to the transition period is necessary for the following reasons:

1. HOBNI has determined that the total bill impact for a residential customer with average monthly usage of 750 kWhs will be (\$2.67). This bill impact results in (1.9 %) decrease and does not exceed the Board's 10% threshold test.
2. In addition, the total bill impact for the customer at the consumption level of 347.46 kWh, which constitutes the 10th percentile is \$0.80 or 1.1%. This increase does not exceed the Board's mitigation threshold.

EXHIBIT 2: MANAGER'S SUMMARY

TAB 6 (of 12)

**ELECTRICITY DISTRIBUTION RETAIL
TRANSMISSION SERVICE RATES**

RETAIL TRANSMISSION SERVICE RATES

The Board's Guideline for Electricity Distribution Retail Transmission Service Rates ("RTSR Guideline") (G-2008-0001) was issued June 28, 2012. Based on the most recent Decision and Rate Order of the Board in the EB-2015-0311 proceeding, issued on January 14, 2016, the current Uniform Transmission Rates (UTR's) effective from January 1, 2016 to December 31, 2016 are as follows:

- Network Service Rate \$3.66 per kW per month;
- Line Connection Service Rate \$0.87 per kW per month; and
- Transformation Connection Service Rate \$2.02 per kW per month.

For 2017, the RTSR Guideline instructs distributors to adjust RTSR's based on a comparison of historical transmission costs adjusted for new UTR levels and revenues generated from existing RTSRs. The RTSR Guideline notes that once the January 1, 2017 UTR rates have been determined, each distributor's 2017 IRM Rate Generator Model will be updated to incorporate any changes as necessary.

Also, HOBNI's distribution service territory is partially embedded in its host distributor's (Hydro One Networks Inc.) service territory. If Hydro One Networks Inc. Sub-Transmission ("ST") class RTSRs change prior to final Board approval of HOBNI's rate application then HOBNI's IRM 2017 Rate Generator Model would be updated to incorporate any changes to ST RTSRs.

HOBNI's 2017 *RTSR Tab 10 to 15* of the 2017 IRM Rate Generator Model have been completed and included in *Exhibit 4 Tab 1*. The resulting rates are determined in Tab 15 "RTSR Rates to Forecast" of the 2017 IRM Rate Generator Model".

HOBNI understands that if the Board approves any rate adjustments to the UTR's, and prior to its decision on HOBNI's 2017 IRM rate application, that Board staff will adjust Tab "11. RTSR-UTRs & Sub-Tx" of the 2017 IRM Rate Generator Model to incorporate these changes. The 2017 RTSR

1 sections³ of the 2017 IRM Rate Generator Model have been completed and included in *Exhibit 4*
2 *Tab 1*. The resulting rates are determined in Tab “15. RTSR Rates to Forecast” of the 2017 IRM
3 Rate Generator Model”.

4 The RTSR rates for Embedded Distributor service class are equal to RTSR rates for General
5 Service 700 to 4,999 kW service class as approved by the OEB upon HOBNI’s request in its 2015
6 Cost of Service application (EB-2014-0083) in *Exhibit 7, Tab 1, Schedule 3*.

³ 2017 IRM Rate Generator Model, Tabs 10 to 15.

EXHIBIT 2: MANAGER'S SUMMARY

TAB 7 (of 12)

**REVIEW AND DISPOSITION OF GROUP 1
DEFERRAL AND VARIANCE ACCOUNT
BALANCES**

REVIEW AND DISPOSITION OF GROUP 1 DEFERRAL AND VARIANCE ACCOUNT BALANCES

The *Report of the Board on Electricity Distributor's Deferral and Variance Account Review Initiative* (EB-2008-0046) requires that during the IRM plan term, Group 1 audited account balances will be reviewed and disposed of if the preset disposition threshold of \$0.001/kWh (debit or credit) is exceeded. Previous dispositions included HOBNI's 2014 IRM application disposing of Group 1 deferral and variance account balances as of December 31, 2012 and in its 2015 Cost of Service Rate Application the Company disposed of both Group 1 and 2 deferral and variance account balances as of December 31, 2013.

Table 4 below provides a comparison of the 2015 deferral and variance account balances reported in the RRR vs the 2015 account balances being considered for disposition. The account balances reported in the 2015 RRR and the associated interest amounts to the end of December 31, 2016 are in agreement with the account balances being considered for disposition in this application.

Table 4: Comparison of 2015 Account balances Reported in RRR vs 2015 Disposition Balances

Account Description	Account No.	2015 Account Balances Per Continuity Schedule	2015 Account Balances Reported in RRR filing	Difference
Group 1 Accounts				
LV Variance Account	1550	406,317	406,317	-
Smart Metering Entity Charge	1551	(120,154)	(120,154)	-
RSVA - Wholesale Market Service Charge	1580	(9,338,717)	(8,373,944)	(964,773)
RSVA - Retail Transmission Network Charge	1584	(488,485)	(488,485)	-
RSVA - Retail Transmission Connection Charge	1586	426,773	426,773	-
RSVA - Power (Excluding Global Adjustment)	1588	(5,375,094)	(5,375,094)	-
RSVA - Power - Global Adjustment	1589	9,529,950	9,529,950	-
Total Group 1 Account Balances including CBR		(4,959,410)	(3,994,637)	(964,773)
WMS – Sub-account CBR Class A	1580	-	76,837	(76,837)
WMS – Sub-account CBR Class B	1580	-	887,936	(887,936)
Subtotal Variance WMS – Sub-account		-	964,773	(964,773)
Total Group 1 Account Balances excluding CBR		(4,959,410)	(4,959,410)	-

The Capacity Based Recovery (“CBR”) sub-account balances of Uniform System of Accounts (USoA) 1580 RSVA Wholesale Market Services totaling \$975,376 as per **Table 5** below are not being disposed of through the Deferral and Variance Account Rate Rider. Moreover, a separate rate rider has been calculated for Class B⁴ customers and the Class A⁵ customers who were formerly Class B customers at the end of the disposition period will be billed a unique CBR rate rider.

Table 5 below shows the amounts by account that are being considered for disposition. The amounts were determined, on an account by account basis, based on the 2015 reported RRR account balances as at December 31, 2015 plus interest accrued to December 31, 2016. Details of the continuity schedule for these Group 1 account balances can be found on *Tab “3. Continuity Schedule”* of the 2017 IRM Rate Generator Model in *Exhibit 4 Tab 1*.

Table 5: Summary of Deferral and Variance Account Balances Projected to December 31, 2016

Account Description	Account No.	2015 Principal Balance	2015 Carrying Charge Balance	2015 Year-End Balance	2016 Projected Carrying Charges (1)	Total For Disposition
Group 1 Accounts						
LV Variance Account	1550	402,447	3,869	406,317	4,427	410,744
Smart Metering Entity Charge	1551	(118,862)	(1,292)	(120,154)	(1,307)	(121,462)
RSVA - Wholesale Market Service Charge	1580	(8,365,766)	(8,179)	(8,373,944)	(92,023)	(8,465,968)
RSVA - Retail Transmission Network Charge	1584	(496,717)	8,233	(488,485)	(5,464)	(493,949)
RSVA - Retail Transmission Connection Charge	1586	417,474	9,299	426,773	4,592	431,365
RSVA - Power (Excluding Global Adjustment)	1588	(5,313,869)	(61,225)	(5,375,094)	(58,453)	(5,433,547)
RSVA - Power - Global Adjustment	1589	9,450,912	79,038	9,529,950	103,960	9,633,910
Total Group 1 Account Balances including CBR		(4,024,380)	29,743	(3,994,638)	(44,268)	(4,038,906)
WMS – Sub-account CBR Class A (2)	1580	76,774	63	76,837	845	77,681
WMS – Sub-account CBR Class B (3)	1580	887,201	735	887,936	9,759	897,695
Subtotal Variance WMS – Sub-account		963,974	798	964,772	10,604	975,376
Total Group 1 Account Balances excluding CBR		(4,988,355)	28,945	(4,959,410)	(54,872)	(5,014,282)

Note:

(1) Annual rate of interest of 1.10% was used to calculate the 2016 Projected Carrying Charges.

(2) There will be no disposition for CBR Class A customers, instead, billing adjustments for each customer will take place.

(3) Rate rider for CBR Class B customers will be calculated in a separate file outside 2017 IRM Rate Generator Model.

⁴ CBR costs are billed according to the same classifications that Global Adjustment is billed, i.e. Class A and Class B.

⁵ ibid

The disposition threshold test for Group 1 Accounts was calculated using the 2015 actual volumes and billing determinants. The result is presented in **Table 6** below.

The Group 1 account threshold test is based on the Group 1 account balances as of December 31, 2015 plus interest to December 31, 2016. The total being considered for disposition is (\$5,014,282) as per **Table 5** above. Using HOBNI's 2015 historical actual volumes of 3,947,397,288 kWh, resulted in a value of (\$0.0013) per kWh which is above the ceiling rate of \$0.001 per kWh established by the Board. Therefore Hydro One Brampton is seeking disposition of the Group 1 accounts, since they meet the threshold for disposition. The Deferral and Variance Account disposition threshold calculations have been performed as part of the 2017 IRM Rate Generator Model in Tab "4. Billing Det. For Def-Var" and have been included in *Exhibit 4 Tab 1* of this evidence.

Table 6: Group 1 Account Threshold Test

Rate Class	Billed kWh
Residential	1,236,002,484
General Service Less Than 50 kW	335,907,831
General Service 50 to 699 kW	1,089,998,053
General Service 700 to 4,999	871,152,715
Large Use > 5000 kW	366,241,230
Unmetered Scattered Load	5,230,920
Street Lighting	33,380,715
Standby Power	-
Embedded Distributor	9,368,608
Distributed Generation	114,831
Energy from Waste	-
Total kWhs	3,947,397,388
Total Claim for Group 1 Accounts	(5,014,282)
Total Claim per kWh	(0.0013)

Rate Riders for the Disposition of Group 1 accounts are presented in Exhibit 2 Tab 11 Schedule 1 page 2 of 3 **Table 26**.

CAPACITY BASED RECOVERY (CBR)

In April 2015, the IESO established charge types (CT) 1350 – CBR Class A and 1351 – CBR Class B to recover the costs of a transitional initiative called Capacity Based Recovery (CBR). HOBNI is following the OEB Accounting Guidance on Capacity Based Recovery issued on July 25, 2016 to dispose of the variances recorded in account 1580 for 2015.

In its 2015 RRR filing, HOBNI filed the principal and interest balances of Sub-Accounts RSVA – Wholesale Market Service Charge CBR Classes A and B of \$964,772 (relating to the payments made to the IESO for load months April – November 2015, plus interest) whereas the updated balance as of December 31, 2015 is \$1,050,613 (relating to the payments made to the IESO for load months April to December 2015, plus interest). The difference relates to the payment made in January 2016 for the December 2015 load month of \$85,755 plus interest of \$86 for a total of \$85,841 as per **Table 7** below.

Table 7: CBR Sub-Accounts Reconciled to 2015 RRR Filing

	CBR Principal Dec 31, 2015	CBR Interest to Dec 31 2015	CBR Balance As at Dec. 31 2015	2015 CBR Balances Reported in RRR	Difference
1580 Sub-Account - CBR Class A	84,783	70	84,854	76,836	8,018
1580 Sub-Account - CBR Class B	964,946	813	965,760	887,936	77,824
	1,049,730	884	1,050,613	964,772	85,841

HOBNI proposes to dispose of the amount of \$976,374 per **Table 8** below, which includes the Capacity Based Recovery Amounts for Class B Loads (Charge Code 1351) of \$964,946 paid for the load months of April 2015 to December 2015, plus interest of \$813 to the end of December 31, 2015 and the projected interest of \$10,614 for 2016.

Table 8: CBR Sub-Accounts Balances and Disposition

	CBR Principal Dec 31, 2015	CBR Interest to Dec 31 2015	CBR Balance As at Dec. 31 2015	Projected Interest from January 1, 2016 to December 31, 2016	CBR Balance As at Dec 31, 2016
1580 Sub-Account - CBR Class A	84,783	70	84,854	933	85,786
1580 Sub-Account - CBR Class B	964,946	813	965,760	10,614	976,374
	1,049,730	884	1,050,613	11,547	1,062,160

According to the CBR Accounting Guidance, only Class B balances will be disposed of through this rate application. \$976,374 for CBR Class B balances is therefore being disposed of per **Table 9**. When calculating the Rate Rider for the disposition of Capacity Based Recovery Amounts for Class B Loads and in order to properly allocate the balance to the newly classified Class A customers, who were Class B customers prior to July 2015, the total amount to be disposed of was divided into two parts per **Table 9** below:

- The amount of \$188,109 paid from May 2015 to July 2015 for April – June 2015 load months. This amount is to be disposed of based on kWhs consumed by Class B and former Class B customers (those who became Class A customers in July 2015), and
- The amount of \$788,265 paid from August 2015 to January 2016 for July – December 2015 load months. This amount is to be disposed of based on kWhs consumed by Class B customers (as of December 31, 2015) only.

The balance of Account 1580 Sub-Account – CBR Class A of \$85,786 as at December 31, 2015 per **Table 8** above will be billed to Class A customers as per the OEB CBR Accounting Guidance.

Table 9: USoA 1580 CBR Class B Amount for Disposition

Description	CBR Principal Dec 31, 2015	CBR Interest to Dec 31 2015	2016 Projected Interest	Total Claim
Class B Customer Amount April to June 2015 - *	\$ 185,973	\$ 90	\$ 2,046	\$ 188,109
Class B Customer Amount July to December 2015 - **	\$ 778,974	\$ 723	\$ 8,569	\$ 788,265
Total Class B CBR Disposition	\$ 964,946	\$ 813	\$ 10,614	\$ 976,374

* - Includes newly Classified Class A Customers

** - Excludes newly Classified Class A Customers

In order to allocate the Class B disposition amount, the kWhs consumed by Wholesale Market Participants and Class A customers were removed from the total kWhs. The details of the allocation by customer class is shown in **Table 10a** below.

Table 10a: Allocation of CBR Class B Balance to Customer Classes

Customer Class	Total Class B kWh	Class B kWh excluding former Class B	% of Total Class B kWh	% of Class B kWh excluding former Class B	Allocated to All Class B	Allocated to Class B Excluding former Class B	Total Allocated for Recovery
RESIDENTIAL	1,236,002,484	1,236,002,484	35.46%	36.16%	\$ 66,711.99	\$ 285,015.48	\$ 351,727.47
GS<50kW	335,907,831	335,907,831	9.64%	9.83%	\$ 18,130.29	\$ 77,458.53	\$ 95,588.81
GS 50 TO 699 KW	1,089,998,053	1,089,998,053	31.28%	31.89%	\$ 58,831.55	\$ 251,347.65	\$ 310,179.20
GS 700 TO 4,999 KW	671,520,214	671,520,214	19.27%	19.64%	\$ 36,244.63	\$ 154,848.93	\$ 191,093.55
GS 700 TO 4,999 KW (former Class B)	66,767,324	-	1.92%	0.00%	\$ 3,603.70	\$ -	\$ 3,603.70
LARGE USE	36,880,500	36,880,500	1.06%	1.08%	\$ 1,990.59	\$ 8,504.44	\$ 10,495.03
UNMETERED SCATTERED LOAD	5,230,920	5,230,920	0.15%	0.15%	\$ 282.33	\$ 1,206.22	\$ 1,488.56
STREET LIGHTING	33,380,715	33,380,715	0.96%	0.98%	\$ 1,801.69	\$ 7,697.41	\$ 9,499.10
EMBEDDED DISTRIBUTOR	9,368,608	9,368,608	0.27%	0.27%	\$ 505.66	\$ 2,160.35	\$ 2,666.01
DISTRIBUTED GENERATION [DGEN]	114,831	114,831	0.00%	0.00%	\$ 6.20	\$ 26.48	\$ 32.68
Total	3,485,171,481	3,418,404,157	100.00%	100.00%	\$ 188,108.63	\$ 788,265.49	\$ 976,374.12

Note - For the purpose of this calculation, the (former Class B) customer consumption and demand are presented separately in the table.

The calculation of the Rate Riders for Disposition of CBR Class B is shown in **Table 10b** below. The balance will be recovered over a period of 1 year.

Table 10b: Calculation of Rate Rider for Disposition of CBR Class B

Customer Class	Units	Quantity for Rate Rider	Allocated CBR	Recovery Period (Years)	Unit	Rate Rider
RESIDENTIAL	kWh	1,236,002,484	\$ 351,727.47	1	\$/kWh	\$ 0.0003
GS<50kW	kWh	335,907,831	\$ 95,588.81	1	\$/kWh	\$ 0.0003
GS 50 TO 699 KW	kW	3,019,611	\$ 310,179.20	1	\$/kW	\$ 0.1027
GS 700 TO 4,999 KW	kW	1,680,966	\$ 191,093.55	1	\$/kW	\$ 0.1137
GS 700 TO 4,999 KW (former Class B)	kW	278,059	\$ 3,603.70	1	\$/kW	\$ 0.0130
LARGE USE	kW	65,519	\$ 10,495.03	1	\$/kW	\$ 0.1602
UNMETERED SCATTERED LOAD	kWh	5,230,920	\$ 1,488.56	1	\$/kWh	\$ 0.0003
STREET LIGHTING	kW	101,054	\$ 9,499.10	1	\$/kW	\$ 0.0940
EMBEDDED DISTRIBUTOR	kWh	9,368,608	\$ 2,666.01	1	\$/kWh	\$ 0.0003
DISTRIBUTED GENERATION [DGEN]	kWh	114,831	\$ 32.68	1	\$/kWh	\$ 0.0003
Total			\$ 976,374.12			

GLOBAL ADJUSTMENT COMPONENTS BILLED BY THE IESO

The Global Adjustment (“GA”) charge accounts for the differences between the Hourly Ontario Energy Price and the rates paid to contracted generators, regulated generators, and for Conservation and Demand Management programs.

The Independent Electricity System Operator (“IESO”) uses the following three main components of the GA to calculate the monthly GA to bill Local Distribution Companies (“LDC’s”) and Wholesale Market Participants (“WMPs”) as follows:

- GA-OEFC-NUG (M\$)
 - Contracted rates administered by the Ontario Electricity Financial Corporation paid to existing generation facilities.
- GA-OPG (M\$)
 - Regulated rates to Ontario Power Generation nuclear and baseload hydroelectric generating stations.
- GA-OPA (M\$)
 - Payments made to suppliers that have been awarded contracts with the IESO (and with the former Ontario Power Authority) such as:
 - New gas-fired generation,
 - Renewable generation facilities,
 - Energy from waste and biomass,
 - Nuclear refurbishments, and
 - Delivery of conservation programs in the province, and
 - Demand response programs.

Global Adjustment Rates Billed to LDCs and WMPs by the IESO:

GA Rates are established by the IESO and are used to bill LDCs and WMPs. Total GA costs are divided between Class A GA and Class B GA.

- 1 • The IESO bills distributors Class A GA amounts based on the Class A GA Consumers
2 proportion of energy use during the five established coincident peaks and are recovered
3 from Class A GA Consumers.
- 4 • The IESO establishes an Actual Global Adjustment Rate for Class B customers, based on
5 the remaining costs, which is used to bill LDCs and WMPs and are recovered from Class
6 B GA customers.

GLOBAL ADJUSTMENT SETTLEMENT PROCESS WITH THE IESO

Global Adjustment Related kWh Volume Data Submitted to IESO

Following the practice that was approved by the Board in 2015⁶ and in accordance with the IESO guide to data submission⁷, each month Hydro One Brampton provides the IESO with both embedded generation and Class A Consumer volumes in order to support the settlement of the GA. Both prior-month actual volumes and current-month forecast volumes are submitted during the first week of any month.

The IESO uses the actual volumes of electricity for these quantities in allocating the Global Adjustment to Class B Consumers and Market Participants for the prior month. The forecast volumes of electricity are used by the IESO to prepare estimates of the Class B GA rate for the current month.

The volume reported for Class A consumers is for the same group of Class A Consumers that Hydro One Brampton used as the basis for determining the peak demand factor to settle Class A GA during the adjustment period⁸.

The volume reported by Hydro One Brampton for embedded generation includes those volumes that offset its load; total embedded generation volumes do not include injections to the IESO controlled grid. The submission includes embedded generation volumes for all non-contracted generation and all contracted generation (Renewable Energy Standard Offer Program, Hydroelectric Contract Initiative and Feed-In Tariff Program). The contracted embedded generation volumes are reported for the month they are metered, regardless of the contract approval status. Hydro One Brampton does not provide the IESO with generation amounts for facilities that are eligible for net metering (Ontario Regulation 541/05) if that generation has offset the related load. If the generation is greater than the related load, the amount injected to the LDC system is submitted to the IESO.

⁶ EB-2015-0078

⁷ Per Part 5.5 Physical Markets Settlement Statement of the IESO Guide for Online Data Submission via the IESO Portal, last revision February 2014.

⁸ Per the IESO *Market Manual 5: Settlements, Part 5.5 Physical Markets Settlement Statement*

Hydro One Brampton submits the following data to the IESO for the previous month:

- Total kWh volumes of electricity supplied during the month by Embedded generators,
- Total kWh volumes of electricity distributed during the month to Class A consumers within its service area

Hydro One Brampton submits the following data to the IESO for the current month forecast:

- The monthly kWh volumes of electricity to be supplied by Embedded generators, and
- The kWh volumes of electricity that will be distributed to Class A consumers in the month within its service area

Accrual Accounting Information Used for Settlements by Hydro One Brampton

Data submissions made to the IESO are based on accrual accounting information⁹ for the trade month being settled as HOBNI would not have received its IESO power bill for the month being settled. Hydro One Brampton uses the 2nd Estimate to accrue the GA cost and to perform IESO settlements calculations.

Settlement of Variance for Conventional Meters

The Conventional Meter Regulated Price Plan sets a lower fixed price for electricity consumption up to a monthly threshold amount, with consumption above this level at a higher price. Currently, the Ontario Energy Board (OEB) adjusts both the threshold amount and prices every six months – once during the winter season (November 1 – April 30) and once during the summer season (May 1 – October 31).

Each month Hydro One Brampton submits claims to the IESO for the difference between the Regulated Price Plan (“RPP”) and the Market Price amounts for conventional meters. Market Price is calculated using the Global Adjustment Price plus the Hourly Ontario Energy Price (“HOEP”). Further information and a detailed example of Hydro One Brampton’s process is provided in

⁹ Cost of power is accrued each month based on current data available. Settlements are performed based on this data using estimates which are trued up to actual information the following month.

1 *Exhibit 3 Appendix D.* Hydro One Brampton submits dollar amounts and kWh volumes data to the
2 IESO for settlement purposes¹⁰.

3 ***Settlement of Variance for Smart Meters***

4 The Regulated Price Plan Time-of-Use (“TOU”) Prices set the price for electricity based on when
5 the energy is consumed. Energy consumption during a month falls into three categories with
6 respect to both prices and consumption times: on-peak, mid-peak and off-peak. Currently, the OEB
7 adjusts TOU prices every six months.

8 Each month Hydro One Brampton submits claims to the IESO for the difference between the
9 Regulated Price Plan (“RPP”) vs. the Market Price amounts for Smart Meters. Market Price is
10 calculated using the Global Adjustment Price plus the Hourly Ontario Energy Price (“HOEP”).
11 Further information and a detailed example of Hydro One Brampton’s process is provided in
12 *Exhibit 3 Appendix D.* Hydro One Brampton submits dollar amounts and kWh volumes data to the
13 IESO for settlement purposes¹¹.

¹⁰ Per 5.1 Regulated Price Plan vs. Market Price – Variance for Conventional Meters of the IESO Guide for Online Data Submission via the IESO Portal, last revision January 2016.

¹¹ Ibid.

**GLOBAL ADJUSTMENT RATES & RATE RIDERS BILLED TO END-USE
CUSTOMERS**

Global Adjustment Rate for Class A GA Customers

The Global Adjustment Rate for Class A customers varies individually depending on their energy use during the five established coincident peak hours. Class A customers pay a rate based on their proportion of energy use during the five established coincident peaks. For example, if a customer is on average responsible for one per cent of electricity demand during the five established coincident peaks of the year, then its rate represents one per cent of total provincial GA costs. GA Class A customers are those with an average hourly peak demand greater than 3 MW, who participate in the Industrial Conservation Initiative (“ICI”).

Hydro One Brampton bills Class A GA Consumers based on their proportionate share of the IESO 2nd estimate of the total Provincial Global Adjustment costs adjusted for a true up to the prior month actual Provincial Global Adjustment costs. Hydro One Brampton effectively invoices Class A GA Consumers based on actual Global Adjustment Costs. Since Class A GA Consumers pay actual global adjustment costs there is no GA variance balance that would accrue to these customers from the point starting when they become Class A GA customers.

“Class A” GA Consumers Served

Hydro One Brampton served five Class A Consumers between July 1 2014 and June 30, 2015, and as of July 1st, 2015 has added seven additional Class A Consumers. As of July 1, 2016 three new Class A consumers have been added and one customer has become ineligible for the program. **Table 11** below provides the combined peak demand factor of the Class A customers for the period between July 1, 2015 and June 30, 2016. **Table 12** provides the combined peak demand factor of the Class A customers for the period between July 1, 2016 and June 30, 2017.

Table 11: Combined Peak Demand Factors for Class A as of July 1, 2015

Date	Coincident Demand (MW)	Ontario Load + Embedded Generation (MW)	Peak Demand Factor
07-Jan-15	56.584	21,610.140	0.00261840
15-Feb-15	54.735	21,416.295	0.00255576
26-Aug-14	64.007	21,650.025	0.00295644
23-Feb-15	57.935	21,402.372	0.00270694
05-Sep-14	64.410	21,715.628	0.00296607
Total	297.671	107,794.460	0.00276147

Table 12: Combined Peak Demand Factors for Class A as of July 1, 2016

Date	Coincident Demand (MW)	Ontario Load + Embedded Generation (MW)	Peak Demand Factor
28-Jul-15	70.352	23,023.710	0.00305563
29-Jul-15	69.203	22,835.441	0.00303051
17-Aug-15	70.931	22,892.239	0.00309847
27-Jul-15	71.901	22,323.277	0.00322090
03-Sep-15	73.603	22,860.233	0.00321970
Total	355.990	113,934.900	0.00312450

Global Adjustment Variance Account Balance Allocation Methodology for Newly Classified Class A Customers

In its 2015 Cost of Service application HOBNI disposed of the account balance of 1589 – RSVA Power - Global Adjustment balance as of December 31, 2013. In this application, HOBNI is disposing of the Global Adjustment balance accumulated during the two years, 2014th and 2015th. HOBNI is using the methodology established in the 2017 IRM Rate Generator Model to allocate a portion of the balance of Account 1589 RSVA Power - Global Adjustment to former Class B customers who contributed to the December 31, 2015 GA balance but have become Class A

customers at some point during the two year period from 2014 - 2015. Furthermore, Tab “6a.GA allocation _Class A” in the 2017 IRM Rate Generator Model calculates the ratio of consumption of former Class B customers (during these two years) as compared to the total Class B consumption and uses this ratio to allocate the RSVA Power – Global Adjustment between the former Class B customers (newly classified Class A customers) and the remaining Class B customers. The resulting portion of the balance of Account 1589 RSVA Power – Global Adjustment related to the consumption of newly classified Class A customers is used to calculate a customer specific amount to be recovered from each individual customer based on their consumption during the above mentioned period. The amounts calculated are to be settled with the customers through either 12 equal adjustments or a one-time settlement with each customer depending on the individual customer’s preference. **Table 28** provides the customer specific recovery amounts.

Global Adjustment Rate for Class B GA Customers

Hydro One Brampton invoices Class B customers the GA based on the 1st Estimate Class B Global Adjustment Rate. Hydro One Brampton has determined that the 1st Estimate is most appropriate due to the timing of the billing cycles and the availability of the Global Adjustment Rates data from the IESO. This approach to billing the Global Adjustment does not affect the overall amount Class B consumers pay for the GA over time. The following customers are Class B customers who are billed by LDCs:

- Customers with a peak demand over 50 kilowatts who are not Class A customers pay the wholesale electricity price and the Class B Global Adjustment Rate.
- Residential and business customers who have a Retail Contract pay a negotiated price for electricity with their retailer, plus the Class B Global Adjustment Rate as a separate line item.
- Regulated Price Plan (RPP) Class B Customers (i.e. residential and small business) pay an electricity rate set by the Ontario Energy Board. The commodity charge on these bills combines both the market price for electricity and the Global Adjustment

WHOLESALE MARKET PARTICIPANTS

Wholesale market participants (“WMP”) are customers who participate directly in the IESO administered Markets as users of electricity. They are not connected directly to the IESO-controlled grid, but are rather ‘embedded’ in a distributor’s distribution system.

HOBNI has a number of embedded WMP customers that it distributes electricity to in its service territory. HOBNI is directly connected to the IESO-controlled grid and these customers in turn are connected to HOBNI’s distribution facilities. WMP customers draw electricity from the provincial transmission grid through HOBNI’s distribution facilities. HOBNI invoices these customers for i) the use of its distribution system, and ii) the use of the Hydro One Networks Inc. (“HONI”) low voltage (“LV”) system that HONI charges as pass through charges, if applicable, and iii) the transmission grid as a pass through charges that the IESO or HONI invoices HOBNI.

Since, WMPs settle commodity and market-related charges with the IESO directly, as a consequence, a distributor must not allocate any account balances in Account 1588 RSVA - Power, Account 1580 RSVA - Wholesale Market Services Charge and Account 1589 RSVA - Global Adjustment to a WMP.

When HOBNI calculated rate riders in this application it ensured only the following remaining account balances were used to determine these charges for the WMP to settle with HOBNI. These include Account 1550 LV Variance Account, Account 1584 RSVA – Retail Transmission Network Charge, and Account 1586 RSVA – Retail Transmission Connection Charge. HOBNI did not dispose of any balances of Account 1595 – Disposition/Refund of Regulatory Balances, in this rate application.

In the OEB 2017 IRM Rate Generator model submitted with this application *as Exhibit 4, Tab 1*, HOBNI has ensured that the kWh consumption and kW demand volumes for the WMP’s have been excluded from the denominator volumes used in the determination of the Deferral/Variance Accounts Rate Rider for Non-WMPs, see Tabs “4. Billing Det. For Def-Var”, “5. Allocating Def-Var Balances”, and “7. Calculation of Def-Var RR” in the rate generator model.

1 The WMPs that HOBNI provides services to, are part of the General Service 700 to 4,999 Service
2 Classification. HOBNI calculated two rate riders for the disposition of Deferral/Variance Accounts
3 in this application for this customer class. The first rate rider is for the disposition of the following
4 Accounts: 1550 LV Variance Account, Account 1584 RSVA – Retail Transmission Network
5 Charge, and Account 1586 RSVA – Retail Transmission Connection Charge; this rate rider will
6 be charged to all customers in this class. The second rate rider is for the disposition of Account
7 1580 RSVA - Wholesale Market Services Charge, and Account 1588 RSVA – Power; this rate
8 rider will be charged to all customers in this class except the WMP customers.

9 In addition, the rate rider for the disposition of Account 1589 RSVA - Global Adjustment, excludes
10 the kWh consumption and kW demand volumes of the WMPs from the denominator volumes to
11 calculate this rate rider which will be billed to all customers except the WMP customers.

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EXHIBIT 2: MANAGER’S SUMMARY

TAB 8 (of 12)

RECOVERY OF COSTS FOR “ELIGIBLE INVESTMENTS”

RECOVERY OF COSTS FOR “ELIGIBLE INVESTMENTS”

In the 2015 Cost of Service Rate Application (EB-2014-0083), the Board approved HOBNI’s request for the funding of Renewable Generation Connection Provincial amounts included in its detailed Distribution System Plan (“DSP”), to be recovered through the IESO relating to Renewable Enabling Improvement Investments and Renewable Expansion Investments from 2015 to 2019¹². HOBNI’s detailed Distribution System Plan (“DSP”) and its funding requests for Eligible Investments for 2015 through to 2019 were approved by the Board as well.

HOBNI is requesting to collect renewable generation funding of \$89,491 in 2017 or \$7,458 per month from all provincial ratepayers, as shown in **Table 13**.

Table 13: Green Energy Plan Rate Protection Benefit and Charge in 2017¹³

Description	2017	
	Yearly	Monthly
Renewable Enabling Improvement Investments	\$ 68,512	\$ 5,709
Renewable Expansion Investments	\$ 20,979	\$ 1,748
Total Recovery:	\$ 89,491	\$ 7,458

¹² Per the OEB approved Draft Rate Order, Updated on January 12, 2015, Summary of Approvals Granted by the Board item Number 16b, page 13 of 33.

¹³ EB-2014-0083 2015 Cost of Service – Draft Rate Order Updated 20150112 – OEB Appendix 2-FB and OEB Appendix 2-FB in Appendix C – Updated Charter 2 Appendices, Filed: December 23, 2014 & updated: January 12, 2015.

EXHIBIT 2: MANAGER'S SUMMARY

TAB 9 (of 12)

DISPOSITION OF LRAM VARIANCE ACCOUNT

OVERVIEW

Hydro One Brampton continues to participate in province-wide Conservation and Demand Management (“CDM”) programs, offering them to its customers to help them reduce their bills and better manage their electricity use.

Consistent with the Ontario Energy Board’s *Guidelines for Electricity Distributor Conservation and Demand Management*,¹ EB-2012-0003, HOBNI tracks, at the customer rate-class level, actual savings from CDM programs compared to its threshold forecast amount, and calculates the lost revenue implications of this variance. For CDM programs delivered beginning in 2011, the Board established Account 1568 as the LRAM Variance Account (“LRAMVA”) to capture the variance between the reductions incorporated in the Board’s approved CDM forecast and the actual results at the customer rate class level.

The LRAMVA thresholds which were used by HOBNI in this LRAMVA recovery application are based upon both the 2011 Cost of Service Application (EB-2010-0132) for the 2013 and 2014 calculations of the lost revenues, and the 2015 Cost of Service Application (EB-2014-0083) for the 2015 lost revenue calculations.

In its 2011 Cost of Service Application (EB-2010-0132) the threshold was established at 18.4 GWh per year to account for programs offered between 2011 and 2014. In its 2015 Cost of Service settlement agreement (EB-2014-0083), the threshold was established as 53.7 GWh per year to account for programs to be offered between 2015 and 2019.

To date, the IESO has issued final, evaluated results for programs offered in 2013, 2014 and 2015. In this section, the results to date are summarized, compared to the forecast results and the implications for revenues lost are reported upon. Details of CDM results and their implications for

¹ In addition to the Board approved HOBNI specific LRAMVA threshold quantities of 53.7 GWh as per the settlement agreement in HOBNI’s most recent Cost of Service Application (EB-2014-0083).

lost revenues are provided in the appended report (Appendix E) prepared by IndEco Strategic Consulting Inc. entitled *Hydro One Brampton Networks Inc. 2013-2015 LRAMVA*

In this 2017 IRM Rate Application, Hydro One Brampton is requesting the approval for the recovery of lost revenue resulting from its CDM activities in 2013, 2014 and 2015, persisting until December 31, 2015.

HOBNI is requesting disposition of \$879,049 plus carrying charges of \$23,272 (calculated to December 31, 2016) for a total of \$902,321 from the LRAMVA account, to be recovered over one year through class-specific volumetric rate riders. Actual lost revenue amounts compared to forecast and carrying charges are summarized in **Table 14**.

Table 14: Summary of lost revenue balances by rate class

Customer Class	CDM Results (2013-2015)	Less Forecast CDM Results (2013-2015)	LRAMVA	Carrying Charges Through 2016	Total LRAMVA
RESIDENTIAL	\$ 428,230	\$ (266,768)	\$ 161,463	\$ 3,774	\$ 165,237
GENERAL SERVICE LESS THAN 50 KW	\$ 500,854	\$ (37,010)	\$ 463,844	\$ 11,461	\$ 475,305
GENERAL SERVICE 50 TO 699 KW	\$ 458,073	\$ (237,781)	\$ 220,292	\$ 7,008	\$ 227,301
GENERAL SERVICE 700 TO 4,999 KW	\$ 216,317	\$ (212,496)	\$ 3,821	\$ 559	\$ 4,380
LARGE USE	\$ 63,361	\$ (36,126)	\$ 27,235	\$ 382	\$ 27,617
UNMETERED SCATTERED LOAD		\$ (1,391)	\$ (1,391)	\$ (51)	\$ (1,442)
STREET LIGHTING		\$ 3,784	\$ 3,784	\$ 140	\$ 3,924
Total	\$ 1,666,836	\$ (787,787)	\$ 879,049	\$ 23,272	\$ 902,321

HOBNI has prepared this LRAMVA disposition proposal in accordance with Chapter 3 Incentive Rate-Setting Applications dated July 14, 2016. In doing so, HOBNI provides the following information:

- HOBNI has used the most recent input assumptions available at the time of the program evaluation when calculating its lost revenue amount.
- HOBNI has relied on the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation. The IESO Final Results for the years 2011 to 2014 can be found in Appendix F and the results for 2015 can be found in Appendix G.

3. The IndEco Report (*Appendix E*) provides a review and verification of HOBNI's lost revenue calculations, including:
- i) Confirmation of the use of correct input assumptions and lost revenue calculations
 - ii) Verified participation amounts
 - iii) The net and gross kW and kWh impacts of each program and by each customer class, both gross and net of free riders, separated by year, and
 - iv) Verification of carrying charges requested.

Load Forecast Adjustment Threshold

Table 15 below provides the Load Forecast Threshold amounts by customer class for year 2013 and 2014 from HOBNI's 2011 Cost of Service Application¹⁵.

Table 15: Load Forecast Adjustment Threshold Amounts from 2011 Cost of Service Application

Rate Class	Wholesale kWh's	kW
Residential	2,508,036	
GS < 50 kW	430,373	
GS > 50 kW to 699 kW	4,452,202	12,202
GS > 700 kW to 4,999 kW	6,492,244	14,662
Large Use	4,535,457	8,253
SLR	(73,155)	(218)
USL	39,741	
Total	18,384,898	34,900

¹⁵ As per HOBNI's OEB approved 2011 Cost of Service decision (EB-2010-0132).

Table 16 below provides Load Forecast Threshold amounts by customer class for year 2015.

Table 16: Load Forecast Adjustment Threshold Amounts from 2015 Cost of Service Application³

Rate Class	Wholesale kWh's	kW
Residential	12,486,005	
GS < 50 kW	1,448,724	
GS > 50 kW to 699 kW	23,836,892	64,526
GS > 700 kW to 4,999 kW	15,954,758	35,242
Total	53,726,380	99,768

Lost Revenue Amounts Requested

HOBNI is filing LRAM for 2013-2015 program years with persistence to the end of 2015. Forecast load reductions for 2013, 2014 and 2015 are included in **Table 17** below. **Table 17** also shows actual incremental energy savings for CDM programs in 2013-2015. The load reductions are compared with the IESO CDM Programs Energy Savings Final Results by customer class in order to calculate the lost revenue amounts for 2013, 2014 and 2015.

³ EB-2014-0083 2015 Cost of Service – Draft Rate Order Updated 20150112 – 4. Summary of Approvals Granted by the Board Filed: December 23, 2014 & updated: January 12, 2015, page 9 of 33.

Table 17: Forecast Load Reduction vs. Actual Incremental Energy Savings

CDM Programs	2013	2014	2015	Total
Forecast Load Reduction (net kWh)				
2013 CDM Programs	18,384,898			18,384,898
2014 CDM Programs		18,384,898		18,384,898
2015 CDM Programs			53,726,380	53,726,380
Total in Year	18,384,898	18,384,898	53,726,380	90,496,176
Actual Incremental Energy Savings (net kWh)				
2013 CDM Programs	51,713,173	51,592,567	51,519,965	154,825,706
2014 CDM Programs		30,407,056	29,733,928	60,140,984
2015 CDM Programs			33,457,940	33,457,940
Total in Year	51,713,173	81,999,624	114,711,833	248,424,630
Total Load Reduction for LRAMVA (net kWh)				
2013 CDM Programs	33,328,275	51,592,567	51,519,965	136,440,808
2014 CDM Programs	0	12,022,158	29,733,928	41,756,086
2015 CDM Programs	0	0	-20,268,440	-20,268,440
Total in Year	33,328,275	63,614,726	60,985,453	157,928,454

Table 18 below provides a summary of Lost Revenue of \$879,049 (excluding carrying charges) for 2013 to 2015 program years with persistence to the end of 2015.

Table 18: Lost Revenue by Year

CDM Programs	2013	2014	2015	Total
Forecast Lost Revenue by Year				
2013 CDM Programs	\$ 139,804			139,804
2014 CDM Programs		\$ 141,743		141,743
2015 CDM Programs			\$ 506,240	506,240
Total in Year	\$ 139,804	\$ 141,743	\$ 506,240	787,787
Actual Lost Revenue by Year				
2013 CDM Programs	\$ 281,013	\$ 284,690	\$ 292,228	\$ 857,931
2014 CDM Programs		\$ 234,710	\$ 235,769	\$ 470,478
2015 CDM Programs			\$ 338,427	\$ 338,427
Total in Year	\$ 281,013	\$ 519,400	\$ 866,424	\$ 1,666,836
Net Lost Revenue by Year				
2013 CDM Programs	\$ 141,208	\$ 284,690	\$ 292,228	\$ 718,127
2014 CDM Programs	\$ -	\$ 92,967	\$ 235,769	\$ 328,736
2015 CDM Programs	\$ -	\$ -	-\$ 167,813	-\$ 167,813
Total in Year	\$ 141,208	\$ 377,657	\$ 360,184	\$ 879,049

Table 19 presents the summary of lost revenue amounts by customer class for each year in which the revenue was lost (excluding carrying charges).

Table 19: Lost Revenue by Customer Class, by Year

Description	Residential	GS < 50	GS 50 to 699 KW	GS 700 to 4,999 KW	Large Use	Street Lighting	Unmetered Scattered Load	Total
2013 forecast	\$ (36,367)	\$ (6,800)	\$ (30,130)	\$ (49,757)	\$ (17,938)	\$ 1,879	\$ (691)	\$ (139,804)
2013 actuals	\$ 33,858	\$ 77,840	\$ 97,386	\$ 58,878	\$ 13,050	\$ -	\$ -	\$ 281,013
2013 cleared								\$ -
2014 forecast	\$ (36,868)	\$ (6,886)	\$ (30,552)	\$ (50,454)	\$ (18,188)	\$ 1,905	\$ (699)	\$ (141,743)
2014 actuals	\$ 128,587	\$ 152,942	\$ 145,570	\$ 68,130	\$ 24,170	\$ -	\$ -	\$ 519,400
2014 cleared								\$ -
2015 forecast	\$ (193,533)	\$ (23,324)	\$ (177,098)	\$ (112,285)	\$ -	\$ -	\$ -	\$ (506,240)
2015 actuals	\$ 265,784	\$ 270,072	\$ 215,117	\$ 89,309	\$ 26,141	\$ -	\$ -	\$ 866,424
2015 cleared								\$ -
Balance	\$ 161,463	\$ 463,844	\$ 220,292	\$ 3,821	\$ 27,235	\$ 3,784	\$ (1,391)	\$ 879,049

Carrying Charge Calculations

Carrying charges are calculated using the OEB annual prescribed interest rate of 1.47% (monthly 0.1225%) to March 31, 2015, and 1.10% (monthly 0.0917%) thereafter. **Table 20** below shows the calculation of carrying charges by customer class to December 31, 2016.

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Table 20: Carrying Charges by Rate Class

Month	Quarter	Monthly rate	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Street Lighting	Unmetered Scattered Load	Total
Jan-13	2013 Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-13	2013 Q1	0.12%	-\$0.26	\$7.25	\$6.87	\$0.93	-\$0.50	\$0.19	-\$0.07	\$14.42
Mar-13	2013 Q1	0.12%	-\$0.51	\$14.50	\$13.73	\$1.86	-\$1.00	\$0.38	-\$0.14	\$28.83
Apr-13	2013 Q2	0.12%	-\$0.77	\$21.76	\$20.60	\$2.79	-\$1.50	\$0.58	-\$0.21	\$43.25
May-13	2013 Q2	0.12%	-\$1.02	\$29.01	\$27.46	\$3.72	-\$2.00	\$0.77	-\$0.28	\$57.66
Jun-13	2013 Q2	0.12%	-\$1.28	\$36.26	\$34.33	\$4.66	-\$2.49	\$0.96	-\$0.35	\$72.08
Jul-13	2013 Q3	0.12%	-\$1.54	\$43.51	\$41.19	\$5.59	-\$2.99	\$1.15	-\$0.42	\$86.49
Aug-13	2013 Q3	0.12%	-\$1.79	\$50.76	\$48.06	\$6.52	-\$3.49	\$1.34	-\$0.49	\$100.91
Sep-13	2013 Q3	0.12%	-\$2.05	\$58.02	\$54.93	\$7.45	-\$3.99	\$1.53	-\$0.56	\$115.32
Oct-13	2013 Q4	0.12%	-\$2.30	\$65.27	\$61.79	\$8.38	-\$4.49	\$1.73	-\$0.64	\$129.74
Nov-13	2013 Q4	0.12%	-\$2.56	\$72.52	\$68.66	\$9.31	-\$4.99	\$1.92	-\$0.71	\$144.15
Dec-13	2013 Q4	0.12%	-\$2.82	\$79.77	\$75.52	\$10.24	-\$5.49	\$2.11	-\$0.78	\$158.57
Total for Rate year 2013			-\$16.90	\$478.64	\$453.14	\$61.45	-\$32.93	\$12.66	-\$4.66	\$951.39
Amount cleared										\$0.00
Opening balance for rate year 2014			-\$16.90	\$478.64	\$453.14	\$61.45	-\$32.93	\$12.66	-\$4.66	\$951.39
Jan-14	2014 Q1	0.12%	-\$3.07	\$87.02	\$82.39	\$11.17	-\$5.99	\$2.30	-\$0.85	\$172.98
Feb-14	2014 Q1	0.12%	\$6.29	\$101.93	\$94.13	\$12.98	-\$5.38	\$2.50	-\$0.92	\$211.53
Mar-14	2014 Q1	0.12%	\$15.65	\$116.84	\$105.87	\$14.78	-\$4.77	\$2.69	-\$0.99	\$250.09
Apr-14	2014 Q2	0.12%	\$25.02	\$131.75	\$117.61	\$16.59	-\$4.16	\$2.89	-\$1.06	\$288.64
May-14	2014 Q2	0.12%	\$34.38	\$146.66	\$129.35	\$18.39	-\$3.55	\$3.08	-\$1.13	\$327.19
Jun-14	2014 Q2	0.12%	\$43.74	\$161.57	\$141.10	\$20.19	-\$2.93	\$3.27	-\$1.20	\$365.74
Jul-14	2014 Q3	0.12%	\$53.11	\$176.48	\$152.84	\$22.00	-\$2.32	\$3.47	-\$1.28	\$404.30
Aug-14	2014 Q3	0.12%	\$62.47	\$191.39	\$164.58	\$23.80	-\$1.71	\$3.66	-\$1.35	\$442.85
Sep-14	2014 Q3	0.12%	\$71.83	\$206.30	\$176.32	\$25.61	-\$1.10	\$3.86	-\$1.42	\$481.40
Oct-14	2014 Q4	0.12%	\$81.19	\$221.21	\$188.06	\$27.41	-\$0.49	\$4.05	-\$1.49	\$519.95
Nov-14	2014 Q4	0.12%	\$90.56	\$236.12	\$199.80	\$29.22	\$0.12	\$4.25	-\$1.56	\$558.50
Dec-14	2014 Q4	0.12%	\$99.92	\$251.03	\$211.54	\$31.02	\$0.73	\$4.44	-\$1.63	\$597.06
Total for Rate year 2014			\$564.19	\$2,506.99	\$2,216.73	\$314.62	-\$64.48	\$53.12	-\$19.54	\$5,571.62
Amount cleared										\$0.00
Opening balance for rate year 2015			\$564.19	\$2,506.99	\$2,216.73	\$314.62	-\$64.48	\$53.12	-\$19.54	\$5,571.62
Jan-15	2015 Q1	0.12%	\$109.28	\$265.94	\$223.28	\$32.83	\$1.34	\$4.64	-\$1.70	\$635.61
Feb-15	2015 Q1	0.12%	\$116.66	\$291.13	\$227.17	\$30.48	\$4.01	\$4.64	-\$1.70	\$672.38
Mar-15	2015 Q1	0.12%	\$124.03	\$316.32	\$231.05	\$28.14	\$6.68	\$4.64	-\$1.70	\$709.15
Apr-15	2015 Q2	0.09%	\$98.33	\$255.55	\$175.80	\$19.30	\$6.99	\$3.47	-\$1.28	\$558.17
May-15	2015 Q2	0.09%	\$103.85	\$274.40	\$178.70	\$17.54	\$8.99	\$3.47	-\$1.28	\$585.68
Jun-15	2015 Q2	0.09%	\$109.37	\$293.25	\$181.61	\$15.79	\$10.99	\$3.47	-\$1.28	\$613.20
Jul-15	2015 Q3	0.09%	\$114.89	\$312.10	\$184.51	\$14.03	\$12.98	\$3.47	-\$1.28	\$640.71
Aug-15	2015 Q3	0.09%	\$120.41	\$330.95	\$187.41	\$12.28	\$14.98	\$3.47	-\$1.28	\$668.22
Sep-15	2015 Q3	0.09%	\$125.93	\$349.80	\$190.32	\$10.52	\$16.98	\$3.47	-\$1.28	\$695.74
Oct-15	2015 Q4	0.09%	\$131.45	\$368.64	\$193.22	\$8.77	\$18.97	\$3.47	-\$1.28	\$723.25
Nov-15	2015 Q4	0.09%	\$136.97	\$387.49	\$196.13	\$7.01	\$20.97	\$3.47	-\$1.28	\$750.77
Dec-15	2015 Q4	0.09%	\$142.49	\$406.34	\$199.03	\$5.26	\$22.97	\$3.47	-\$1.28	\$778.28
Total for Rate year 2015			\$1,997.87	\$6,358.90	\$4,584.95	\$516.56	\$82.37	\$98.25	-\$36.12	\$13,602.78
Amount cleared										\$0.00
Opening balance for rate year 2016			\$1,997.87	\$6,358.90	\$4,584.95	\$516.56	\$82.37	\$98.25	-\$36.12	\$13,602.78
Jan-16	2016 Q1	0.09%	\$148.01	\$425.19	\$201.93	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Feb-16	2016 Q1	0.09%	\$148.01	\$425.19	\$201.93	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Mar-16	2016 Q1	0.09%	\$148.01	\$425.19	\$201.93	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Apr-16	2016 Q2	0.09%	\$148.01	\$425.19	\$201.93	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
May-16	2016 Q2	0.09%	\$148.01	\$425.19	\$201.93	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Jun-16	2016 Q2	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Jul-16	2016 Q3	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Aug-16	2016 Q3	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Sep-16	2016 Q3	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Oct-16	2016 Q4	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Nov-16	2016 Q4	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Dec-16	2016 Q4	0.09%	\$148.01	\$425.19	\$203.78	\$3.50	\$24.97	\$3.47	-\$1.28	\$805.79
Total for Rate year 2016			\$1,776.09	\$5,102.28	\$2,436.15	\$42.04	\$299.59	\$41.63	-\$15.30	\$23,272.32
Amount cleared										\$0.00
Opening balance for rate year 2017			\$1,776.09	\$5,102.28	\$2,436.15	\$42.04	\$299.59	\$41.63	-\$15.30	\$23,272.32

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3

Disposition of the LRAMVA

HOBNI seeks disposition of the indicated LRAMVA amount, to be recovered through customer class specific volumetric rate riders over one year. Calculations of rate riders are shown in **Table 21** below.

Table 21: Requested rate riders for disposition of the LRAMVA

Customer Class	Volumes for Determining Rate Rider	Allocated Balance	Recovery Period (Years)	Unit	Rate Rider
RESIDENTIAL	1,236,002,484	\$ 165,237	1	\$/kWh	0.0001
GENERAL SERVICE LESS THAN 50 KW	335,907,831	\$ 475,305	1	\$/kWh	0.0014
GENERAL SERVICE 50 TO 699 KW	3,019,611	\$ 227,301	1	\$/kW	0.0753
GENERAL SERVICE 700 TO 4,999 KW	2,067,302	\$ 4,380	1	\$/kW	0.0021
LARGE USE	677,995	\$ 27,617	1	\$/kW	0.0407
UNMETERED SCATTERED LOAD	5,230,920	\$ (1,442)	1	\$/kWh	(0.0003)
STREET LIGHTING	101,054	\$ 3,924	1	\$/kW	0.0388
Total		\$ 902,321			

HOBNI notes that there is a difference of \$371,611 between the LRAMVA account 1568 amount of \$892,652 per Tab "3. Continuity Schedule" of the 2017 IRM Rate Generator Model as compared to the 2015 RRR filing amounts of \$521,041 as per **Table 22** below.

Table 22: Reconciliation of 2015 RRR Filing vs 2017 IRM Continuity Schedule

Account Description	Account No.	2015 Account Balance Per Continuity Schedule	2015 Account Balance Reported in RRR Filing	Difference
LRAM Variance Account	1568	\$ 892,652	\$ 521,041	\$ 371,611

The primary difference relates to the estimated nature of the amount calculated for RRR filing purposes, prepared prior to the issuance of the IESO net verified final 2015 results. Such results, issued on June 30, 2016, include more accurate results from CDM programs and include information to allow for more precise allocation percentages to rate classes. Such precision was

not available prior to the issuance of the IESO results. The figure included for RRR purposes was prepared using the best information available at the time.

The LRAMVA account balance for disposition to the end of 2016 is \$902,321 including carrying charges to December 31, 2016 \$9,670, per **Table 23** below.

Table 23: LRAMVA Balance for Disposition

Account Description	Account No.	2015 Principal Balance	2015 Carrying Charge Balance	Balance Per Continuity Schedule	2016 Carrying Charges	Account Balance For Disposition
LRAM Variance Account	1568	\$ 879,049	\$ 13,603	\$ 892,652	\$ 9,670	\$ 902,321

Additionally, HOBNI requests approval to recover any lost revenue due to retroactive adjustments made by the IESO for the years 2014 and 2015 in future LRAM VA rate proceedings should such adjustments occur. Subsequent adjustments were made by the IESO to the 2011 and 2012 results and HOBNI determined the amount were small and therefore HOBNI did not request an adjustment to its previous claims. However, since the potential can be significant, as was the case relating to the IESO CDM adjustments that were made for the 2013 Program year, HOBNI requests the ability to made retroactive adjustments in future LRAM VA claims.

EXHIBIT 2: MANAGER'S SUMMARY

TAB 10 (of 12)

TAX CHANGES

1

TAX CHANGES

2 The OEB policy, as described in the Board's 2008 Report entitled *Supplemental Report of the*
3 *Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors* (the
4 "Supplemental Report"), prescribes a 50/50 sharing of impacts of legislated tax changes from
5 distributors' tax rates embedded in their OEB approved base rates. If applicable, these amounts
6 will be refunded to customers over a 12 month period.

7 In this application, HOBNI is not applying for a rate rider associated with the 50/50 sharing of the
8 legislated tax change impact as HOBNI's corporate tax rates for 2016 and 2017 are 26.50% and
9 are not expected to changed. Therefore, there is no shared tax savings in this rate application.

EXHIBIT 2: MANAGER'S SUMMARY

TAB 11 (of 12)

SUMMARY OF RATES AND RIDERS REQUESTED

SUMMARY OF RATES AND RIDERS REQUESTED

Below in **Table 24** is a summary of the proposed Fixed Rates and Fixed Rate Riders. In addition, **Table 25** is a summary of the proposed Variable Rates, and **Table 26**, and **Table 27** provide the summary of the proposed Variable Rate Riders. See the 2017 IRM Rate Generator model in *Exhibit 4 Tab 1* for details. In addition, the proposed allocation of the Global Adjustment balances to former Class B customer is shown in **Table 28**.

Table 24: Summary of Proposed Fixed Rates & Rate Riders

Rate Class	Fixed Metric	Monthly Service Charge	Rate Rider for Smart Metering Entity Charge
Residential	Customer	\$ 17.67	\$ 0.79
General Service Less Than 50 Kw	Customer	\$ 25.16	\$ 0.79
General Service 50 To 699 Kw	Customer	\$ 125.58	\$ -
General Service 700 To 4,999 Kw	Customer	\$ 1,133.06	\$ -
Large Use > 5000 kW	Customer	\$ 4,714.93	\$ -
Unmetered Scattered Load	Connection	\$ 1.09	\$ -
Street Lighting	Connection	\$ 2.30	\$ -
Embedded Distributor	Customer	\$ 4,168.01	\$ -
Distributed Generation [Dgen]	Customer	\$ 104.17	\$ -
Energy From Waste	Customer	\$ 63.22	\$ -
Microfit	Customer	\$ 5.40	\$ -

Table 25: Summary of Proposed Variable Rates

Rate Class	Variable Metric	Variable Charge	Transmission Network Rate	Transmission Connection Rate
Residential	kWh	\$ 0.0080	\$ 0.0074	\$ 0.0057
General Service Less Than 50 Kw	kWh	\$ 0.0167	\$ 0.0066	\$ 0.0048
General Service 50 To 699 Kw	kW	\$ 2.8443	\$ 2.5604	\$ 1.9177
General Service 700 To 4,999 Kw	kW	\$ 3.3018	\$ 2.8714	\$ 2.0614
Large Use > 5000 kW	kW	\$ 2.4998	\$ 3.2499	\$ 2.3826
Unmetered Scattered Load	kWh	\$ 0.0199	\$ 0.0066	\$ 0.0048
Street Lighting	kWh	\$ 11.5615	\$ 2.1319	\$ 1.5966
Stand By Power	kW	\$ 1.6813	\$ -	\$ -
Embedded Distributor	kW	\$ -	\$ 2.8714	\$ 2.0614
Distributed Generation	kWh	\$ -	\$ 0.0066	\$ 0.0048

Table 26: Summary of Proposed Variable Rate Riders

Rate Class	Variable Metric	Rate Rider for Deferral/Variance Account Disposition	Rate Rider for Deferral/Variance Account Disposition - Non WMP only	Rate Rider for Disposition of LRAM Variance Account (LRAMVA)	Rate Rider for Disposition of Account 1576	Rate Rider for Disposition of CBR Class B Sub -Account	Rate Rider for Disposition of CBR Class B Sub -Account - Class A, formerly Class B only
Residential	kWh	(0.0038)	-	0.0001	0.0005	0.0003	-
General Service Less Than 50 Kw	kWh	(0.0038)	-	0.0014	0.0005	0.0003	-
General Service 50 To 699 Kw	kW	(1.3502)	-	0.0753	0.1771	0.1027	-
General Service 700 To 4,999 Kw	kW	0.0372	(1.5808)	0.0021	0.2029	0.1137	0.0130
Large Use > 5000 kW	kW	(2.0206)	-	0.0407	0.2634	0.1602	-
Unmetered Scattered Load	kWh	(0.0037)	-	(0.0003)	0.0005	0.0003	-
Street Lighting	kW	(1.2356)	-	0.0388	0.1640	0.0940	-
Stand By Power	kW	-	-	-	-	-	-
Embedded Distributor	kWh	(0.0037)	-	-	-	0.0003	-
Distributed Generation	kWh	(0.0037)	-	-	-	0.0003	-

Table 27: Summary of Proposed Variable Rate Riders (Cont'd)

Rate Class	Variable Metric	Rate Rider for Disposition of Global Adjustment Account
Residential	kWh	\$ 0.0049
General Service Less Than 50 Kw	kWh	\$ 0.0049
General Service 50 To 699 Kw	kWh	\$ 0.0049
General Service 700 To 4,999 Kw	kWh	\$ 0.0049
Large Use > 5000 kW	kWh	\$ 0.0049
Unmetered Scattered Load	kWh	\$ 0.0049
Street Lighting	kWh	\$ 0.0049
Stand By Power	kWh	\$ 0.0049
Embedded Distributor	kWh	\$ 0.0049
Distributed Generation	kWh	\$ 0.0049

Table 28: Proposed Allocation of Global Adjustment Balances to Former Class B Customers

Customer	Monthly Equal Payments
1	\$ 6,703.94
2	\$ 6,766.32
3	\$ 6,781.21
4	\$ 5,225.81
5	\$ 6,433.00
6	\$ 4,651.60
7	\$ 4,590.11

EXHIBIT 2: MANAGER'S SUMMARY

TAB 12 (of 12)

CUSTOMER BILL IMPACT SUMMARY

CUSTOMER BILL IMPACT SUMMARY

HOBNI presents the customer bill impacts in this section. **Table 29** below provides a summary of the detailed bill impact tables presented in *Exhibit 3 Appendix C* based on information from the 2017 IRM Rate Generator Model. HOBNI used the default market energy rates and the RPP rates in the bill impact calculations as provided in the 2017 IRM Rate Generator Model in Tab “20. Bill Impacts”.

Residential Class Customers consuming 347 kWh have an impact equal to 1.1%, which is less than 10%. Therefore, no bill impact mitigation measures are required.

As shown in **Table 29** below, the Distributed Generation Class has a total bill impact greater than 10%. The main reason for this significant bill impact is the Revenue to Cost Ratio adjustment made for this class, per *Exhibit 2 Tab 4 Schedule 1*. Although this bill impact is high, when this class was originally established in HOBNI’s 2015 Cost of Service Rate Application, the bill impact was over 10% as well, and it was understood that the bill impacts for this class would continue to be high until the target Revenue to Cost Ratio of 85% is achieved in 2017.

Exhibit 3 Appendix C identifies existing rates, proposed changes to rates, and detailed bill impact for each of the following:

Sub-Total A - Percentage change in distribution excluding pass through costs,

Sub-Total B - Percentage change in distribution,

Sub-Total C - Percentage change in delivery, and

Total Bill - Percentage change in total bill

The total bill impacts are calculated for each rate class at various levels of consumption.

Table 29: Impacts on Total Bill for Typical Customer by Rate Class Rate

Rate Class	Variable Metric	kWh Quantity	kW Quantity	Distribution \$ Change	Distribution % Change	Delivery \$ Change	Delivery % Change	Total Bill \$ Change	Total Bill % Change
Residential	kWh	347		\$ 0.85	4.1%	\$ 0.71	2.8%	\$ 0.80	1.1%
Residential	kWh	500		\$ (0.25)	-1.1%	\$ (0.46)	-1.5%	\$ (0.52)	-0.5%
Residential	kWh	750		\$ (2.05)	-7.5%	\$ (2.36)	-6.3%	\$ (2.67)	-1.9%
Residential	kWh	1,000		\$ (3.85)	-12.3%	\$ (4.26)	-9.4%	\$ (4.82)	-2.6%
Residential	kWh	1,500		\$ (7.45)	-19.0%	\$ (8.07)	-13.4%	\$ (9.12)	-3.4%
Residential	kWh	2,000		\$ (11.05)	-23.4%	\$ (11.88)	-15.8%	\$ (13.42)	-3.8%
General Service Less Than 50 kW	kWh	1,000		\$ (1.41)	-3.0%	\$ (1.72)	-2.9%	\$ (1.94)	-0.9%
General Service Less Than 50 kW	kWh	2,000		\$ (3.21)	-4.8%	\$ (3.83)	-4.2%	\$ (4.33)	-1.1%
General Service Less Than 50 kW	kWh	5,000		\$ (8.61)	-6.7%	\$ (10.16)	-5.4%	\$ (11.48)	-1.3%
General Service Less Than 50 kW	kWh	10,000		\$ (17.61)	-7.6%	\$ (20.71)	-5.9%	\$ (23.40)	-1.3%
General Service Less Than 50 kW	kWh	15,000		\$ (26.61)	-7.9%	\$ (31.26)	-6.0%	\$ (35.33)	-1.3%
General Service 50 to 699 kW	kW	36,500	100	\$ 68.88	16.4%	\$ 57.08	6.5%	\$ 64.50	1.0%
General Service 50 to 699 kW	kW	60,955	167	\$ 113.54	18.3%	\$ 93.84	6.8%	\$ 106.03	1.0%
General Service 50 to 699 kW	kW	182,500	500	\$ 335.52	20.9%	\$ 276.52	7.1%	\$ 312.46	1.0%
General Service 700 to 4,999 kW	kW	438,000	1,000	\$ 796.83	17.5%	\$ 663.83	6.9%	\$ 750.13	1.0%
General Service 700 to 4,999 kW	kW	627,216	1,432	\$ 1,132.41	18.7%	\$ 941.95	7.1%	\$ 1,064.41	1.0%
General Service 700 to 4,999 kW	kW	919,800	2,100	\$ 1,651.31	19.8%	\$ 1,372.01	7.2%	\$ 1,550.37	1.0%
Large Use > 5000 kW	kW	4,854,500	9,500	\$ 7,003.17	23.0%	\$ 5,576.27	6.5%	\$ 6,301.19	0.8%
Large Use > 5000 kW	kW	10,220,000	20,000	\$ 14,651.37	24.8%	\$ 11,647.37	6.7%	\$ 13,161.53	0.8%
Unmetered Scattered Load, RPP	kWh	150		\$ (0.48)	-10.3%	\$ (0.52)	-8.1%	\$ (0.59)	-2.2%
Unmetered Scattered Load	kWh	21,296		\$ 37.79	6.0%	\$ 31.19	3.5%	\$ 35.24	0.9%
Street Lighting	kW	150	1	\$ (0.12)	-0.9%	\$ (0.22)	-1.3%	\$ (0.25)	-0.6%
Street Lighting	kW	2,787,508	7,922	\$ 7,366.22	5.3%	\$ 6,587.49	3.9%	\$ 7,443.87	1.2%
Standby Power	kW	n/a	4,548	\$ 135.08	1.8%	\$ 135.08	1.8%	\$ 152.64	1.8%
Embedded Distributor	kWh	1,417,701	4,000	\$ 2,200.25	53.7%	\$ 1,668.25	6.8%	\$ 1,885.12	0.8%
Distributor Generation	kWh	156		\$ 21.65	26.0%	\$ 21.61	25.3%	\$ 24.41	20.5%

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EXHIBIT 3

APPENDICES

EXHIBIT 3: APPENDICES

APPENDIX A

HOBNI 2016 CURRENT TARIFF AND RATES SHEET

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account where the electricity is supplied exclusively to single-family dwelling units for domestic or household purposes, including seasonal occupancy. This includes, but is not limited to, detached houses, one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex 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	\$	14.32
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0118
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

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.

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;

but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
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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)
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Class C

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

(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;
but does not include account-holders in Class G.
OESP Credit

\$ (38.00)

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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)
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Class E

Class E comprises account-holders with a household income and household size described 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.

OESP Credit	\$	(45.00)
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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 following conditions:

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)
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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.

OESP Credit	\$	(55.00)
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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.

OESP Credit	\$	(60.00)
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Class I

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

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)

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall normally be classified as general service. Where service is provided to combined residential and business, or residential and agricultural, whether seasonal or all-year premises, and the wiring does not provide for separate metering, the service shall normally be classed as general service. 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	\$	24.77
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0164
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 700 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.

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	\$	123.36
Distribution Volumetric Rate	\$/kW	2.7940
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1771
Retail Transmission Rate - Network Service Rate	\$/kW	2.6937
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9024

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 700 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.

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	\$	1,113.03
Distribution Volumetric Rate	\$/kW	3.2434
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2029
Retail Transmission Rate - Network Service Rate	\$/kW	3.0209
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand over 12 consecutive months used for billing purposes is equal to or greater than 5,000 kW, or is forecast to be equal to or greater 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.

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	\$	4,631.56
Distribution Volumetric Rate	\$/kW	2.4556
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2634
Retail Transmission Rate - Network Service Rate	\$/kW	3.4191
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3636

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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EB-2015-0078

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 (per connection)	\$	1.07
Distribution Volumetric Rate	\$/kWh	0.0195
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

STREET LIGHTING SERVICE CLASSIFICATION

All service supplied to roadway lighting equipment owned by or operated by the City of Brampton, Regional Municipality of Peel, or the Ministry of Transportation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB 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 (per connection)	\$	2.26
Distribution Volumetric Rate	\$/kW	11.3571
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1640
Retail Transmission Rate - Network Service Rate	\$/kW	2.2429
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5839

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - Approved on an Interim Basis

Distribution Volumetric Rate	\$/kW	1.6516
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Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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	\$	4,094.31
Retail Transmission Rate - Network Service Rate	\$/kW	3.0209
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION

This classification applies to a distributed generator that is not a microFIT or an Energy from Waste Generator 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. 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	\$	82.75
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

ENERGY FROM WASTE SERVICE CLASSIFICATION

This classification applies to an electricity generation facility that is not covered by a microFIT or Distributed Generation classification which produces energy from combustion of consumer waste with the capability to generate over 4,000 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.

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	\$	62.10
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Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

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. 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	\$	5.40
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Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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EB-2015-0078

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month		
General Service less than 50 kW Classification	\$/kWh	(0.0032)
General Service 50 to 699 kW Classification	\$/kW	(0.6840)
General Service 700 to 4,999 kW Classification	\$/kW	(0.8515)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

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 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
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Special billing service (aggregation)	\$	125.00
Special billing service (sub-metering charge per meter)	\$	25.00

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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approved schedules of Rates, Charges and Loss Factors

EB-2015-0078

Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Disconnect/reconnection for >300 volts - during regular hours	\$	60.00
Disconnect/reconnection for >300 volts - after regular hours	\$	155.00

Other

Owner requested disconnection/reconnection - during regular hours	\$	120.00
Owner requested disconnection/reconnection - after regular hours	\$	155.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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EB-2015-0078

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
Monthly variable charge, per customer, per retailer	\$/cust.	0.50
Distributor-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 distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0341
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Schedule B

To Decision and Rate Order

List of Rates and Charges Not Affected by the Price Cap or Annual IR Index

OEB File No: EB-2015-0078

DATED: December 10, 2015

The following rates and charges are not affected by the Price Cap or Annual IR Index:

- Rate riders
- Rate adders
- Low voltage service charges
- Retail transmission service rates
- Wholesale market service rate
- Rural or remote electricity rate protection charge
- Standard supply service – administrative charge
- Transformation and primary metering allowances
- Loss factors
- Specific service charges
- microFit charge
- Retail service charges

EXHIBIT 3: APPENDICES

APPENDIX B

HOBNI 2017 PROPOSED TARIFF AND RATES SHEET

Hydro One Brampton Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2017
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2016-0080

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account where the electricity is supplied exclusively to single-family dwelling units for domestic or household purposes, including seasonal occupancy. This includes, but is not limited to, detached houses, one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex 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.

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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	\$	17.67
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0080
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

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

Hydro One Brampton Networks Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2017
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EB-2016-0080

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.

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;
but does not include account-holders in Class E.

OESP Credit \$ (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;
but does not include account-holders in Class G.

\$ (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

Class E comprises account-holders with a household income and household size described 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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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- (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 following conditions:

- 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)

Hydro One Brampton Networks Inc.

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GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall normally be classified as general service. Where service is provided to combined residential and business, or residential and agricultural, whether seasonal or all-year premises, and the wiring does not provide for separate metering, the service shall normally be classed as general service. 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	\$	25.16
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0167
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

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GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 700 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.

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", and certain rate riders in the "MONTHLY Rates AND CHARGES - Delivery 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	\$	125.58
Distribution Volumetric Rate	\$/kW	2.8443
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0753
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.3502)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1771
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kW	0.1027
Retail Transmission Rate - Network Service Rate	\$/kW	2.5604
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9177

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

Hydro One Brampton Networks Inc.

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GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 700 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.

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", and certain rate riders in the "MONTHLY Rates AND CHARGES - Delivery 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	\$	1,133.06
Distribution Volumetric Rate	\$/kW	3.3018
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Global Adjustment Account (2017) - Applicable to Class A, formerly Class B - effective until December 31, 2017	\$	customer specific
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.5808)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	0.0372
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2029
Rate Rider for Disposition of CBR Class B (2017) - Applicable only to Class B customers - effective until December 31, 2017	\$/kW	0.1137
Rate Rider for Disposition of CBR Class B (2017) - For Class A, formerly Class B - effective until December 31, 2017	\$/kW	0.0130
Retail Transmission Rate - Network Service Rate	\$/kW	2.8714
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614

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

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LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand over 12 consecutive months used for billing purposes is equal to or greater than 5,000 kW, or is forecast to be equal to or greater 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.

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", and certain rate riders in the "MONTHLY Rates AND CHARGES - Delivery 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	\$	4,714.93
Distribution Volumetric Rate	\$/kW	2.4998
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0407
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(2.0206)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2634
Rate Rider for Disposition of CBR Class B (2017) - Applicable only to Class B customers - effective until December 31, 2017	\$/kW	0.1602
Retail Transmission Rate - Network Service Rate	\$/kW	3.2499
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3826

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

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 (per connection)	\$	1.09
Distribution Volumetric Rate	\$/kWh	0.0199
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

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STREET LIGHTING SERVICE CLASSIFICATION

All service supplied to roadway lighting equipment owned by or operated by the City of Brampton, Regional Municipality of Peel, or the Ministry of Transportation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB 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.

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 (per connection)	\$	2.30
Distribution Volumetric Rate	\$/kW	11.5615
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0388
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.2356)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1640
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kW	0.0940
Retail Transmission Rate - Network Service Rate	\$/kW	2.1319
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5966

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

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STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - Approved on an Interim Basis

Distribution Volumetric Rate	\$/kW	1.6813
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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", and certain rate riders in the "MONTHLY Rates AND CHARGES - Delivery 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	\$	4,168.01
Rate Rider for Deferral/Variance Account Disposition (2017) - effective until December 30, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kW	2.8714
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614

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

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DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION

This classification applies to a distributed generator that is not a microFIT or an Energy from Waste Generator 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	\$	104.17
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

ENERGY FROM WASTE SERVICE CLASSIFICATION

This classification applies to an electricity generation facility that is not covered by a microFIT or Distributed Generation classification which produces energy from combustion of consumer waste with the capability to generate over 4,000 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.

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	\$	63.22
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Hydro One Brampton Networks Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0080

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
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month

General Service less than 50 kW Classification	\$/kWh	(0.0032)
General Service 50 to 699 kW Classification	\$/kW	(0.6840)
General Service 700 to 4,999 kW Classification	\$/kW	(0.8515)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

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SPECIFIC SERVICE CHARGES

APPLICATION

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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
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Special billing service (aggregation)	\$	125.00
Special billing service (sub-metering charge per meter)	\$	25.00

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
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Disconnect/reconnection for >300 volts - during regular hours	\$	60.00
Disconnect/reconnection for >300 volts - after regular hours	\$	155.00

Other

Owner requested disconnection/reconnection - during regular hours	\$	120.00
Owner requested disconnection/reconnection - after regular hours	\$	155.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

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EB-2016-0080

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
Monthly variable charge, per customer, per retailer	\$/cust.	0.50
Distributor-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 distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0341
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

EXHIBIT 3: APPENDICES

APPENDIX C

DETAILED BILL IMPACT

Bill Impacts

Customer Class: Residential

RPP/non-RPP RPP

Consumption 347 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	347	\$4.09	\$ 0.0080	347	\$2.78	(\$1.32)	-32.20%
Fixed Rate Riders	per kWh	\$ -	347	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	347	\$0.17	\$ 0.0006	347	\$0.21	\$0.03	20.00%
Sub-Total A (excluding pass through)				\$18.59			\$20.65	\$2.07	11.12%
Line Losses on Cost of Power	per kWh	\$ 0.1114	12	\$1.32	\$ 0.1114	12	\$1.32	\$0.00	0.00%
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	347	\$0.00	-\$ 0.0035	347	(\$1.21)	(\$1.21)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	347	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$20.70			\$21.55	\$0.85	4.11%
RTSR - Network	per kWh	\$ 0.0078	359	\$2.80	\$ 0.0074	359	\$2.66	(\$0.14)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	359	\$2.05	\$ 0.0057	359	\$2.05	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$25.54			\$26.25	\$0.71	2.77%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	359	\$1.29	\$ 0.0036	359	\$1.29	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	359	\$0.47	\$ 0.0013	359	\$0.47	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	359	\$0.39	\$ 0.0011	359	\$0.39	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	226	\$19.62	\$ 0.0870	226	\$19.62	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	59	\$7.79	\$ 0.1320	59	\$7.79	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	62	\$11.24	\$ 0.1800	62	\$11.24	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$66.60			\$67.30	\$0.71	1.06%
HST		13%		\$8.66	13%		\$8.75	\$0.09	1.06%
Total Bill on TOU				\$75.25			\$76.05	\$0.80	1.06%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class: Residential

RPP/non-RPP RPP

Consumption 500 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	500	\$5.90	\$ 0.0080	500	\$4.00	(\$1.90)	-32.20%
Fixed Rate Riders	per kWh	\$ -	500	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	500	\$0.25	\$ 0.0006	500	\$0.30	\$0.05	20.00%
Sub-Total A (excluding pass through)				\$20.47			\$21.97	\$1.50	7.33%
Line Losses on Cost of Power	per kWh	\$ 0.1114	17	\$1.90	\$ 0.1114	17	\$1.90	\$0.00	0.00%
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	500	\$0.00	-\$ 0.0035	500	(\$1.75)	(\$1.75)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	500	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$23.16			\$22.91	(\$0.25)	-1.08%
RTSR - Network	per kWh	\$ 0.0078	517	\$4.03	\$ 0.0074	517	\$3.83	(\$0.21)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	517	\$2.95	\$ 0.0057	517	\$2.95	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$30.14			\$29.68	(\$0.46)	-1.52%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	517	\$1.86	\$ 0.0036	517	\$1.86	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	517	\$0.67	\$ 0.0013	517	\$0.67	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	517	\$0.57	\$ 0.0011	517	\$0.57	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	325	\$28.28	\$ 0.0870	325	\$28.28	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	85	\$11.22	\$ 0.1320	85	\$11.22	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	90	\$16.20	\$ 0.1800	90	\$16.20	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$89.19			\$88.73	(\$0.46)	-0.51%
HST		13%		\$11.59	13%		\$11.53	(\$0.06)	-0.51%
Total Bill on TOU				\$100.78			\$100.26	(\$0.52)	-0.51%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class: Residential

RPP/non-RPP RPP

Consumption 750 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	750	\$8.85	\$ 0.0080	750	\$6.00	(\$2.85)	-32.20%
Fixed Rate Riders	per kWh	\$ -	750	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	750	\$0.38	\$ 0.0006	750	\$0.45	\$0.08	20.00%
Sub-Total A (excluding pass through)				\$23.55			\$24.12	\$0.57	2.44%
Line Losses on Cost of Power	per kWh	\$ 0.1114	26	\$2.85	\$ 0.1114	26	\$2.85	\$0.00	0.00%
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	750	\$0.00	-\$ 0.0035	750	(\$2.63)	(\$2.63)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	750	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$27.18			\$25.13	(\$2.05)	-7.54%
RTSR - Network	per kWh	\$ 0.0078	776	\$6.05	\$ 0.0074	776	\$5.74	(\$0.31)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	776	\$4.42	\$ 0.0057	776	\$4.42	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$37.65			\$35.29	(\$2.36)	-6.27%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	776	\$2.79	\$ 0.0036	776	\$2.79	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	776	\$1.01	\$ 0.0013	776	\$1.01	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	776	\$0.85	\$ 0.0011	776	\$0.85	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	488	\$42.41	\$ 0.0870	488	\$42.41	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	128	\$16.83	\$ 0.1320	128	\$16.83	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	135	\$24.30	\$ 0.1800	135	\$24.30	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$126.10			\$123.74	(\$2.36)	-1.87%
HST		13%		\$16.39	13%		\$16.09	(\$0.31)	-1.87%
Total Bill on TOU				\$142.49			\$139.83	(\$2.67)	-1.87%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class: Residential

RPP/non-RPP RPP

Consumption 1,000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	1000	\$11.80	\$ 0.0080	1000	\$8.00	(\$3.80)	-32.20%
Fixed Rate Riders	per kWh	\$ -	1000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	1000	\$0.50	\$ 0.0006	1000	\$0.60	\$0.10	20.00%
Sub-Total A (excluding pass through)				\$26.62			\$26.27	(\$0.35)	-1.31%
Line Losses on Cost of Power	per kWh	\$ 0.1114	34	\$3.80	\$ 0.1114	34	\$3.80	\$0.00	0.00%
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	1000	\$0.00	-\$ 0.0035	1000	(\$3.50)	(\$3.50)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	1000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$31.21			\$27.36	(\$3.85)	-12.34%
RTSR - Network	per kWh	\$ 0.0078	1034	\$8.07	\$ 0.0074	1034	\$7.65	(\$0.41)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	1034	\$5.89	\$ 0.0057	1034	\$5.89	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$45.17			\$40.91	(\$4.26)	-9.44%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	1034	\$3.72	\$ 0.0036	1034	\$3.72	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	1034	\$1.34	\$ 0.0013	1034	\$1.34	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	1034	\$1.14	\$ 0.0011	1034	\$1.14	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	650	\$56.55	\$ 0.0870	650	\$56.55	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	170	\$22.44	\$ 0.1320	170	\$22.44	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	180	\$32.40	\$ 0.1800	180	\$32.40	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$163.01			\$158.75	(\$4.26)	-2.62%
HST		13%		\$21.19	13%		\$20.64	(\$0.55)	-2.62%
Total Bill on TOU				\$184.21			\$179.39	(\$4.82)	-2.62%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class: Residential

RPP/non-RPP RPP

Consumption 1,500 kWh

		Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	1500	\$17.70	\$ 0.0080	1500	\$12.00	(\$5.70)	-32.20%
Fixed Rate Riders	per kWh	\$ -	1500	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	1500	\$0.75	\$ 0.0006	1500	\$0.90	\$0.15	20.00%
Sub-Total A (excluding pass through)				\$32.77			\$30.57	(\$2.20)	-6.71%
Line Losses on Cost of Power	per kWh	\$ 0.1114	51	\$5.70	\$ 0.1114	51	\$5.70	\$0.00	0.00%
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	1500	\$0.00	-\$ 0.0035	1500	(\$5.25)	(\$5.25)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	1500	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$39.26			\$31.81	(\$7.45)	-18.98%
RTSR - Network	per kWh	\$ 0.0078	1551	\$12.10	\$ 0.0074	1551	\$11.48	(\$0.62)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	1551	\$8.84	\$ 0.0057	1551	\$8.84	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$60.20			\$52.13	(\$8.07)	-13.41%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	1551	\$5.58	\$ 0.0036	1551	\$5.58	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	1551	\$2.02	\$ 0.0013	1551	\$2.02	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	1551	\$1.71	\$ 0.0011	1551	\$1.71	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	975	\$84.83	\$ 0.0870	975	\$84.83	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	255	\$33.66	\$ 0.1320	255	\$33.66	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	270	\$48.60	\$ 0.1800	270	\$48.60	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$236.84			\$228.77	(\$8.07)	-3.41%
HST		13%		\$30.79	13%		\$29.74	(\$1.05)	-3.41%
Total Bill on TOU				\$267.63			\$258.51	(\$9.12)	-3.41%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class: Residential

RPP/non-RPP RPP

Consumption 2,000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 14.32	1	\$14.32	\$ 17.67	1	\$17.67	\$3.35	23.39%
Distribution Volumetric Rate	per kWh	\$ 0.0118	2000	\$23.60	\$ 0.0080	2000	\$16.00	(\$7.60)	-32.20%
Fixed Rate Riders	per kWh	\$ -	2000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	2000	\$1.00	\$ 0.0006	2000	\$1.20	\$0.20	20.00%
Sub-Total A (excluding pass through)				\$38.92			\$34.87	(\$4.05)	-10.41%
Line Losses on Cost of Power	per kWh	\$ 0.1114	68	\$7.60	\$ 0.1114	68	\$7.60	\$0.00	0.00%
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	2000	\$0.00	-\$ 0.0035	2000	(\$7.00)	(\$7.00)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	2000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$47.31			\$36.26	(\$11.05)	-23.36%
RTSR - Network	per kWh	\$ 0.0078	2068	\$16.13	\$ 0.0074	2068	\$15.30	(\$0.83)	-5.13%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0057	2068	\$11.79	\$ 0.0057	2068	\$11.79	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$75.23			\$63.35	(\$11.88)	-15.79%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	2068	\$7.45	\$ 0.0036	2068	\$7.45	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2068	\$2.69	\$ 0.0013	2068	\$2.69	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh								
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	2068	\$2.28	\$ 0.0011	2068	\$2.28	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	1300	\$113.10	\$ 0.0870	1300	\$113.10	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	340	\$44.88	\$ 0.1320	340	\$44.88	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	360	\$64.80	\$ 0.1800	360	\$64.80	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$310.67			\$298.79	(\$11.88)	-3.82%
HST		13%		\$40.39	13%		\$38.84	(\$1.54)	-3.82%
Total Bill on TOU				\$351.05			\$337.63	(\$13.42)	-3.82%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class:GS<50 kW

RPP/non-RPPRPP

Consumption2,000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 24.77	1	\$24.77	\$ 25.16	1	\$25.16	\$0.39	1.57%
Distribution Volumetric Rate	per kWh	\$ 0.0164	2000	\$32.80	\$ 0.0167	2000	\$33.40	\$0.60	1.83%
Fixed Rate Riders	per kWh	\$ -	2000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	2000	\$1.00	\$ 0.0019	2000	\$3.80	\$2.80	280.00%
Sub-Total A (excluding pass through)				\$58.57			\$62.36	\$3.79	6.47%
Line Losses on Cost of Power	per kWh	\$ 0.1114	68	\$7.60	\$ 0.1114	68	\$7.60	\$0.00	0.00%
Dererral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	2000	\$0.00	-\$ 0.0035	2000	(\$7.00)	(\$7.00)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	2000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$66.96			\$63.75	(\$3.21)	-4.79%
RTSR - Network	per kWh	\$ 0.0069	2068	\$14.27	\$ 0.0066	2068	\$13.65	(\$0.62)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	2068	\$9.93	\$ 0.0048	2068	\$9.93	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$91.15			\$87.32	(\$3.83)	-4.20%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	2068	\$7.45	\$ 0.0036	2068	\$7.45	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2068	\$2.69	\$ 0.0013	2068	\$2.69	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2000	\$14.00	\$ 0.0070	2000	\$14.00	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	2068	\$2.28	\$ 0.0011	2068	\$2.28	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	1300	\$113.10	\$ 0.0870	1300	\$113.10	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	340	\$44.88	\$ 0.1320	340	\$44.88	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	360	\$64.80	\$ 0.1800	360	\$64.80	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$340.59			\$336.76	(\$3.83)	-1.12%
HST		13%		\$44.28	13%		\$43.78	(\$0.50)	-1.12%
Total Bill on TOU				\$384.87			\$380.54	(\$4.33)	-1.12%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class:GS<50 kW

RPP/non-RPPRPP

Consumption1,000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 24.77	1	\$24.77	\$ 25.16	1	\$25.16	\$0.39	1.57%
Distribution Volumetric Rate	per kWh	\$ 0.0164	1000	\$16.40	\$ 0.0167	1000	\$16.70	\$0.30	1.83%
Fixed Rate Riders	per kWh	\$ -	1000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	1000	\$0.50	\$ 0.0019	1000	\$1.90	\$1.40	280.00%
Sub-Total A (excluding pass through)				\$41.67			\$43.76	\$2.09	5.02%
Line Losses on Cost of Power	per kWh	\$ 0.1114	34	\$3.80	\$ 0.1114	34	\$3.80	\$0.00	0.00%
Dererral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	1000	\$0.00	-\$ 0.0035	1000	(\$3.50)	(\$3.50)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	1000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$46.26			\$44.85	(\$1.41)	-3.05%
RTSR - Network	per kWh	\$ 0.0069	1034	\$7.14	\$ 0.0066	1034	\$6.83	(\$0.31)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	1034	\$4.96	\$ 0.0048	1034	\$4.96	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$58.36			\$56.64	(\$1.72)	-2.95%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	1034	\$3.72	\$ 0.0036	1034	\$3.72	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	1034	\$1.34	\$ 0.0013	1034	\$1.34	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	1000	\$7.00	\$ 0.0070	1000	\$7.00	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	1034	\$1.14	\$ 0.0011	1034	\$1.14	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	650	\$56.55	\$ 0.0870	650	\$56.55	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	170	\$22.44	\$ 0.1320	170	\$22.44	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	180	\$32.40	\$ 0.1800	180	\$32.40	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$183.20			\$181.48	(\$1.72)	-0.94%
HST		13%		\$23.82	13%		\$23.59	(\$0.22)	-0.94%
Total Bill on TOU				\$207.02			\$205.07	(\$1.94)	-0.94%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class:GS<50 kW

RPP/non-RPPRPP

Consumption5,000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 24.77	1	\$24.77	\$ 25.16	1	\$25.16	\$0.39	1.57%
Distribution Volumetric Rate	per kWh	\$ 0.0164	5000	\$82.00	\$ 0.0167	5000	\$83.50	\$1.50	1.83%
Fixed Rate Riders	per kWh	\$ -	5000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	5000	\$2.50	\$ 0.0019	5000	\$9.50	\$7.00	280.00%
Sub-Total A (excluding pass through)				\$109.27			\$118.16	\$8.89	8.14%
Line Losses on Cost of Power	per kWh	\$ 0.1114	171	\$18.99	\$ 0.1114	171	\$18.99	\$0.00	0.00%
Dererral/ variance Account Disposition Rate Rider 2017	per kWh	\$ -	5000	\$0.00	-\$ 0.0035	5000	(\$17.50)	(\$17.50)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	5000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$129.05			\$120.44	(\$8.61)	-6.67%
RTSR - Network	per kWh	\$ 0.0069	5171	\$35.68	\$ 0.0066	5171	\$34.13	(\$1.55)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	5171	\$24.82	\$ 0.0048	5171	\$24.82	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$189.55			\$179.39	(\$10.16)	-5.36%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	5171	\$18.61	\$ 0.0036	5171	\$18.61	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	5171	\$6.72	\$ 0.0013	5171	\$6.72	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	5000	\$35.00	\$ 0.0070	5000	\$35.00	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	5171	\$5.69	\$ 0.0011	5171	\$5.69	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	3250	\$282.75	\$ 0.0870	3250	\$282.75	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	850	\$112.20	\$ 0.1320	850	\$112.20	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	900	\$162.00	\$ 0.1800	900	\$162.00	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$812.77			\$802.61	(\$10.16)	-1.25%
HST		13%		\$105.66	13%		\$104.34	(\$1.32)	-1.25%
Total Bill on TOU				\$918.43			\$906.95	(\$11.48)	-1.25%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class:GS<50 kW

RPP/non-RPPRPP

Consumption10,000 kWh

		Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 24.77	1	\$24.77	\$ 25.16	1	\$25.16	\$0.39	1.57%
Distribution Volumetric Rate	per kWh	\$ 0.0164	10000	\$164.00	\$ 0.0167	10000	\$167.00	\$3.00	1.83%
Fixed Rate Riders	per kWh	\$ -	10000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	10000	\$5.00	\$ 0.0019	10000	\$19.00	\$14.00	280.00%
Sub-Total A (excluding pass through)				\$193.77			\$211.16	\$17.39	8.97%
Line Losses on Cost of Power	per kWh	\$ 0.1114	341	\$37.98	\$ 0.1114	341	\$37.98	\$0.00	0.00%
Dererral/ variance Account Disposition Rate Rider 2017	per kWh	\$ -	10000	\$0.00	-\$ 0.0035	10000	(\$35.00)	(\$35.00)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	10000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$232.54			\$214.93	(\$17.61)	-7.57%
RTSR - Network	per kWh	\$ 0.0069	10341	\$71.35	\$ 0.0066	10341	\$68.25	(\$3.10)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	10341	\$49.64	\$ 0.0048	10341	\$49.64	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$353.53			\$332.82	(\$20.71)	-5.86%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	10341	\$37.23	\$ 0.0036	10341	\$37.23	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	10341	\$13.44	\$ 0.0013	10341	\$13.44	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	10000	\$70.00	\$ 0.0070	10000	\$70.00	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	10341	\$11.38	\$ 0.0011	10341	\$11.38	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	6500	\$565.50	\$ 0.0870	6500	\$565.50	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	1700	\$224.40	\$ 0.1320	1700	\$224.40	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	1800	\$324.00	\$ 0.1800	1800	\$324.00	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$1,599.73			\$1,579.02	(\$20.71)	-1.29%
HST		13%		\$207.96	13%		\$205.27	(\$2.69)	-1.29%
Total Bill on TOU				\$1,807.69			\$1,784.29	(\$23.40)	-1.29%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class:GS<50 kW

RPP/non-RPPRPP

Consumption15,000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 24.77	1	\$24.77	\$ 25.16	1	\$25.16	\$0.39	1.57%
Distribution Volumetric Rate	per kWh	\$ 0.0164	15000	\$246.00	\$ 0.0167	15000	\$250.50	\$4.50	1.83%
Fixed Rate Riders	per kWh	\$ -	15000	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	15000	\$7.50	\$ 0.0019	15000	\$28.50	\$21.00	280.00%
Sub-Total A (excluding pass through)				\$278.27			\$304.16	\$25.89	9.30%
Line Losses on Cost of Power	per kWh	\$ 0.1114	512	\$56.98	\$ 0.1114	512	\$56.98	\$0.00	0.00%
Dererral/ variance Account Disposition Rate Rider 2017	per kWh	\$ -	15000	\$0.00	-\$ 0.0035	15000	(\$52.50)	(\$52.50)	
GA Rate Riders	per kWh								
Low Voltage Service Charge	per kWh	\$ -	15000	\$0.00					
Smart Meter Entity Charge	Monthly	\$ 0.79	1	\$0.79	\$ 0.79	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)				\$336.04			\$309.43	(\$26.61)	-7.92%
RTSR - Network	per kWh	\$ 0.0069	15512	\$107.03	\$ 0.0066	15512	\$102.38	(\$4.65)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	15512	\$74.46	\$ 0.0048	15512	\$74.46	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$517.52			\$486.26	(\$31.26)	-6.04%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	15512	\$55.84	\$ 0.0036	15512	\$55.84	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	15512	\$20.16	\$ 0.0013	15512	\$20.16	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	15000	\$105.00	\$ 0.0070	15000	\$105.00	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	15512	\$17.06	\$ 0.0011	15512	\$17.06	\$0.00	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	9750	\$848.25	\$ 0.0870	9750	\$848.25	\$0.00	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	2550	\$336.60	\$ 0.1320	2550	\$336.60	\$0.00	0.00%
TOU - On Peak	per kWh	\$ 0.1800	2700	\$486.00	\$ 0.1800	2700	\$486.00	\$0.00	0.00%
Total Bill on TOU (before Taxes)				\$2,386.69			\$2,355.43	(\$31.26)	-1.31%
HST		13%		\$310.27	13%		\$306.21	(\$4.06)	-1.31%
Total Bill on TOU				\$2,696.96			\$2,661.63	(\$35.33)	-1.31%

Loss Factor (%)

3.41%

3.41%

Bill Impacts

Customer Class:	GS>50 kW
RPP/non-RPP	non-RPP
Consumption	36,500 kWh
Demand	100 kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 123.36	1	\$123.36	\$ 125.58	1	\$125.58	\$2.22	1.80%
Distribution Volumetric Rate	per kW	\$ 2.7940	100	\$279.40	\$ 2.8443	100	\$284.43	\$5.03	1.80%
Fixed Rate Riders		\$ -	1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.1771	100	\$17.71	\$ 0.2524	100	\$25.24	\$7.53	42.52%
Sub-Total A (excluding pass through)				\$420.47			\$435.25	\$14.78	3.52%
Line Losses on Cost of Power									
Deferral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	100	\$0.00	-\$ 1.2475	100	(\$124.75)	(\$124.75)	
GA Rate Riders	per kWh				\$ 0.0049	36500	\$178.85	\$178.85	
Low Voltage Service Charge	per kW	\$ -	100	\$0.00	\$ -	100	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$420.47			\$489.35	\$68.88	16.38%
RTSR - Network	per kWh	\$ 2.6937	100	\$269.37	\$ 2.5604	100	\$256.04	(\$13.33)	-4.95%
RTSR - Line and Transformation Connection	per kWh	\$ 1.9024	100	\$190.24	\$ 1.9177	100	\$191.77	\$1.53	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$880.08			\$937.16	\$57.08	6.49%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	37745	\$135.88	\$ 0.0036	37745	\$135.88	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	37745	\$49.07	\$ 0.0013	37745	\$49.07	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	36500	\$255.50	\$ 0.0070	36500	\$255.50	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	37745	\$41.52	\$ 0.0011	37745	\$41.52	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	37745	\$4,265.15	\$ 0.1130	37745	\$4,265.15	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$5,627.44			\$5,684.52	\$57.08	1.01%
HST		13%		\$731.57	13%		\$738.99	\$7.42	1.01%
Total Bill				\$6,359.01			\$6,423.51	\$64.50	1.01%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	GS>50 kW
RPP/non-RPP	non-RPP
Consumption	60,955 kWh
Demand	167 kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 123.36	1	\$123.36	\$ 125.58	1	\$125.58	\$2.22	1.80%
Distribution Volumetric Rate	per kW	\$ 2.7940	167	\$466.60	\$ 2.8443	167	\$475.00	\$8.40	1.80%
Fixed Rate Riders		\$ -	1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.1771	167	\$29.58	\$ 0.2524	167	\$42.15	\$12.58	42.52%
Sub-Total A (excluding pass through)				\$619.53			\$642.73	\$23.19	3.74%
Line Losses on Cost of Power									
Dererral/ variance Account Disposition Rate Rider 2017	per kW	\$ -	167	\$0.00	-\$ 1.2475	167	(\$208.33)	(\$208.33)	
GA Rate Riders	per kWh				\$ 0.0049	60955	\$298.68	\$298.68	
Low Voltage Service Charge	per kW	\$ -	167	\$0.00	\$ -	167	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$619.53			\$733.08	\$113.54	18.33%
RTSR - Network	per kWh	\$ 2.6937	167	\$449.85	\$ 2.5604	167	\$427.59	(\$22.26)	-4.95%
RTSR - Line and Transformation Connection	per kWh	\$ 1.9024	167	\$317.70	\$ 1.9177	167	\$320.26	\$2.56	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$1,387.08			\$1,480.92	\$93.84	6.76%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	63034	\$226.92	\$ 0.0036	63034	\$226.92	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	63034	\$81.94	\$ 0.0013	63034	\$81.94	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	60955	\$426.69	\$ 0.0070	60955	\$426.69	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	63034	\$69.34	\$ 0.0011	63034	\$69.34	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	63034	\$7,122.79	\$ 0.1130	63034	\$7,122.79	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$9,315.01			\$9,408.85	\$93.84	1.01%
HST		13%		\$1,210.95	13%		\$1,223.15	\$12.20	1.01%
Total Bill				\$10,525.96			\$10,632.00	\$106.03	1.01%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	GS>50 kW
RPP/non-RPP	non-RPP
Consumption	182,500 kWh
Demand	500 kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 123.36	1	\$123.36	\$ 125.58	1	\$125.58	\$2.22	1.80%
Distribution Volumetric Rate	per kW	\$ 2.7940	500	\$1,397.00	\$ 2.8443	500	\$1,422.15	\$25.15	1.80%
Fixed Rate Riders		\$ -	1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.1771	500	\$88.55	\$ 0.2524	500	\$126.20	\$37.65	42.52%
Sub-Total A (excluding pass through)				\$1,608.91			\$1,673.93	\$65.02	4.04%
Line Losses on Cost of Power									
Deferral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	500	\$0.00	-\$ 1.2475	500	(\$623.75)	(\$623.75)	
GA Rate Riders	per kWh				\$ 0.0049	182500	\$894.25	\$894.25	
Low Voltage Service Charge	per kW	\$ -	500	\$0.00	\$ -	500	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$1,608.91			\$1,944.43	\$335.52	20.85%
RTSR - Network	per kWh	\$ 2.6937	500	\$1,346.85	\$ 2.5604	500	\$1,280.20	(\$66.65)	-4.95%
RTSR - Line and Transformation Connection	per kWh	\$ 1.9024	500	\$951.20	\$ 1.9177	500	\$958.85	\$7.65	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$3,906.96			\$4,183.48	\$276.52	7.08%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	188723	\$679.40	\$ 0.0036	188723	\$679.40	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	188723	\$245.34	\$ 0.0013	188723	\$245.34	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	182500	\$1,277.50	\$ 0.0070	182500	\$1,277.50	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	188723	\$207.60	\$ 0.0011	188723	\$207.60	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	188723	\$21,325.73	\$ 0.1130	188723	\$21,325.73	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$27,642.78			\$27,919.29	\$276.52	1.00%
HST		13%		\$3,593.56	13%		\$3,629.51	\$35.95	1.00%
Total Bill				\$31,236.34			\$31,548.80	\$312.46	1.00%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	GS > 700 - 4,999 kW	
Consumption	627,216	kWh
Demand	1,432	kW
Load Factor	60%	

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1,113.03	1	\$ 1,113.03	\$ 1,133.06	1	\$ 1,133.06	\$ 20.03	1.80%
Distribution Volumetric Rate	per kW	\$ 3.2434	1432	\$ 4,644.55	\$ 3.3018	1432	\$ 4,728.18	\$ 83.63	1.80%
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.2029	1432	\$ 290.55	\$ 0.2050	1432	\$ 293.56	\$ 3.01	1.03%
Sub-Total A (excluding pass through)				\$ 6,048.13			\$ 6,154.80	\$ 106.67	1.76%
Deferral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	1432	\$ -	-\$ 1.4299	1432	-\$ 2,047.62	-\$ 2,047.62	
GA Rate Riders	per kW	\$ -	627216	\$ -	\$ 0.0049	627216	\$ 3,073.36	\$ 3,073.36	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 6,048.13			\$ 7,180.54	\$ 1,132.41	18.72%
RTSR - Network	per kW	\$ 3.0209	1432	\$ 4,325.93	\$ 2.8714	1432	\$ 4,111.84	-\$ 214.08	-4.95%
RTSR - Line and Transformation Connection	per kW	\$ 2.0449	1432	\$ 2,928.30	\$ 2.0614	1432	\$ 2,951.92	\$ 23.63	0.81%
Sub-Total C - Delivery (including Sub-Total B)				\$ 13,302.36			\$ 14,244.31	\$ 941.95	7.08%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	648604	\$ 2,334.97	\$ 0.0036	648604	\$ 2,334.97	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	648604	\$ 843.19	\$ 0.0013	648604	\$ 843.19	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	648604	\$ 713.46	\$ 0.0011	648604	\$ 713.46	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	627216	\$ 4,390.51	\$ 0.0070	627216	\$ 4,390.51	\$ -	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	648604	\$ 73,292.26	\$ 0.1130	648604	\$ 73,292.26	\$ -	0.00%
Total Bill (before Taxes)				\$ 94,877.00			\$ 95,818.95	\$ 941.95	0.99%
HST		13%		\$ 12,334.01	13%		\$ 12,456.46	\$ 122.45	0.99%
Total Bill (including HST)				\$ 107,211.01			\$ 108,275.42	\$ 1,064.41	0.99%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	GS > 700 - 4,999 kW	
Consumption	438,000	kWh
Demand	1,000	kW
Load Factor	60%	

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1,113.03	1	\$ 1,113.03	\$ 1,133.06	1	\$ 1,133.06	\$ 20.03	1.80%
Distribution Volumetric Rate	per kW	\$ 3.2434	1000	\$ 3,243.40	\$ 3.3018	1000	\$ 3,301.80	\$ 58.40	1.80%
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.2029	1000	\$ 202.90	\$ 0.2050	1000	\$ 205.00	\$ 2.10	1.03%
Sub-Total A (excluding pass through)				\$ 4,559.33			\$ 4,639.86	\$ 80.53	1.77%
Deferral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	1000	\$ -	-\$ 1.4299	1000	-\$ 1,429.90	-\$ 1,429.90	
GA Rate Riders	per kW	\$ -	438000	\$ -	\$ 0.0049	438000	\$ 2,146.20	\$ 2,146.20	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 4,559.33			\$ 5,356.16	\$ 796.83	17.48%
RTSR - Network	per kW	\$ 3.0209	1000	\$ 3,020.90	\$ 2.8714	1000	\$ 2,871.40	-\$ 149.50	-4.95%
RTSR - Line and Transformation Connection	per kW	\$ 2.0449	1000	\$ 2,044.90	\$ 2.0614	1000	\$ 2,061.40	\$ 16.50	0.81%
Sub-Total C - Delivery (including Sub-Total B)				\$ 9,625.13			\$ 10,288.96	\$ 663.83	6.90%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	452936	\$ 1,630.57	\$ 0.0036	452936	\$ 1,630.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	452936	\$ 588.82	\$ 0.0013	452936	\$ 588.82	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	452936	\$ 498.23	\$ 0.0011	452936	\$ 498.23	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	438000	\$ 3,066.00	\$ 0.0070	438000	\$ 3,066.00	\$ -	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	452936	\$ 51,181.75	\$ 0.1130	452936	\$ 51,181.75	\$ -	0.00%
Total Bill (before Taxes)				\$ 66,590.74			\$ 67,254.57	\$ 663.83	1.00%
HST		13%		\$ 8,656.80	13%		\$ 8,743.09	\$ 86.30	1.00%
Total Bill (including HST)				\$ 75,247.54			\$ 75,997.66	\$ 750.13	1.00%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class: GS > 700 - 4,999 kW		
Consumption	919,800	kWh
Demand	2,100	kW
Load Factor	60%	

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1,113.03	1	\$ 1,113.03	\$ 1,133.06	1	\$ 1,133.06	\$ 20.03	1.80%
Distribution Volumetric Rate	per kW	\$ 3.2434	2100	\$ 6,811.14	\$ 3.3018	2100	\$ 6,933.78	\$ 122.64	1.80%
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.2029	2100	\$ 426.09	\$ 0.2050	2100	\$ 430.50	\$ 4.41	1.03%
Sub-Total A (excluding pass through)				\$ 8,350.26			\$ 8,497.34	\$ 147.08	1.76%
Deferral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	2100	\$ -	-\$ 1.4299	2100	-\$ 3,002.79	-\$ 3,002.79	
GA Rate Riders	per kW	\$ -	919800	\$ -	\$ 0.0049	919800	\$ 4,507.02	\$ 4,507.02	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 8,350.26			\$ 10,001.57	\$ 1,651.31	19.78%
RTSR - Network	per kW	\$ 3.0209	2100	\$ 6,343.89	\$ 2.8714	2100	\$ 6,029.94	-\$ 313.95	-4.95%
RTSR - Line and Transformation Connection	per kW	\$ 2.0449	2100	\$ 4,294.29	\$ 2.0614	2100	\$ 4,328.94	\$ 34.65	0.81%
Sub-Total C - Delivery (including Sub-Total B)				\$ 18,988.44			\$ 20,360.45	\$ 1,372.01	7.23%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	951165	\$ 3,424.19	\$ 0.0036	951165	\$ 3,424.19	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	951165	\$ 1,236.51	\$ 0.0013	951165	\$ 1,236.51	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	951165	\$1,046.28	\$ 0.0011	951165	\$1,046.28	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	919800	\$ 6,438.60	\$ 0.0070	919800	\$ 6,438.60	\$ -	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	951165	\$ 107,481.67	\$ 0.1130	951165	\$ 107,481.67	\$ -	0.00%
Total Bill (before Taxes)				\$ 138,615.95			\$ 139,987.96	\$ 1,372.01	0.99%
HST		13%		\$ 18,020.07	13%		\$ 18,198.43	\$ 178.36	0.99%
Total Bill (including HST)				\$ 156,636.02			\$ 158,186.39	\$ 1,550.37	0.99%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	Large Use > 5,000 kW , Class B	
Consumption	4,854,500	kWh
Demand	9,500	kW
Load Factor	70%	

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 4,631.56	1	\$ 4,631.56	\$ 4,714.93	1	\$ 4,714.93	\$ 83.37	1.80%
Distribution Volumetric Rate	per kW	\$ 2.4556	9500	\$ 23,328.20	\$ 2.4998	9500	\$ 23,748.10	\$ 419.90	1.80%
Fixed Rate Riders	per kW	\$ -	9500	\$ -		9500	\$ -	\$ -	
Volumetric Rate Riders	per kW	\$ 0.2634	9500	\$ 2,502.30	\$ 0.3041	9500	\$ 2,888.95	\$ 386.65	15.45%
Sub-Total A (excluding pass through)				\$ 30,462.06			\$ 31,351.98	\$ 889.92	2.92%
Line Losses on Cost of Power	per kW	\$ -	9500	\$ -		9500	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	per kW	\$ -	9500	\$ -	-\$ 1.8604	9500	-\$ 17,673.80	-\$ 17,673.80	
GA Rate Riders	per kWh	\$ -	9500	\$ -	\$ 0.0049	4854500	\$ 23,787.05	\$ 23,787.05	
Low Voltage Service Charge	per kW	\$ -	9500	\$ -	\$ -	9500	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)		\$ -			\$ -				
Sub-Total B - Distribution (includes Sub-Total A)				\$ 30,462.06			\$ 37,465.23	\$ 7,003.17	22.99%
RTSR - Network	per kW	\$ 3.4191	9500	\$ 32,481.45	\$ 3.2499	9500	\$ 30,874.05	-\$ 1,607.40	-4.95%
RTSR - Line and Transformation Connection	per kW	\$ 2.3636	9500	\$ 22,454.20	\$ 2.3826	9500	\$ 22,634.70	\$ 180.50	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$ 85,397.71			\$ 90,973.98	\$ 5,576.27	6.53%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	4924890	\$ 17,729.60	\$ 0.0036	4924890	\$ 17,729.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	4924890	\$ 6,402.36	\$ 0.0013	4924890	\$ 6,402.36	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	4854500	\$ 33,981.50	\$ 0.0070	4854500	\$ 33,981.50	\$ -	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	4924890	\$ 5,417.38	\$ 0.0011	4924890	\$ 5,417.38	\$ -	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	4924890	\$ 556,512.60	\$ 0.1130	4924890	\$ 556,512.60	\$ -	0.00%
Total Bill (before Taxes)				\$ 705,441.40			\$ 711,017.67	\$ 5,576.27	0.79%
HST		13%		\$ 91,707.38	13%		\$ 92,432.30	\$ 724.92	0.79%
Total Bill (including HST)				\$ 797,148.78			\$ 803,449.97	\$ 6,301.19	0.79%

Loss Factor (%)	1.45%	1.45%
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Bill Impacts

Customer Class:	Large Use > 5,000 kW , Class B	
Consumption	10,220,000	kWh
Demand	20,000	kW
Load Factor	70%	

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 4,631.56	1	\$ 4,631.56	\$ 4,714.93	1	\$ 4,714.93	\$ 83.37	1.80%
Distribution Volumetric Rate	per kW	\$ 2.4556	20000	\$ 49,112.00	\$ 2.4998	20000	\$ 49,996.00	\$ 884.00	1.80%
Fixed Rate Riders	per kW	\$ -	20000	\$ -		20000	\$ -	\$ -	
Volumetric Rate Riders	per kW	\$ 0.2634	20000	\$ 5,268.00	\$ 0.3041	20000	\$ 6,082.00	\$ 814.00	15.45%
Sub-Total A (excluding pass through)				\$ 59,011.56			\$ 60,792.93	\$ 1,781.37	3.02%
Line Losses on Cost of Power	per kW	\$ -	20000	\$ -		20000	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	per kW	\$ -	20000	\$ -	-\$ 1.8604	20000	-\$ 37,208.00	-\$ 37,208.00	
GA Rate Riders	per kWh	\$ -	20000	\$ -	\$ 0.0049	10220000	\$ 50,078.00	\$ 50,078.00	
Low Voltage Service Charge	per kW	\$ -	20000	\$ -	\$ -	20000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)		\$ -			\$ -				
Sub-Total B - Distribution (includes Sub-Total A)				\$ 59,011.56			\$ 73,662.93	\$ 14,651.37	24.83%
RTSR - Network	per kW	\$ 3.4191	20000	\$ 68,382.00	\$ 3.2499	20000	\$ 64,998.00	-\$ 3,384.00	-4.95%
RTSR - Line and Transformation Connection	per kW	\$ 2.3636	20000	\$ 47,272.00	\$ 2.3826	20000	\$ 47,652.00	\$ 380.00	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$ 174,665.56			\$ 186,312.93	\$ 11,647.37	6.67%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	10368190	\$ 37,325.48	\$ 0.0036	10368190	\$ 37,325.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	10368190	\$ 13,478.65	\$ 0.0013	10368190	\$ 13,478.65	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	10220000	\$ 71,540.00	\$ 0.0070	10220000	\$ 71,540.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	10368190	\$ 11,405.01	\$ 0.0011	10368190	\$ 11,405.01	\$ -	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	10368190	\$ 1,171,605.47	\$ 0.1130	10368190	\$ 1,171,605.47	\$ -	0.00%
Total Bill (before Taxes)				\$ 1,480,020.42			\$ 1,491,667.79	\$ 11,647.37	0.79%
HST		13%		\$ 192,402.65	13%		\$ 193,916.81	\$ 1,514.16	0.79%
Total Bill (including HST)				\$ 1,672,423.07			\$ 1,685,584.60	\$ 13,161.53	0.79%

Loss Factor (%)	1.45%	1.45%
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Bill Impacts

Customer Class:	Unmetered Scattered Load	
RPP/non-RPP	RPP	
Consumption	150	kWh
Connections	1	kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1.07	1	\$1.07	\$ 1.09	1	\$1.09	\$0.02	1.87%
Distribution Volumetric Rate	per kWh	\$ 0.0195	150	\$2.93	\$ 0.0199	150	\$2.99	\$0.06	2.05%
Fixed Rate Riders			1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	150	\$0.08	\$ 0.0002	150	\$0.03	(\$0.05)	-60.00%
Sub-Total A (excluding pass through)				\$4.07			\$4.11	\$0.04	0.86%
Line Losses on Cost of Power		\$ 0.1030	5	\$0.53	\$ 0.1030	5	\$0.53	\$0.00	
Dererral/variance Account Disposition Rate Rider 2017	per kWh	\$ -	150	\$0.00	-\$ 0.0034	150	(\$0.51)	(\$0.51)	
GA Rate Riders	per kWh	\$ -	150	\$0.00		150	\$0.00	\$0.00	
Low Voltage Service Charge	per kW	\$ -	1	\$0.00	\$ -	1	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00	\$ -	1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$4.60			\$4.12	(\$0.48)	-10.33%
RTSR - Network	per kWh	\$ 0.0069	155	\$1.07	\$ 0.0066	155	\$1.02	(\$0.05)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	155	\$0.74	\$ 0.0048	155	\$0.74	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$6.41			\$5.89	(\$0.52)	-8.13%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	155	\$0.56	\$ 0.0036	155	\$0.56	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	155	\$0.20	\$ 0.0013	155	\$0.20	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	150	\$1.05	\$ 0.0070	150	\$1.05	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	155	\$0.17	\$ 0.0011	155	\$0.17	\$0.00	0.00%
Tier 1	per kWh	\$ 0.1030	150	\$15.45	\$ 0.1030	150	\$15.45	\$0.00	0.00%
Tier 2	per kWh	\$ 0.1210		\$0.00	\$ 0.1210	0	\$0.00	\$0.00	
Total Bill on RPP				\$24.09			\$23.57	(\$0.52)	-2.16%
HST		13%		\$3.13	13%		\$3.06	(\$0.07)	-2.16%
Total Bill				\$27.22			\$26.64	(\$0.59)	-2.16%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	Unmetered Scattered Load	
RPP/non-RPP	non-RPP	
Consumption	21,296	kWh
Connections	186	kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1.07	186	\$199.02	\$ 1.09	186	\$202.74	\$3.72	1.87%
Distribution Volumetric Rate	per kWh	\$ 0.0195	21296	\$415.27	\$ 0.0199	21296	\$423.79	\$8.52	2.05%
Fixed Rate Riders			1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kWh	\$ 0.0005	21296	\$10.65	\$ 0.0002	21296	\$4.26	(\$6.39)	-60.00%
Sub-Total A (excluding pass through)				\$624.94			\$630.79	\$5.85	0.94%
Line Losses on Cost of Power									
Deferral/Variance Account Disposition Rate Rider 2017	per kWh	\$ -	21296	\$0.00	-\$ 0.0034	21296	(\$72.41)	(\$72.41)	
GA Rate Riders	per kWh	\$ -	21296	\$0.00	\$ 0.0049	21296	\$104.35	\$104.35	
Low Voltage Service Charge	per kW	\$ -	186	\$0.00	\$ -	186	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00	\$ -	1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$624.94			\$662.73	\$37.79	6.05%
RTSR - Network	per kWh	\$ 0.0069	22022	\$151.95	\$ 0.0066	22022	\$145.35	(\$6.61)	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	22022	\$105.71	\$ 0.0048	22022	\$105.71	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$882.60			\$913.79	\$31.19	3.53%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	22022	\$79.28	\$ 0.0036	22022	\$79.28	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	22022	\$28.63	\$ 0.0013	22022	\$28.63	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	21296	\$149.07	\$ 0.0070	21296	\$149.07	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	22022	\$24.22	\$ 0.0011	22022	\$24.22	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	22022	\$2,488.51	\$ 0.1130	22022	\$2,488.51	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$3,652.56			\$3,683.75	\$31.19	0.85%
HST		13%		\$474.83	13%		\$478.89	\$4.05	0.85%
Total Bill				\$4,127.40			\$4,162.64	\$35.24	0.85%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	Street Lighting
RPP/non-RPP	non-RPP
Consumption	150 kWh
Demand	1 kW
Connections	1

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 2.26	1	\$2.26	\$ 2.30	1	\$2.30	\$0.04	1.77%
Distribution Volumetric Rate	per kW	\$ 11.3571	1	\$11.36	\$ 11.5615	1	\$11.56	\$0.20	1.80%
Fixed Rate Riders		\$ -	1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.1640	1	\$0.16	\$ 0.2028	1	\$0.20	\$0.04	23.66%
Sub-Total A (excluding pass through)				\$13.78			\$14.06	\$0.28	2.05%
Line Losses on Cost of Power									
Deferral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	1	\$0.00	-\$ 1.1416	1	(\$1.14)	(\$1.14)	
GA Rate Riders	per kWh				\$ 0.0049	150	\$0.74	\$0.74	
Low Voltage Service Charge	per kW	\$ -	1	\$0.00	\$ -	1	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$13.78			\$13.66	(\$0.12)	-0.90%
RTSR - Network	per kWh	\$ 2.2429	1	\$2.24	\$ 2.1319	1	\$2.13	(\$0.11)	-4.95%
RTSR - Line and Transformation Connection	per kWh	\$ 1.5839	1	\$1.58	\$ 1.5966	1	\$1.60	\$0.01	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$17.61			\$17.39	(\$0.22)	-1.26%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	155	\$0.56	\$ 0.0036	155	\$0.56	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	155	\$0.20	\$ 0.0013	155	\$0.20	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	150	\$1.05	\$ 0.0070	150	\$1.05	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	155	\$0.17	\$ 0.0011	155	\$0.17	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	155	\$17.53	\$ 0.1130	155	\$17.53	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$37.37			\$37.14	(\$0.22)	-0.59%
HST		13%		\$4.86	13%		\$4.83	(\$0.03)	-0.59%
Total Bill				\$42.22			\$41.97	(\$0.25)	-0.59%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:	Street Lighting
RPP/non-RPP	non-RPP
Consumption	2,787,508 kWh
Demand	7,922 kW
Connections	20,614

		Current Board-Approved			Proposed			Impact	
Charge Unit		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 2.26	20,614	\$46,587.64	\$ 2.30	20,614	\$47,412.20	\$824.56	1.77%
Distribution Volumetric Rate	per kW	\$ 11.3571	7922	\$89,970.95	\$ 11.5615	7922	\$91,590.20	\$1,619.26	1.80%
Fixed Rate Riders		\$ -	1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders (1576 & LRAM)	per kW	\$ 0.1640	7922	\$1,299.21	\$ 0.2028	7922	\$1,606.58	\$307.37	23.66%
Sub-Total A (excluding pass through)				\$137,857.79			\$140,608.98	\$2,751.19	2.00%
Line Losses on Cost of Power									
Dererral/Variance Account Disposition Rate Rider 2017	per kW	\$ -	7922	\$0.00	-\$ 1.1416	7922	(\$9,043.76)	(\$9,043.76)	
GA Rate Riders	per kWh				\$ 0.0049	2787508	\$13,658.79	\$13,658.79	
Low Voltage Service Charge	per kW	\$ -	7922	\$0.00	\$ -	7922	\$0.00	\$0.00	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$137,857.79			\$145,224.02	\$7,366.22	5.34%
RTSR - Network	per kWh	\$ 2.2429	7922	\$17,768.25	\$ 2.1319	7922	\$16,888.91	(\$879.34)	-4.95%
RTSR - Line and Transformation Connection	per kWh	\$ 1.5839	7922	\$12,547.66	\$ 1.5966	7922	\$12,648.27	\$100.61	0.80%
Sub-Total C - Delivery (including Sub-Total B)				\$168,173.70			\$174,761.20	\$6,587.49	3.92%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	2882562	\$10,377.22	\$ 0.0036	2882562	\$10,377.22	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2882562	\$3,747.33	\$ 0.0013	2882562	\$3,747.33	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2787508	\$19,512.56	\$ 0.0070	2787508	\$19,512.56	\$0.00	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	2882562	\$3,170.82	\$ 0.0011	2882562	\$3,170.82	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	2882562	\$325,729.51	\$ 0.1130	2882562	\$325,729.51	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$530,711.39			\$537,298.88	\$6,587.49	1.24%
HST		13%		\$68,992.48	13%		\$69,848.85	\$856.37	1.24%
Total Bill				\$599,703.87			\$607,147.74	\$7,443.87	1.24%

Loss Factor (%)	3.41%	3.41%
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Bill Impacts

Customer Class:

Standby Power

Demand

4,548

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0.00%
Distribution Volumetric Rate	per kW	\$ 1.6516	4548	\$ 7,511.48	\$ 1.6813	4548	\$ 7,646.55	\$ 135.08	1.80%
Total Bill(before Taxes)				\$ 7,511.48			\$ 7,646.55	\$ 135.08	1.80%
HST		13%		\$ 976.49	13%		\$ 994.05	\$ 17.56	1.80%
Total Bill (including HST)				\$ 8,487.97			\$ 8,640.60	\$ 152.64	1.80%

Bill Impacts

Customer Class:	Embedded Distributor
RPP/non-RPP	non-RPP
Consumption	1,417,701 kWh
Demand	4,000 kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 4,094.31	1	\$4,094.31	\$ 4,168.01	1	\$4,168.01	\$73.70	1.80%
Distribution Volumetric Rate	per kW	\$ -	4000	\$0.00	\$ -	4000	\$0.00	\$0.00	
Fixed Rate Riders		\$ -	1	\$0.00	\$ -	1	\$0.00	\$0.00	
Volumetric Rate Riders (1576)	per kW	\$ -	4000	\$0.00	\$ -	4000	\$0.00	\$0.00	
Sub-Total A (excluding pass through)				\$4,094.31			\$4,168.01	\$73.70	1.80%
Dererral/variance Account Disposition Rate Rider 2017	per kWh	\$ -	1417701	\$0.00	-\$ 0.0034	1417701	(\$4,820.18)	(\$4,820.18)	
GA Rate Riders	per kWh				\$ 0.0049	1417701	\$6,946.74	\$6,946.74	
Smart Meter Entity Charge	Monthly	\$ -	1	\$0.00	\$ -	1	\$0.00	\$0.00	
Sub-Total B - Distribution (includes Sub-Total A)				\$4,094.31			\$6,294.56	\$2,200.25	53.74%
RTSR - Network	per kW	\$ 3.0209	4000	\$12,083.60	\$ 2.8714	4000	\$11,485.60	(\$598.00)	-4.95%
RTSR - Line and Transformation Connection	per kW	\$ 2.0449	4000	\$8,179.60	\$ 2.0614	4000	\$8,245.60	\$66.00	0.81%
Sub-Total C - Delivery (including Sub-Total B)				\$24,357.51			\$26,025.76	\$1,668.25	6.85%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	1452718	\$5,229.79	\$ 0.0036	1452718	\$5,229.79	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	1452718	\$1,888.53	\$ 0.0013	1452718	\$1,888.53	\$0.00	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$0.25	\$ 0.25	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ -	1417701	\$0.00	\$ -	1417701	\$0.00	\$0.00	
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	1452718	\$1,597.99	\$ 0.0011	1452718	\$1,597.99	\$0.00	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	1452718	\$164,157.18	\$ 0.1130	1452718	\$164,157.18	\$0.00	0.00%
Total Bill on Average IESO Wholesale Market Price				\$197,231.25			\$198,899.50	\$1,668.25	0.85%
HST		13%		\$25,640.06	13%		\$25,856.93	\$216.87	0.85%
Total Bill				\$222,871.31			\$224,756.43	\$1,885.12	0.85%

Loss Factor (%)	2.47%	2.47%
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Bill Impacts

Customer Class:

Distributor Generator

Consumption

156 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 82.75	1	\$ 82.75	\$ 104.17	1	\$ 104.17	\$ 21.42	25.89%
Distribution Volumetric Rate	per kWh	\$ -	156	\$ -	\$ -	156	\$ -	\$ -	
Volumetric Rate Riders	per kWh	\$ 0.0005	156	\$ 0.08	\$ 0.0005	156	\$ 0.08	\$ -	0.00%
Sub-Total A (excluding pass through)				\$ 82.83			\$ 104.25	\$ 21.42	25.86%
Line Losses on Cost of Power	per kWh	\$ 0.1130	5	\$0.60	\$ 0.1130	5	\$0.60	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	per kWh	\$ -	156	\$ -	-\$ 0.0034	156	-\$ 0.53	-\$ 0.53	
GA Rate Riders	per kWh	\$ -	156	\$ -	\$ 0.0049	156	\$ 0.76	\$ 0.76	
Low Voltage Service Charge	per kWh	\$ -	156	\$ -	\$ -	156	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	per kWh	\$ -	156	\$ -	\$ -	156	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 83.43			\$ 105.08	\$ 21.65	25.95%
RTSR - Network	per kWh	\$ 0.0069	161	\$ 1.11	\$ 0.0066	161	\$ 1.06	-\$ 0.05	-4.35%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0048	161	\$ 0.77	\$ 0.0048	161	\$ 0.77	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				\$ 85.32			\$ 106.92	\$ 21.61	25.32%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	161	\$ 0.58	\$ 0.0036	161	\$ 0.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	161	\$ 0.21	\$ 0.0013	161	\$ 0.21	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	156	\$ 1.09	\$ 0.0070	156	\$ 1.09	\$ -	0.00%
Ontario Electricity Support Program (OESP)	per kWh	\$ 0.0011	161	\$ 0.18	\$ 0.0011	161	\$ 0.18	\$ -	0.00%
Average IESO Wholesale Market Price	per kWh	\$ 0.1130	156	\$ 17.63	\$ 0.1130	156	\$ 17.63	\$ -	0.00%
Total Bill (before Taxes)				\$ 105.25			\$ 126.86	\$ 21.61	20.53%
HST		13%		\$ 13.68	13%		\$ 16.49	\$ 2.81	20.53%
Total Bill (including HST)				\$ 118.94			\$ 143.35	\$ 24.41	20.53%

Loss Factor (%)

3.41%

3.41%

EXHIBIT 3: APPENDICES

APPENDIX D

REGULATED PRICE PLAN SETTLEMENT CLAIM PROCESS

REGULATED PRICE PLAN SETTLEMENT CLAIM PROCESS

Introduction

The process for Regulated Price Plan (“RPP”) settlement is that Local Distribution Company’s (“LDC’s”) are to make a claim to recover/pay the Independent Electricity System Operator (“IESO”) for differences in certain power costs for:

- 1) Amounts billed by the IESO to LDC’s, and
- 2) Amounts billed by LDC’s to customers.

These differences arise because the Ontario Energy Board (“OEB”) establishes retail prices for billing RPP customers whereas the IESO bills market based prices to LDC’s. RPP Settlements Claims are made by LDC’s to either increase or decrease the payments to the IESO such that they are made to equal the receipts from customers. The power costs settled are the Commodity and Global Adjustment (“GA”) costs which are flow through costs, i.e. LDC’s do not make a profit on sales of these elements of power costs.

1. Amounts Billed by the IESO to LDC’s

The two elements of power costs that are billed to LDC’s and settled as part of the monthly claims are:

i. Commodity Price on the Power Bill

The IESO establishes the Hourly Ontario Energy Price (“HOEP”) for commodity, also referred to as “spot market price”. This is the price that the IESO charges LDCs for the commodity received by LDC’s through the IESO-administered markets for every hour of each month.

ii. Global Adjustment Price on the Power Bill

The IESO charges LDC’s the GA which varies from month to month and is for the following:

- 1) Differences between the spot market price and the rates paid to contracted generators for energy,
- and 2) Costs for conservation and demand management programs.

There are two classes of GA Customers for which the IESO bills LDCs:

Class A GA Customers:

Class A customers, who are also non-RPP customers, pay a rate based on their proportion of energy used during the five established coincident peaks. The IESO uses the aggregate wholesale GA dollars as the base for the amounts to bill to Class A Customers:

- 2nd Estimate (M\$) – Used to accrue the monthly cost of power, and
- Actual (M\$) – Used by the IESO to invoice LDC's.

Class B GA Customers:

The IESO bills GA amounts to LDC's monthly for the entire purchased volumes net of Class A volumes. There are three variations of the GA price for Class B customers:

- 1st estimate for the month is published on the last business day of the month and used for billing non-RPP customers starting on the first day of the following month,
- 2nd estimate for the month is published on the last business day of the month and is used to accrue the monthly cost of power, and
- The actual rate for the month is published on the tenth business day of following month and is used by the IESO to invoice LDC's.

2. Amounts Billed by LDC's to Customers

The elements of power costs billed to customers that need to be settled as part of the monthly claims include:

i. Commodity Amounts Billed to Customers:

The Standard Supply Service Code provides for three regimes applicable to the commodity rates for electricity provided as standard supply service:

- a) Spot market-based pricing for non-RPP consumers and electing spot consumers based on either HOEP or Weighted Average Hourly Spot Prices ("WAHSP"),
- b) OEB based 2-tiered RPP rates for eligible consumers with conventional meters, and
- c) OEB based Time-Of-Use ("TOU") RPP rates for eligible consumers with smart meters.

Low volume customer classes are billed based on, either 2-tiered or TOU, RPP rates. Both 2-tiered and TOU RPP rates are set by the OEB every six months. Whereas, high volume customer classes are billed for the commodity based on the spot market prices established by the IESO competitive electricity market.

ii. Global Adjustment Amounts Billed to Customers:

Low Volume customer classes are RPP Eligible and are billed the GA as part of the bundled RPP rates established by the OEB and include both the commodity and GA power cost elements factored into the rates. Whereas, high volume customer classes are non-RPP Eligible and are billed based on either Class A GA rates based on their proportion of energy used during the five established coincident peaks based on their proportionate of the Provincial \$GA.. If the non-RPP high volume customer is a Class B GA customer, they will be billed based on the GA first estimate rates established by the IESO.

iii. Commodity and Global Adjustment Amounts Billed to Retailer Customers:

LDC's settle for volumes consumed by customers under a contract with a retailer based on the WAHSP or HOEP, and these customers also pay the GA. These amounts are settled with the IESO the same way as for non-RPP consumers.

3. RPP Settlement Claims

RPP Settlement claims are adjustments made to the monthly power bill so the Power Bill effectively equals the amounts billed to customers. They are made to settle the differences between purchases and sales \$ amounts.

These differences are settled with the IESO every month. This process is referred to as "the RPP Settlement Claim". It is completed by the 4th business day of each month for the prior calendar month and is filed online via IESO Portal. The calculations are completed by the Settlement Analyst and reviewed by the Regulatory Affairs Manager. The step by step instructions are available as part of the month-end Procedures.

RPP Settlement Claim Methodology

The RPP settlement methodology settles both the commodity price differences and makes an adjustment to reduce the GA amounts billed by the IESO relating to the RPP customer volumes, since the RPP rates billed to RPP eligible customers already contain the GA.

In order to prepare the RPP settlement claim, the following needs to be calculated:

- Estimated RPP settlement amount for the current month, and
- A true-up adjustment to the RPP settlement amount for the prior month (the difference between the actual and estimated RPP Settlement amounts for the prior month).

$$\begin{array}{r} \text{RPP Settlement Claim} \\ = \\ \text{Estimate RPP Settlement amount for the current month} \\ + \\ \text{Actual RPP Settlement amount for the prior month} \\ - \\ \text{Estimate RPP Settlement amount for the prior month} \end{array}$$

The detailed illustration of the calculation for each component of the RPP settlement claim is shown in Exhibits 1 to 4.

Exhibit 1 below presents the calculation for the current month estimated RPP settlement amount based on the following information:

- The Energy Services group provides the Settlement Analyst with the estimate of the total kWhs of commodity purchased for the month and the associated dollars based on Spot Market Price.
- The billing statistics for the current month of the prior year are used as the estimate of the percentage of volumes billed to customers at Sport Market Prices. This percentage is used to allocate the volumes billed to customers based on Spot Market prices, and those billed on RPP prices.
- The volumes billed to customers on RPP rates is then allocated across the various RPP price Tiers and TOU price blocks, i.e. 1st Tier, 2nd Tier, On-Peak block, Off-Peak block and Mid-Peak block. The kWh allocation %'s are estimated based on the actual percentage ratios from the billing statistics for the current month of the prior year.
- The quantities for each Tier/TOU price block are multiplied by the average spot market price purchased, i.e. refer to “1) Energy at Spot Price”, in Exhibit 1.
- As the actual wholesale GA rate for the month is not available at the time of the calculation, the 2nd estimate GA rate provided by IESO for the current month is used to

calculate the GA portion of the settlement calculations, i.e. refer to “2) Global Adjustment” in Exhibit 1

- The Energy at Spot Market Price and the GA represent is an estimate of what the IESO will bill HOBNI for the month.
- The OEB approved RPP prices are multiplied by the volumes estimated for each of the Tier/TOU price blocks and represents an estimate of the amount to be billed to RPP customers for the commodity and GA, i.e refer to “Power billed to RPP customers” in Exhibit 1.
- The current month estimated Settlement is the difference between 1) the estimated Commodity plus GA to be billed by the IESO for the RPP customers, and 2) the estimated power billed to HOBNI’s RPP customers.

Exhibit 2 below presents the calculation for the prior month actual RPP settlement amount:

- Identical calculations are completed for the actual RPP settlement amount for the prior month except that now actual data for the settlement calculations for the prior month is now available.
 - The billing statistics for the prior month of the current year for the percentage of volumes billed to customers at Sport Market Prices is used,
 - The billing statistics for the prior month of the current year for the actual kWh allocation %’s for each Tier/TOU price Block are used, and
 - The actual Class B GA rate for the prior month is used.

Exhibit 3 below presents the calculation for the prior month estimated RPP settlement amount:

- The calculations for this component of Settlement calculations is from the estimated RPP settlement of the prior month.

Exhibit 4 below summarizes the calculations for the total RPP Settlement Claim in the current month:

- The amount claimed appears on the next IESO Physical Invoice on Charge 142 – Regulated Price Plan Settlement Amount. This charge also includes the amount entered as Final RPP Settlement amount.

EXHIBIT 1 - The Estimated RPP Settlement Amount for the Current Month

Current Month Estimate (April 2015)		kWh	\$		
Spot Price, \$/kWh	0.0168				
Total purchases for the current month		303,656,310.31	5,102,775.32	A	
Percentage of customers billed at spot per current month prior year statistics	60.75%			B	
Customers billed at spot		184,461,952.83	3,099,780.47	C	=A*B
Customers billed RPP rates		119,194,357.48	2,002,994.85	D	= A-C
Power purchased for RPP customers					
	RPP billing statistics for the prior year current month	Estimated kWh by RPP rate	COP purchased for RPP customers (at Spot Price)		
<u>1) Energy at Spot Price</u>					
First Tier	7.88%	9,396,408.96	(157,901.42)	E1	%*D
Second Tier	7.56%	9,010,310.43	(151,413.25)	E2	%*D
TOU On Peak	14.88%	17,730,416.79	(297,949.79)	E3	%*D
TOU Mid Peak	14.26%	17,002,614.52	(285,719.48)	E4	%*D
TOU Off Peak	55.42%	66,054,606.78	(1,110,010.91)	E5	%*D
		119,194,357.48	(2,002,994.85)		
	GA rate, \$/kWh - IESO 2nd estimate for the current month				
<u>2) Global Adjustment</u>					
First Tier	\$ 0.0927	9,396,408.96	(870,859.18)	F1	Rate * kWh
Second Tier	\$ 0.0927	9,010,310.43	(835,075.57)	F2	Rate * kWh
TOU On Peak	\$ 0.0927	17,730,416.79	(1,643,255.03)	F3	Rate * kWh
TOU Mid Peak	\$ 0.0927	17,002,614.52	(1,575,802.31)	F4	Rate * kWh
TOU Off Peak	\$ 0.0927	66,054,606.78	(6,121,940.96)	F5	Rate * kWh
		119,194,357.48	(11,046,933.05)		
Power billed to RPP customers					
	Current RPP Price, \$/kWh				
First Tier	\$ 0.088	9,396,408.96	826,883.99	G1	Rate * kWh
Second Tier	\$ 0.103	9,010,310.43	928,061.97	G2	Rate * kWh
TOU On Peak	\$ 0.140	17,730,416.79	2,482,258.35	G3	Rate * kWh
TOU Mid Peak	\$ 0.114	17,002,614.52	1,938,298.05	G4	Rate * kWh
TOU Off Peak	\$ 0.077	66,054,606.78	5,086,204.72	G5	Rate * kWh
		119,194,357.48	11,261,707.09		
Difference between dollars estimated for power purchased by HOBNI and billed to HOBNI's customers become part of RPP claim for current month estimate (Payment to/from IESO)					
First Tier		9,396,408.96	(201,876.62)	G1+E1+F1	
Second Tier		9,010,310.43	(58,426.85)	G2+E2+F2	
TOU On Peak		17,730,416.79	541,053.53	G3+E3+F3	
TOU Mid Peak		17,002,614.52	76,776.27	G4+E4+F4	
TOU Off Peak		66,054,606.78	(2,145,747.14)	G5+E5+F5	
		119,194,357.48	(1,788,220.81)		

EXHIBIT 2 – The Actual RPP Settlement Amount for the Prior Month

Prior Month Actual (March 2015)		kWh	\$		
Spot Price, \$/kWh	0.0281				
Total purchases for the current month		339,477,189.47	9,531,945.22	A	
Percentage of customers billed at spot per prior month current year statistics	61.43%			B	
Customers billed at spot		208,550,778.56	5,855,753.07	C	=A*B
Customers billed RPP rates		130,926,410.91	3,676,192.14	D	= A-C
Power purchased for RPP customers					
RPP billing statistics for the current year prior month					
<u>1) Energy at Spot Price</u>		Estimated kWh by RPP rate	COP purchased for RPP customers (at Spot Price)		
First Tier	8.50%	11,134,770.78	(312,645.53)	E1	%*D
Second Tier	7.76%	10,160,367.99	(285,285.95)	E2	%*D
TOU On Peak	14.51%	18,993,208.06	(533,297.15)	E3	%*D
TOU Mid Peak	13.50%	17,680,802.04	(496,447.01)	E4	%*D
TOU Off Peak	55.72%	72,957,262.04	(2,048,516.50)	E5	%*D
		130,926,410.91	(3,676,192.14)		
GA rate, \$/kWh - actual for prior month					
<u>2) Global Adjustment</u>					
First Tier	\$ 0.0629	11,134,770.78	(700,377.08)	F1	Rate * kWh
Second Tier	\$ 0.0629	10,160,367.99	(639,087.15)	F2	Rate * kWh
TOU On Peak	\$ 0.0629	18,993,208.06	(1,194,672.79)	F3	Rate * kWh
TOU Mid Peak	\$ 0.0629	17,680,802.04	(1,112,122.45)	F4	Rate * kWh
TOU Off Peak	\$ 0.0629	72,957,262.04	(4,589,011.78)	F5	Rate * kWh
		130,926,410.91	(8,235,271.25)		
Power billed to RPP customers					
Current RPP Price, \$/kWh					
First Tier	\$ 0.088	11,134,770.78	979,859.83	G1	Rate * kWh
Second Tier	\$ 0.103	10,160,367.99	1,046,517.90	G2	Rate * kWh
TOU On Peak	\$ 0.140	18,993,208.06	2,659,049.13	G3	Rate * kWh
TOU Mid Peak	\$ 0.114	17,680,802.04	2,015,611.43	G4	Rate * kWh
TOU Off Peak	\$ 0.077	72,957,262.04	5,617,709.18	G5	Rate * kWh
		130,926,410.91	12,318,747.47		
Difference between dollars estimated for power purchased by HOBNI and billed to HOBNI's customers become part of RPP claim for prior month actual (Payment to/from IESO)					
First Tier		11,134,770.78	(33,162.78)	G1+E1+F1	
Second Tier		10,160,367.99	122,144.81	G2+E2+F2	
TOU On Peak		18,993,208.06	931,079.19	G3+E3+F3	
TOU Mid Peak		17,680,802.04	407,041.97	G4+E4+F4	
TOU Off Peak		72,957,262.04	(1,019,819.11)	G5+E5+F5	
		130,926,410.91	407,284.08		

EXHIBIT 3 - The Estimated RPP Settlement Amount for the Prior Month

Prior Month Estimate (March 2015)		kWh	\$		
Spot Price, \$/kWh	0.0257				
Total purchases for the current month		339,526,432.08	8,726,826.74	A	
Percentage of customers billed at spot per current month prior year statistics	61.73%			B	
Customers billed at spot		209,584,811.87	5,386,945.37	C	=A*B
Customers billed RPP rates		129,941,620.21	3,339,881.37	D	= A- C
Power purchased for RPP customers					
	RPP billing statistics for the prior year current month	Estimated kWh by RPP rate	COP purchased for RPP customers (at Spot Price)		
<u>1) Energy at Spot Price</u>					
First Tier	8.80%	11,433,207.16	(293,867.01)	E1	%*D
Second Tier	7.76%	10,083,521.47	(259,176.12)	E2	%*D
TOU On Peak	14.62%	18,996,699.08	(488,270.97)	E3	%*D
TOU Mid Peak	13.73%	17,836,312.67	(458,445.63)	E4	%*D
TOU Off Peak	55.10%	71,591,879.83	(1,840,121.63)	E5	%*D
		129,941,620.21	(3,339,881.37)		
	GA rate, \$/kWh - IESO 2nd estimate for the current month				
<u>2) Global Adjustment</u>					
First Tier	\$ 0.0574	11,433,207.16	(656,266.09)	F1	Rate * kWh
Second Tier	\$ 0.0574	10,083,521.47	(578,794.13)	F2	Rate * kWh
TOU On Peak	\$ 0.0574	18,996,699.08	(1,090,410.53)	F3	Rate * kWh
TOU Mid Peak	\$ 0.0574	17,836,312.67	(1,023,804.35)	F4	Rate * kWh
TOU Off Peak	\$ 0.0574	71,591,879.83	(4,109,373.90)	F5	Rate * kWh
		129,941,620.21	(7,458,649.00)		
Power billed to RPP customers					
	Current RPP Price, \$/kWh				
First Tier	\$ 0.088	11,433,207.16	1,006,122.23	G1	Rate * kWh
Second Tier	\$ 0.103	10,083,521.47	1,038,602.71	G2	Rate * kWh
TOU On Peak	\$ 0.140	18,996,699.08	2,659,537.87	G3	Rate * kWh
TOU Mid Peak	\$ 0.114	17,836,312.67	2,033,339.64	G4	Rate * kWh
TOU Off Peak	\$ 0.077	71,591,879.83	5,512,574.75	G5	Rate * kWh
		129,941,620.21	12,250,177.20		
Difference between dollars estimated for power purchased by HOBNI and billed to HOBNI's customers become part of RPP claim for prior month estimate (Payment to/from IESO)					
First Tier		11,433,207.16	55,989.13	G1+E1+F1	
Second Tier		10,083,521.47	200,632.45	G2+E2+F2	
TOU On Peak		18,996,699.08	1,080,856.37	G3+E3+F3	
TOU Mid Peak		17,836,312.67	551,089.66	G4+E4+F4	
TOU Off Peak		71,591,879.83	(436,920.79)	G5+E5+F5	
		129,941,620.21	1,451,646.83		

EXHIBIT 4 - Summary of the Total Adjusted RPP Settlement Claim for the Current Month

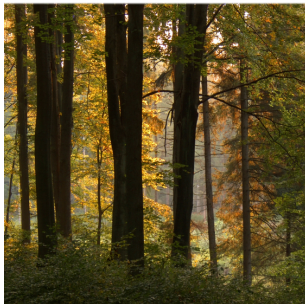
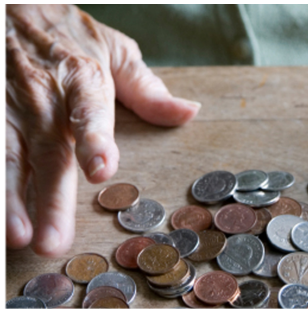
	Prior Month Estimate	Prior Month Actual	Curent Month Estimate	Payment to (from) IESO
<u>\$ Spot - \$ RPP + \$ GA</u>	A	B	C	C+B-A
First Tier	55,989.13	(33,162.78)	(201,876.62)	(291,028.53)
Second Tier	200,632.45	122,144.81	(58,426.85)	(136,914.49)
TOU On Peak	1,080,856.37	931,079.19	541,053.53	391,276.35
TOU Mid Peak	551,089.66	407,041.97	76,776.27	(67,271.43)
TOU Off Peak	(436,920.79)	(1,019,819.11)	(2,145,747.14)	(2,728,645.47)
RPP Claim, \$	1,451,646.83	407,284.08	(1,788,220.81)	\$(2,832,583.56)
<u>kWH</u>				
First Tier	11,433,207.16	11,134,770.78	9,396,408.96	9,097,972.59
Second Tier	10,083,521.47	10,160,367.99	9,010,310.43	9,087,156.94
TOU On Peak	18,996,699.08	18,993,208.06	17,730,416.79	17,726,925.77
TOU Mid Peak	17,836,312.67	17,680,802.04	17,002,614.52	16,847,103.88
TOU Off Peak	71,591,879.83	72,957,262.04	66,054,606.78	67,419,989.00
	129,941,620.21	130,926,410.91	119,194,357.48	120,179,148.18

EXHIBIT 3: APPENDICES

APPENDIX E

HOBNI 2013-2015 LRAMVA REPORT

Hydro One Brampton Networks Inc. 2013-2015 LRAMVA



Hydro One Brampton Networks Inc.
lost revenue related to
Conservation and Demand Management

2013-2015



This document was prepared for Hydro One Brampton Networks Inc. by IndEco Strategic Consulting Inc.

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IndEco report B6109

12 August 2016

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Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive that 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 impacts the LDC's revenue. The LRAM allows LDCs to be compensated for lost revenue that may have resulted from CDM programs the LDC offered to its customers.

Starting in 2011, the Ontario Energy Board (OEB) has 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 approved load forecast.¹

Hydro One Brampton Networks Inc. (HOBNI) 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. HOBNI 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, HOBNI may claim lost revenue from CDM programs up to and including 2015 in HOBNI's 2017 rate case (EB-2016-0080)

HOBNI requested and was granted an LRAMVA for CDM programs offered in 2011 and 2012 in its 2015 cost of service application (EB-2014-0083). Persistence of these program results was captured in the load forecast that was part of the 2015 cost of service rate case. The load forecast drew on actual data up to 2013, and there is thus no claim being made for programs or their persistence from 2011 or 2012.

This report determines the variance account balance for the following revenue losses:

- 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 December 2016 are also reported.

Methodology

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

$$\text{LR} = (\text{CDM results} - \text{CDM results in the load forecast}) * \text{rate}$$

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, HOBNI offered provincial programs in partnership with the Independent Electricity System Operator (IESO). In addition, in 2015 HOBNI offered a social benchmarking program beyond the IESO programs as part of a provincial pilot program.

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, HOBNI 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

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 approved 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.

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 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.

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.

Carrying charges accrue from the time of the results, until disposition.
The LDC reports these lost revenues in 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 HOBNI.

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation report from the IESO was used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by HOBNI. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for Hydro One Brampton* 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 21 of the *Verified 2011-2014 Final Results Report for Hydro One Brampton* 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 Hydro One Brampton* file released by the IESO on June 30, 2016.

The IESO provided HOBNI with persistence data for 2011-2014 results and 2011-2013 adjustments at the initiative level. The data provided are presented in new Tables 16 to 23 on Tab 6 of the LRAMVA work form.

As previously mentioned, persistence of 2011 and 2012 results through 2014 has already been recovered in the 2015 cost of service application, and persistence in 2015 and beyond is captured in the load forecast for 2015. Consequently Tables 16 and 17 of the OEB work form show zero values for persistence of 2011 and 2012 programs, respectively. 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 persistence of 2014 results through 2015. The previous LRAMVA claim in 2015 captured OPA reported adjustments to 2011 results that were available with the 2012 final results. OPA subsequently released adjustments to the 2011 results, as well as additional adjustments to the 2012 results. Although these additional adjustments would increase the LRAMVA to be claimed, HOBNI requested that they not be included, and thus the additional 2011 and 2012 adjustments and their persistence are not included on Table 20 and Table 21 of the OEB LRAMVA work form. Table 22 of the OEB LRAMVA work form shows the estimated persistence of 2013 adjustments into future years. No adjustments were provided by the IESO for 2014 final results.

Allocating results to rate classes

HOBNI 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 HOBNI has no program results.

HOBNI 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 HOBNI are:

- Residential (kWh)
- GS <50 kW(kWh)
- GS 50 to 699 kW (kW)
- GS 700 to 4,999 kW(kW)
- Large Use (kW)
- Unmetered Scattered Load (kWh)
- Street Lighting (kW) and
- Standby Power (kW).

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 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 results. Tables 7 and 8, corresponding to 2011 and 2012 show the allocation of the results realized in those years, though these are not included in subsequent calculations.

Load reductions accounted for in the load forecast

HOBNI's last cost of service application was filed for the 2015 rate year (EB-2014-0083). The load forecast associated with that application accounted for actual load losses from 2011 – 2012 and estimated losses for 2013-2014 programs and 2015 – 2020 CDM programs. HOBNI's previous cost of service application was filed for the 2011 rate year (EB-2010-0132). The load forecast associated with that application accounted for estimated load losses from 2011 – 2014 CDM programs. Table 3 of the OEB LRAMVA work form shows the estimates of load reductions, by rate class that were included at the time of the load forecast. Previous load forecasts did not account for the impact of 2011 – 2014 CDM programs.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for HOBNI 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 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 Tables 7 and 8 show zero lost revenues and zero persistence reflecting the fact that these have already been recovered in previous rate applications.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for HOBNI are shown in Table 5 of the OEB LRAMVA work form. As HOBNI's rates are set for the calendar year, unlike many other LDCs, no pro-rating of rates was required, and the values in Table 6 are the same as those in Table 5.

Lost revenues

The lost revenues for each year by rate class for HOBNI 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 2013-2015 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 HOBNI's applicable load forecast. The impact on HOBNI'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 HOBNI's 2015 COS rate case (EB-2014-0083), disposition of the 2011 to 2012 lost revenue amounts in Account 1568 was approved. The lost revenue from 2011 and 2012 CDM programs in 2011–2014 thus have not been included in the calculations in Table 1.

The load forecast for HOBNI's 2015 COS rate case was based on 2013 base year load data. CDM program impacts from years prior to 2013 are embedded in the base year load data. Thus, persistence of CDM

program impacts prior to 2013 were not included in the lost revenue calculations for 2015.

Carrying charges

The monthly carrying charges by rate class on HOBNI'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 December 31, 2016.

Conclusions

The LRAMVA balance at the end of December 2015 for HOBNI that includes results from 2013 – 2015 CDM programs and adjustments to 2013 results is \$879,049.02. The total carrying charges on this LRAMVA balance accumulated to December 31, 2016 are \$23,272.32. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$161,462.55	\$3,773.96	\$165,236.51
GS < 50 kW	\$463,843.92	\$11,461.18	\$475,305.10
GS 50 to 699 kW	\$220,292.46	\$7,008.16	\$227,300.62
GS 700 to 4,999 kW	\$3,821.49	\$558.60	\$4,380.09
Large Use	\$27,235.20	\$381.96	\$27,617.16
Unmetered Scattered Load	-\$1,390.93	-\$51.42	-\$1,442.36
Street Lighting	\$3,784.34	\$139.87	\$3,924.21
Total	\$879,049.02	\$23,272.32	\$902,321.33

NOTE: There are no LRAMVA or carrying charge values associated with rate classes not included in this table.

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.



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EXHIBIT 3: APPENDICES

APPENDIX F

IESO 2011 - 2014 FINAL RESULTS REPORT



saveONenergy™

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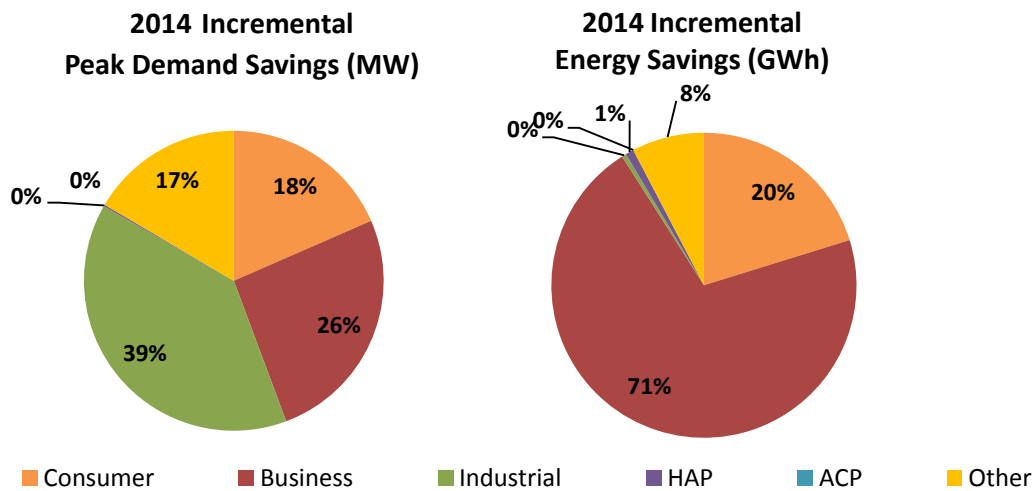
IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

LDC: Hydro One Brampton Networks Inc.

Final 2014 Achievement Against Targets	2014 Incremental	2011-2014	
		Achievement Against Target	% of Target Achieved
Net Annual Peak Demand Savings (MW)	17.6	27.9	61.2%
Net Energy Savings (GWh)	61.4	239.4	126.3%

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)

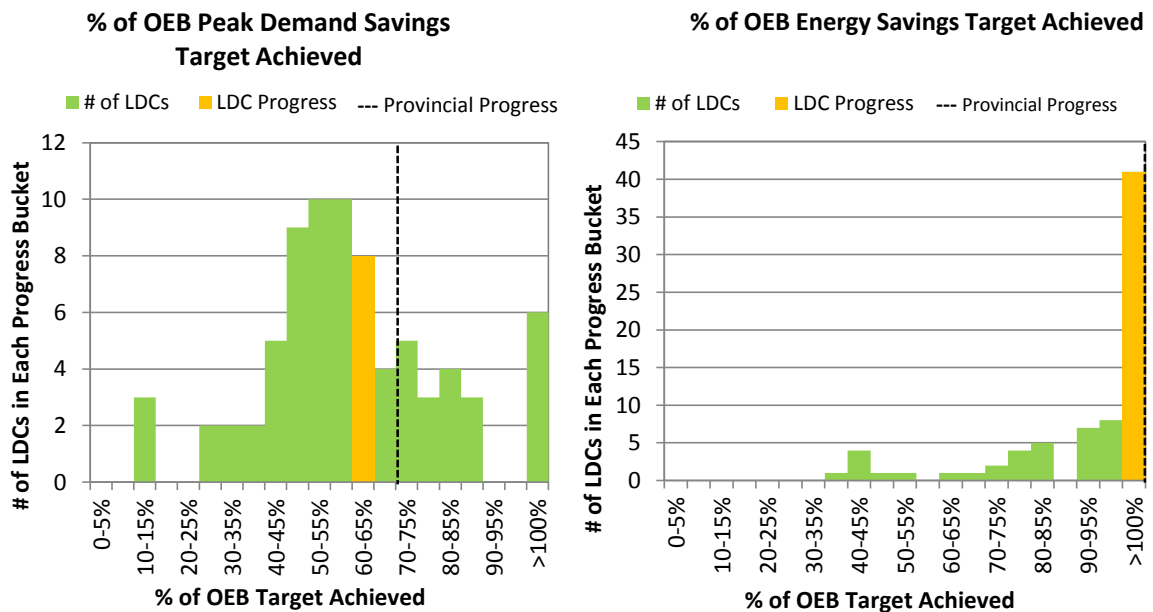


Table 1: Hydro One Brampton Networks Inc. Initiative and Program Level Net Savings by Year

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)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
Consumer Program															
Appliance Retirement	Appliances	879	583	354	289	49	33	23	19	355,028	230,362	150,148	125,609	123	2,535,884
Appliance Exchange	Appliances	46	32	77	80	4	5	16	17	5,189	8,106	28,447	29,555	38	128,734
HVAC Incentives	Equipment	3,253	3,401	4,131	4,978	1,131	710	806	912	2,057,629	1,202,085	1,367,674	1,657,748	3,558	16,229,867
Conservation Instant Coupon Booklet	Items	18,022	871	9,805	29,462	38	6	15	60	644,009	39,402	217,201	802,995	119	3,931,638
Bi-Annual Retailer Event	Items	26,832	29,896	26,624	135,963	47	42	33	227	828,145	754,713	484,132	3,463,427	349	10,008,411
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	902	910	2,430	0	467	516	1,256	0	3,387	495	0	1,256	3,882
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	76	0	0	0	10	0	0	0	66,703	10	66,703
Consumer Program Total						1,270	1,262	1,409	2,499	3,890,000	2,238,056	2,248,096	6,146,036	5,453	32,905,119
Business Program															
Retrofit	Projects	72	207	374	294	473	2,097	2,351	2,336	2,302,032	12,489,528	15,912,521	18,550,920	7,254	97,040,370
Direct Install Lighting	Projects	0	0	912	689	0	0	694	482	0	0	2,383,867	1,836,502	1,176	6,604,236
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	3	7	0	0	52	144	0	0	92,807	481,103	196	666,717
Energy Audit	Audits	9	4	4	10	0	16	35	134	0	75,529	193,803	652,736	184	1,266,928
Small Commercial Demand Response	Devices	0	0	0	18	0	0	0	10	0	0	0	0	10	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	1	1	1	2	58	58	59	399	2,251	840	783	0	399	3,874
Business Program Total						530	2,170	3,192	3,505	2,304,282	12,565,897	18,583,781	21,521,260	9,220	105,582,125
Industrial Program															
Process & System Upgrades	Projects	0	0	1	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	0	0	0
Energy Manager	Projects	0	0	1	2	0	0	0	41	0	0	0	142,417	41	142,417
Retrofit	Projects	18	0	0	0	190	0	0	0	1,185,812	0	0	0	190	4,743,247
Demand Response 3	Facilities	4	9	14	18	2,276	2,787	3,758	5,241	133,616	67,157	103,236	0	5,241	304,009
Industrial Program Total						2,467	2,787	3,758	5,282	1,319,428	67,157	103,236	142,417	5,472	5,189,672
Home Assistance Program															
Home Assistance Program	Homes	0	1	0	366	0	0	0	23	0	0	0	266,840	23	266,840
Home Assistance Program Total						0	0	0	23	0	0	0	266,840	23	266,840
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	64	0	0	0	890	0	0	0	5,001,908	0	0	0	890	20,007,633
High Performance New Construction	Projects	6	3	0	0	111	82	0	0	571,295	363,461	0	0	194	3,375,564
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						1,001	82	0	0	5,573,204	363,461	0	0	1,084	23,383,197
Other															
Program Enabled Savings	Projects	0	0	0	6	0	0	0	361	0	0	0	2,330,503	361	2,330,503
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	1,879	0	0	0	0	1,879	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total						0	0	0	2,240	0	0	0	2,330,503	2,240	2,330,503
Adjustments to 2011 Verified Results															
Adjustments to 2012 Verified Results															
Adjustments to 2013 Verified Results															
Energy Efficiency Total						2,934	2,990	4,026	6,643	12,951,047	15,163,186	20,830,599	30,407,056	16,586	169,345,691
Demand Response Total (Scenario 1)						2,334	3,311	4,332	6,906	135,867	71,385	104,514	0	6,906	311,765
Adjustments to Previous Years' Verified Results Total						0	176	231	4,026	0	836,140	1,328,648	31,041,369	4,432	69,697,284
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						5,268	6,477	8,590	17,575	13,086,913	16,070,711	22,263,761	61,448,425	27,924	239,354,740
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).														Full OEB Target:	
Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year.														% of Full OEB Target Achieved to Date (Scenario 1):	
														45,610	189,540,000
														61.2%	126.3%

Table 2: Adjustments to Hydro One Brampton Networks 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)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
														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	-802	148	225		-221	31	49		-402,524	61,339	86,302		-141	-1,253,473
Conservation Instant Coupon Booklet	Items	232	0	30		0	0	0		7,768	0	664		1	32,400
Bi-Annual Retailer Event	Items	2,306	0	0		3	0	0		61,528	0	0		3	246,114
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						-218	31	49		-333,227	61,339	86,966		-138	-974,959
Business Program															
Retrofit	Projects	19	25	40		299	299	3,036		956,343	1,499,120	25,374,977		3,632	59,065,854
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	0	2		0	0	31		0	0	36,769		31	73,538
Energy Audit	Audits	5	1	0		27	6	0		131,991	28,592	129		33	614,000
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						326	305	3,067		1,088,334	1,527,712	25,411,874		3,696	59,753,392
Industrial Program															
Process & System Upgrades	Projects	0	0	1		0	0	345		0	0	1,035,720		345	2,071,440
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	0	1		0	0	460		0	0	4,243,500		460	8,487,000
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	805		0	0	5,279,220		805	10,558,440
Home Assistance Program															
Home Assistance Program	Homes	0	1	0		0	0	0		0	2,755	0		0	8,234
Home Assistance Program Total						0	0	0		0	2,755	0		0	8,234
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	2	0	0		69	0	0		88,044	0	0		69	352,177
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						69	0	0		88,044	0	0		69	352,177
Other															
Program Enabled Savings	Projects	0	0	0		0	0	0		0	0	0		0	0
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						0	0	0		0	0	0		0	0
Adjustments to 2011 Verified Results						177				843,151				177	3,372,604
Adjustments to 2012 Verified Results							336				1,591,806			336	4,775,389
Adjustments to 2013 Verified Results								3,921				30,778,060		3,919	61,549,292
Total Adjustments to Previous Years' Verified Results						177	336	3,921		843,151	1,591,806	30,778,060		4,432	69,697,284

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. Adjustments in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 3: Hydro One Brampton Networks 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	0.46	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	1.81	1.00	1.00	1.00	1.00	1.11	1.05	1.13	1.86
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	0.88	n/a	n/a	n/a	0.63	n/a	n/a	n/a	0.46	n/a	n/a	n/a	0.63
Business Program																
Retrofit	0.93	0.91	0.93	0.82	0.72	0.76	0.75	0.72	1.15	1.05	1.04	1.02	0.75	0.76	0.73	0.73
Direct Install Lighting	n/a	n/a	0.82	0.78	n/a	n/a	0.94	0.94	n/a	n/a	0.84	0.83	n/a	n/a	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	1.00	0.56	n/a	n/a	0.54	0.54	n/a	n/a	1.00	0.62	n/a	n/a	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	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	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
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	0.91	n/a	n/a	n/a	0.90	n/a	n/a	n/a	0.96	n/a	n/a	n/a	0.90
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	n/a	0.68	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.75	n/a	n/a	n/a	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	0.84	n/a	n/a	n/a	0.55	n/a	n/a	n/a	0.87	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	0.90	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	5.3	2.9	2.9	2.9
2012 - Verified†	0.2	6.5	3.2	3.2
2013 - Verified†	0.0	0.2	8.6	4.3
2014 - Verified†	0.0	0.1	4.0	17.6
Verified Net Annual Peak Demand Savings Persisting in 2014:				27.9
Hydro One Brampton Networks Inc. 2014 Annual CDM Capacity Target:				45.6
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				61.2%

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

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	13.1	13.0	13.0	12.9	51.9
2012 - Verified†	0.8	16.1	16.0	16.0	48.9
2013 - Verified†	0.0	1.3	22.3	22.2	45.7
2014 - Verified†	0.0	0.3	31.05	61.4	92.8
Verified Net Cumulative Energy Savings 2011-2014:					239.4
Hydro One Brampton Networks Inc. 2011-2014 Annual CDM Energy Target:					189.5
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					126.3%

†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)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh) 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
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).														Full OEB Target:	
														1,330,000	
														6,000,000,000	
% of Full OEB Target Achieved to Date (Scenario 1):														70%	
														109%	

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)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
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. Adjustments 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: Hydro One Brampton Networks 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	101	33	49	41	724,938	230,362	318,729	266,083
Appliance Exchange**	Appliances	9	5	30	31	10,069	8,106	54,047	56,153
HVAC Incentives	Equipment	1,870	1,421	1,656	1,908	3,434,184	2,443,184	2,861,631	3,485,309
Conservation Instant Coupon Booklet	Items	34	7	13	35	585,039	37,364	192,816	465,066
Bi-Annual Retailer Event	Items	42	46	32	130	758,027	823,484	463,320	1,979,786
Retailer Co-op	Items	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	467	516	1,256	0	3,387	495	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	15	0	0	0	105,877
Consumer Program Total		2,056	1,978	2,297	3,418	5,512,257	3,545,888	3,891,038	6,358,275
Business Program									
Retrofit	Projects	660	2,661	3,169	3,092	3,064,280	15,353,221	21,721,117	25,053,758
Direct Install Lighting	Projects	0	0	735	510	0	0	2,525,630	1,945,714
Building Commissioning	Buildings	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	97	267	0	0	171,865	890,931
Energy Audit	Audits	0	16	54	198	0	75,529	293,243	972,780
Small Commercial Demand Response	Devices	0	0	0	10	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	58	58	59	399	2,251	840	783	0
Business Program Total		718	2,734	4,114	4,476	3,066,531	15,429,591	24,712,638	28,863,184
Industrial Program									
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	0	45	0	0	0	158,241
Retrofit	Projects	271	0	0	0	1,634,077	0	0	0
Demand Response 3	Facilities	2,276	2,787	3,758	5,241	133,616	67,157	103,236	0
Industrial Program Total		2,547	2,787	3,758	5,286	1,767,693	67,157	103,236	158,241
Home Assistance Program									
Home Assistance Program	Homes	0	0	0	23	0	0	0	266,840
Home Assistance Program Total		0	0	0	23	0	0	0	266,840
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	1,621	0	0	0	8,925,378	0	0	0
High Performance New Construction	Projects	222	165	0	0	1,142,591	726,922	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		1,844	165	0	0	10,067,968	726,922	0	0
Other									
Program Enabled Savings	Projects	0	0	0	361	0	0	0	2,330,503
Time-of-Use Savings	Homes	0	0	0	1,879	0	0	0	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0
Other Total		0	0	0	2,240	0	0	0	2,330,503
Adjustments to 2011 Verified Results			442	1	2		1,662,087	1,488	9,004
Adjustments to 2012 Verified Results				344	152			1,852,033	356,464
Adjustments to 2013 Verified Results					5,176				40,098,049
Energy Efficiency Total		4,832	4,352	5,836	8,537	20,278,582	19,698,173	28,602,398	37,977,042
Demand Response Total		2,334	3,311	4,332	6,906	135,867	71,385	104,514	0
Adjustments to Previous Years' Verified Results Total		0	442	345	5,330	0	1,662,087	1,853,520	40,463,517
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		7,166	8,105	10,513	20,773	20,414,449	21,431,645	30,560,432	78,440,559

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 Hydro One Brampton Networks 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	-367	67	102		-672,377	125,315	181,571	
Conservation Instant Coupon Booklet	Items	0	0	0		7,213	0	582	
Bi-Annual Retailer Event	Items	3	0	0		66,889	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		-363	67	102		-598,275	125,315	182,153	
Business Program									
Retrofit	Projects	420	272	4,071		1,253,285	2,050,248	33,908,736	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	0	0	57		0	0	68,091	
Energy Audit	Audits	26	5	0		125,881	30,210	194	
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		446	277	4,129		1,379,166	2,080,458	33,977,021	
Industrial Program									
Process & System Upgrades	Projects	0	0	437		0	0	1,233,000	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	511		0	0	4,715,000	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		0	0	948		0	0	5,948,000	
Home Assistance Program									
Home Assistance Program	Homes	0	0	0		0	2,755	0	
Home Assistance Program Total		0	0	0		0	2,755	0	
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	360	0	0		882,684	0	0	
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		360	0	0		882,684	0	0	
Other									
Program Enabled Savings	Projects	0	0	0		0	0	0	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		0	0	0		0	0	0	
Adjustments to 2011 Verified Results		443				1,663,575			
Adjustments to 2012 Verified Results			344				2,208,528		
Adjustments to 2013 Verified Results				5,178				40,107,174	
Total Adjustments to Previous Years' Verified Results		443	344	5,178		1,663,575	2,208,528	40,107,174	

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

EXHIBIT 3: APPENDICES

APPENDIX G

IESO 2015 FINAL RESULTS REPORT

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

#	Worksheet Name	Worksheet Description
1	How to Use This Report	Describes the contents and structure of this report
2	Report Summary	<p>A high level summary of the Final 2015 Annual Verified Results Report, including:</p> <ol style="list-style-type: none"> 1) progress toward the LDC's <ol style="list-style-type: none"> a) Allocated 2020 Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) annual savings and spending; 4) Annual FCR Progress; 5) annual LDC CDM Plan spending progress; 6) graphs describing: <ol style="list-style-type: none"> a) contribution to 2020 Target Achievement by program; b) 2015 LDC CDM Plan Budget Spending by Sector; c) annual energy savings persistence to 2020 by year; d) your Allocated Target achievement progress relative to your peers; and e) your LDC CDM Plan Budget Spending progress relative to your peers;
3	LDC Progress	<p>A comprehensive report of 2015 conservation results including:</p> <ol style="list-style-type: none"> 1) activity; 2) savings including: <ol style="list-style-type: none"> a) energy and demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target achievement; and 3) spending, including participant incentives and administrative expenses. <p>Data is grouped by category and summarized at the LDC level.</p>
4	Province-Wide Progress	<p>A comprehensive report of 2015 conservation results including:</p> <ol style="list-style-type: none"> 1) activity; 2) savings including: <ol style="list-style-type: none"> a) energy and demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target achievement; and 3) spending, including participant incentives and administrative expenses. <p>Data is grouped by category and summarized at the province-wide level.</p>
5	IESO Value Added Services Costs	Provision of the LDCs and the Province-Wide aggregated IESO Value Added Services activity and costs for each year.
6	Methodology	Description of the methods used to calculate energy savings, financial results and cost-effectiveness.
7	Reference Tables	Consumer Program Province-Wide results allocation to specific LDCs.
8	Glossary	Definitions for the terms used throughout this report.

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.

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Please note:

- 1) Cost Effectiveness Test (CET) results including:
 - a) total resource cost test;
 - b) program administration cost test;
 - c) leveled 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: Hydro One Brampton Networks 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)	29,578.103	255,160.002	12	255,160.000	12	56
2	Total Spending (\$)	363,847	66,798,530	1	66,798,531	1	20

Annual Results

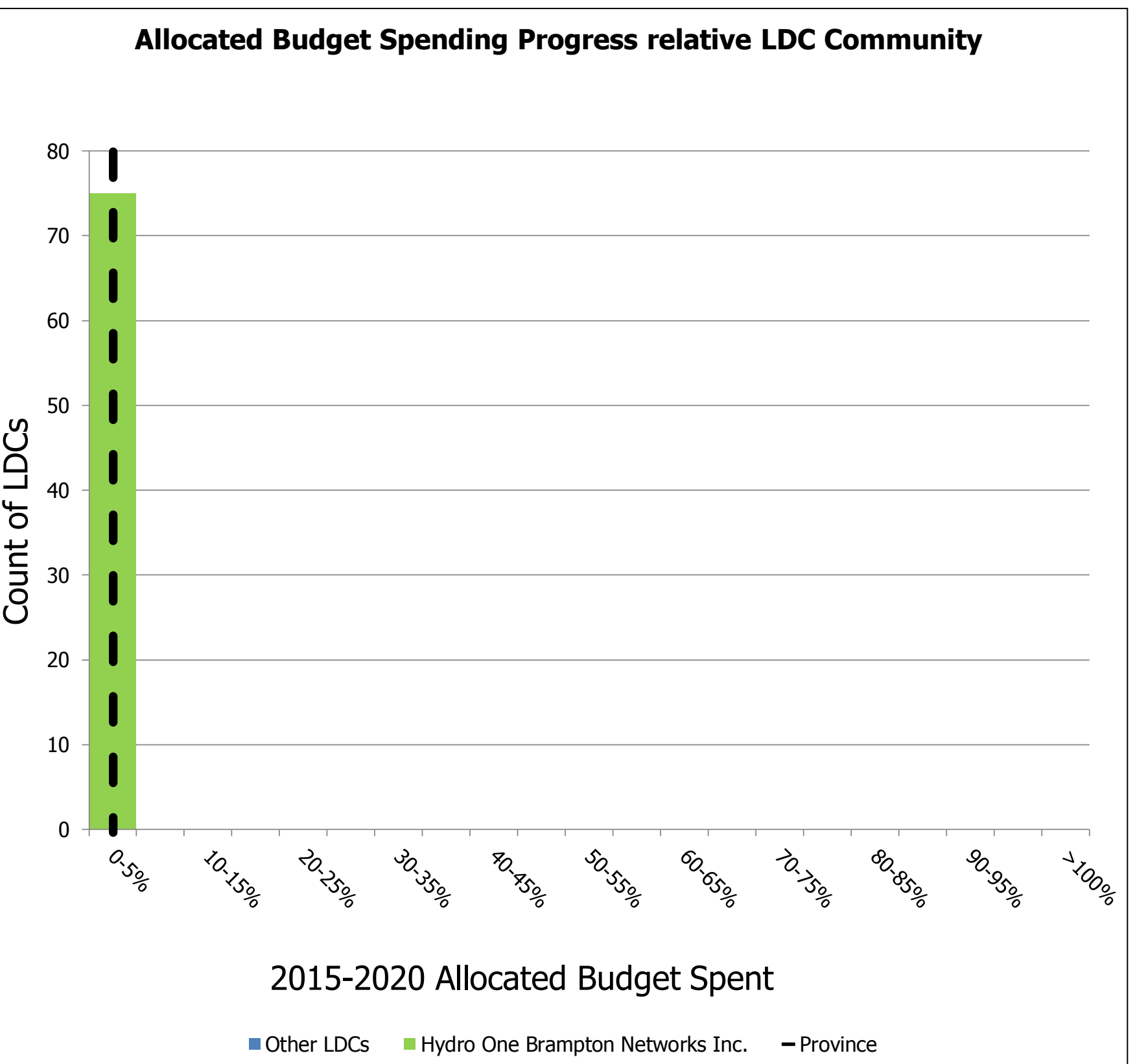
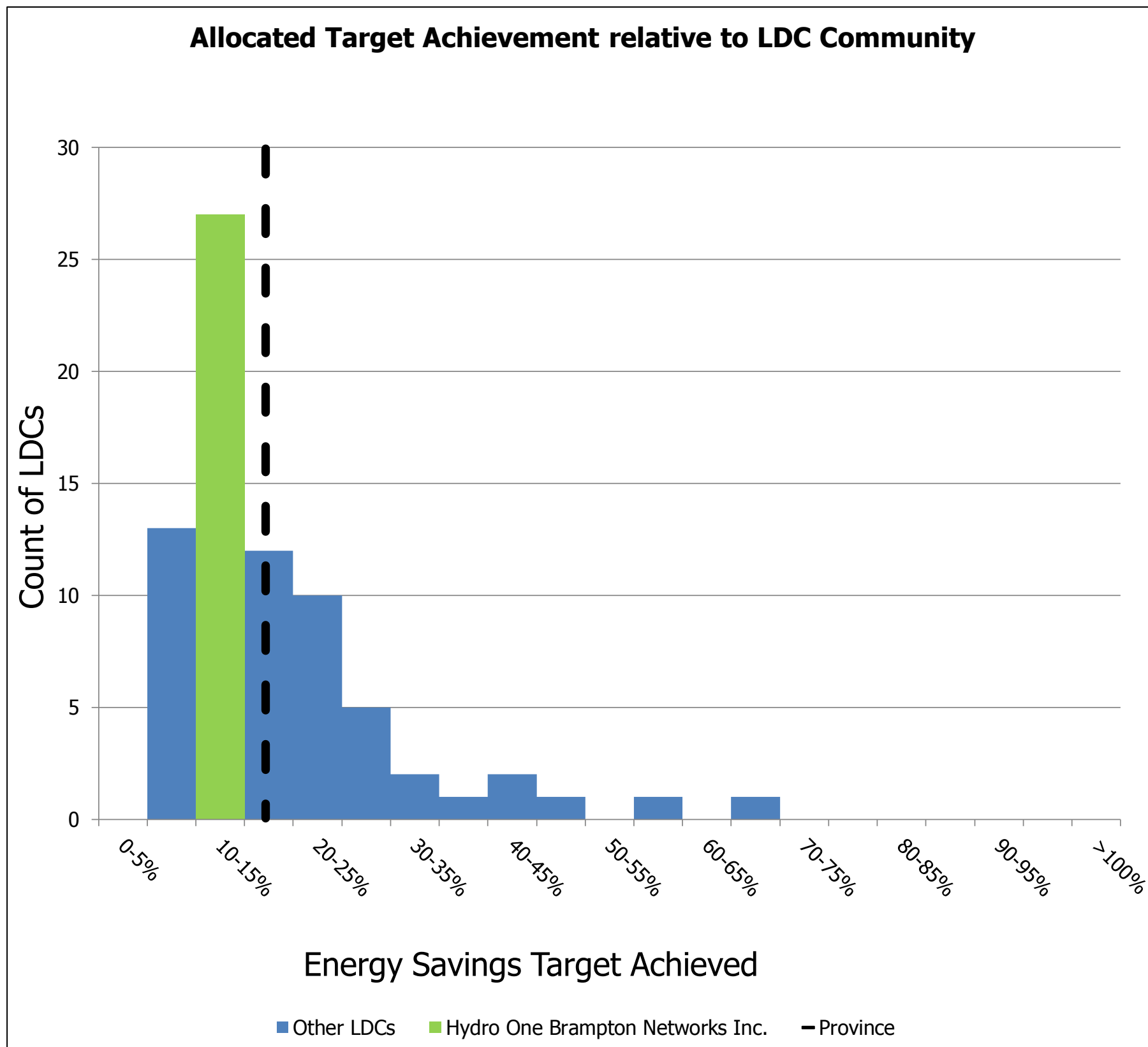
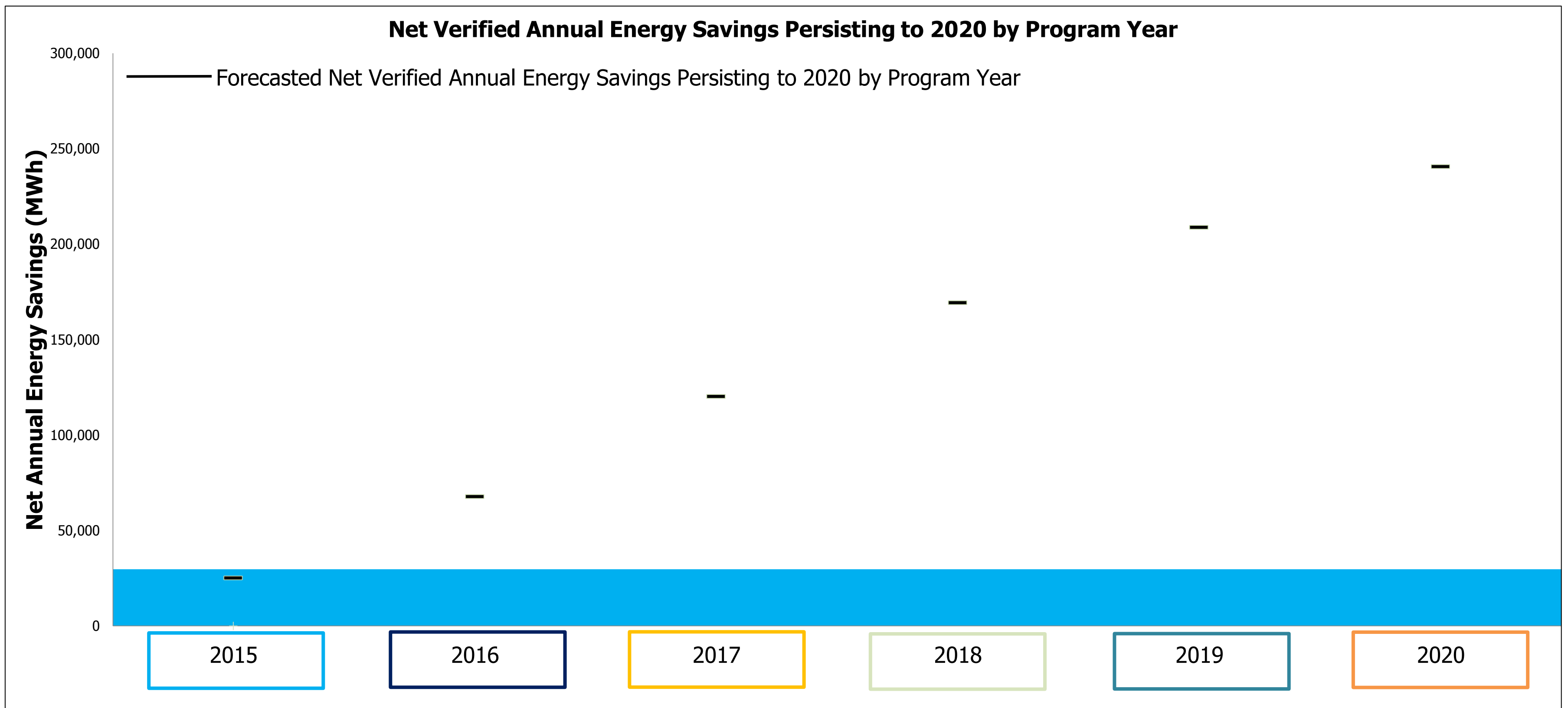
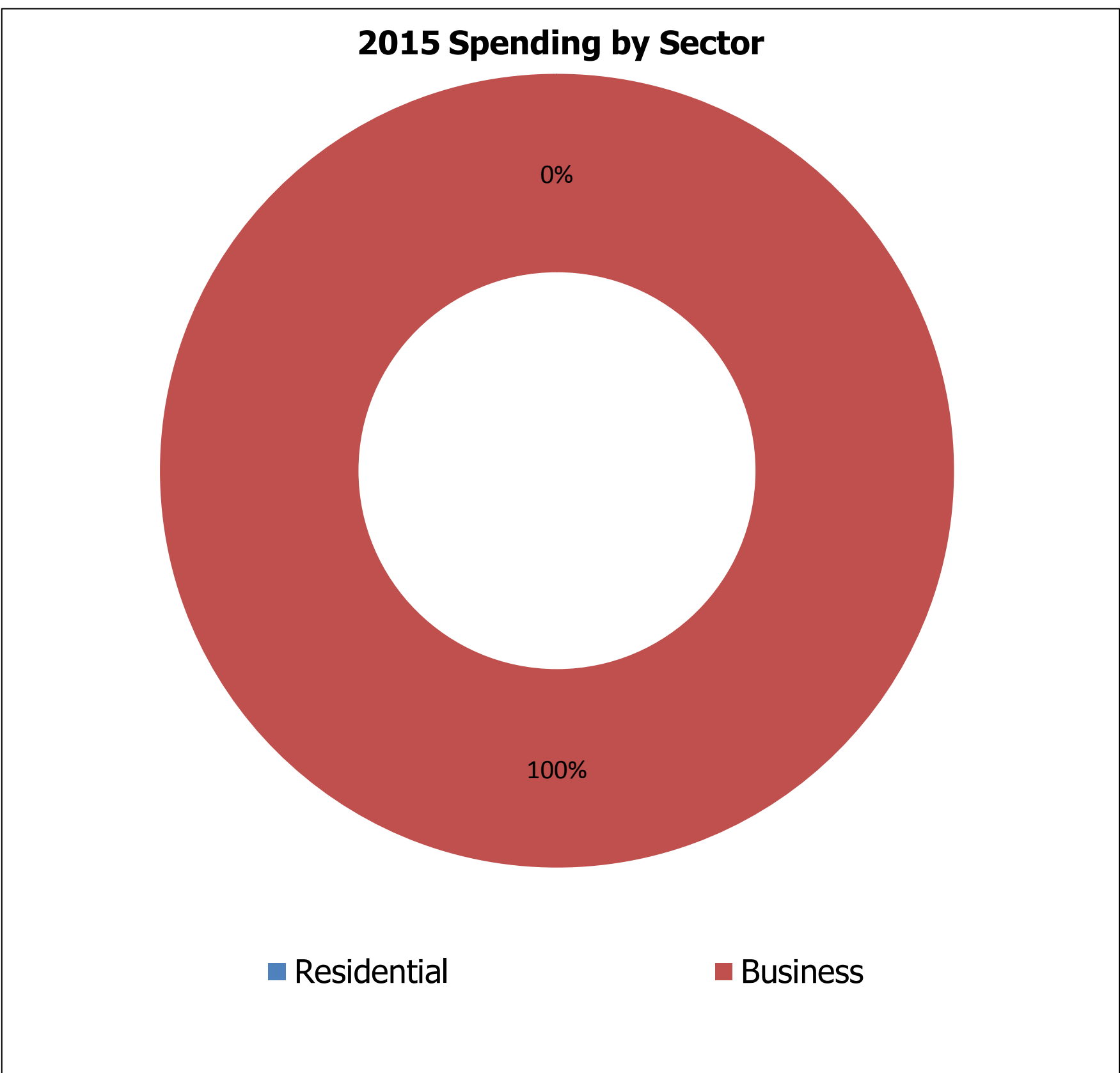
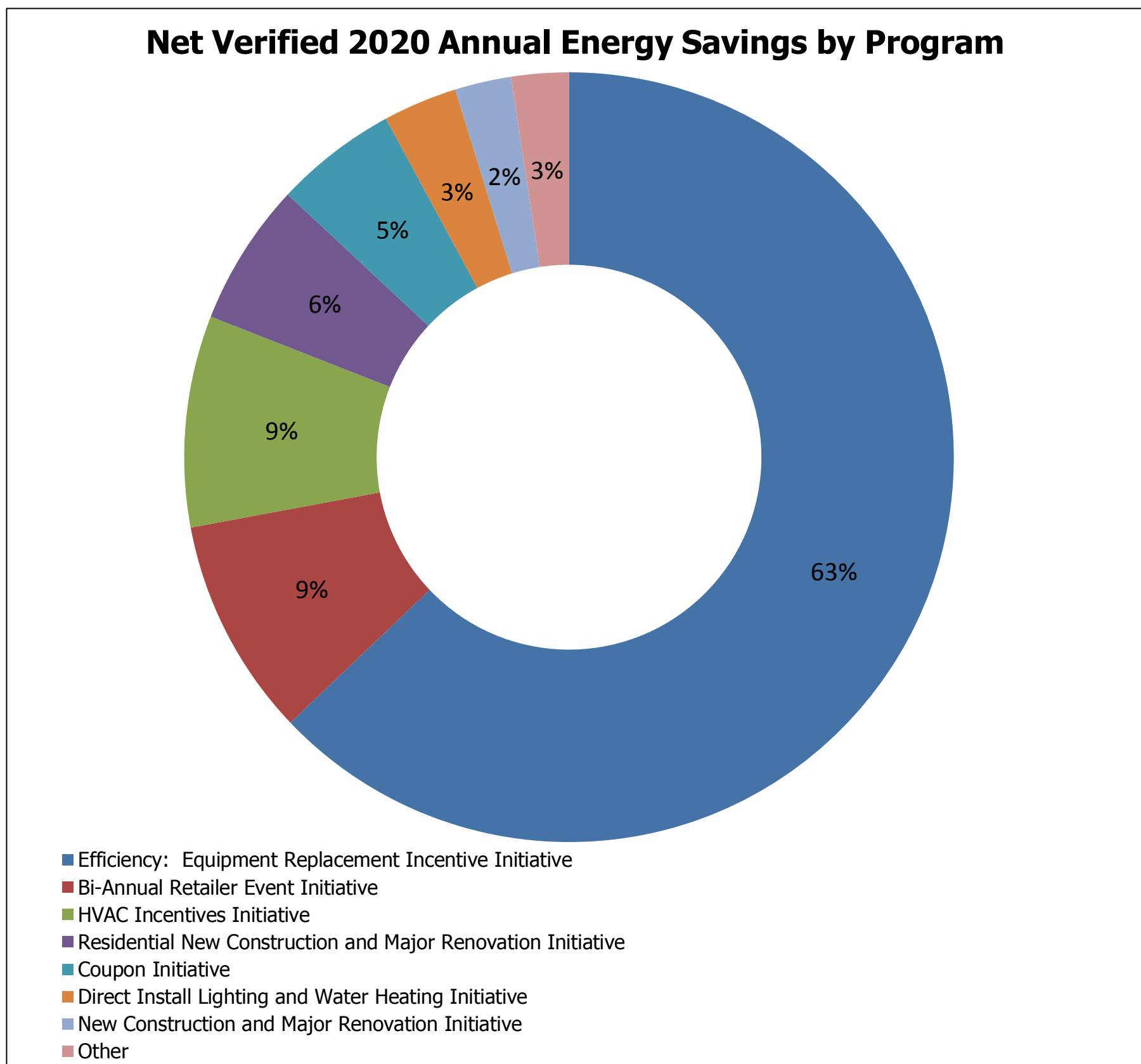
#	Metric	2015	2016	2017	2018	2019	2020	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	29,578.103						29,578.103
2	Net Verified Incremental First Year Energy Savings (MWh)	33,457.940						33,457.940
3	Total Spending (\$)	363,847						363,847
4	Total Resource Cost Test (Ratio)	n/a						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)	33,457.940
2	Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh)	26,330.838
3	Annual Full Cost Recovery Progress (%)	127

Budget Progress

#	Metric	Result
1	2015 Spending (\$)	363,847
2	2015 CDM Plan Budget (\$)	132,922
3	CDM Plan Budget Progress (%)	274



Hydro One Brampton Networks Inc. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	B-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 Pilot
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 - Co
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 Agricul
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

	Participation																				
Unit of Measure	CDM Plan Forecast Reported (#)							Actual Verified (#)					Progress vs. CDM Plan (%)								
	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total

Measures	59,656						59,656		60,084						60,084	101%						101%
Measures	0						0		108,430						108,430							
Appliances	84						84		76						76	90%						90%
Equipment	7,850						7,850		6,317						6,317	80%						80%
Homes	0						0		929						929							

Audits	8						8		11						11	138%						138%
Projects	366						366		325						325	89%						89%
Projects	363						363		579						579	160%						160%
Buildings	99						99		6						6	6%						6%
Buildings	0						0		0						0							

Projects	0						0		0						0							
Audits	0						0		0						0							
Projects	3						3		3						3	100%						100%

Homes	157						157		235						235	150%						150%

Projects	0						0		0						0							
Participants	0						0		0						0							
Projects	0						0		1						1							
Projects	0						0		0						0							

Homes	0						0		0						0							
Projects	n/a						0		0						0							
	n/a						0		0						0							

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Measures	0	59,656	59,656	59,656	59,656	59,656	298,280		0						0							0%
Equipment	0	4,595	0	0	0	0	4,595		0						0							0%
Homes	0	600	545	599	659	725	3,128		0						0							0%
Homes	0	126	126	126	126	126	630		0						0							0%

Audits	0	6	6	6	6	6	30		0						0							0%
Projects	21	578	571	578	571	578	2,897		19						19	90%						1%
Projects	0	430	1,006	171	0	0	1,607		0						0							0%
Buildings	0	10	10	10	10	10	50		0						0							0%
Buildings	0	0	0	0	0	0	0		0						0							
Projects	0	25	59	59	25	20	188		0						0							0%
Audits	0	0	0	0	0	0	0		0						0							
Projects	0	2	2	2	2	2	10		0						0							0%

Projects	0	276	505	505	505	505	2,296		n/a						0	n/a						0%
Projects	0	0	0	0	0	0	0		n/a						0	n/a						
Participants	0	81	81	81	0	0	243		n/a						0	n/a						0%

Projects									n/a						0							
Projects									n/a						0							
Projects									n/a						0							
Projects									n/a						0							
Participants									n/a						0							
Projects									n/a						0							
Homes									n/a						0							
Projects									n/a						0							
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Participation ^

#	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

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	

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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
33	Sub-total - Business Province-Wide Program

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

37	EnSource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Co
38	Win 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	Nagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricul
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 - PPF - Large (Pilot Savings)
Sub-total - Pilot Program	

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	

Progress Towards Net 2020 Annual Energy Savings Target - (Contribution by Year)														
CDM Plan Forecast Reported (kWh)							Actual Verified (kWh)						Allocated Target (kWh)	Progress vs. Target (%)
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020		

475,517					475,517	1,525,016					1,525,016	
1,430,901					1,430,901	2,716,212					2,716,212	
0					0	0					0	
2,346,833					2,346,833	2,627,013					2,627,013	
0					0	1,775,510					1,775,510	
4,253,251					4,253,251	8,643,751					8,643,751	

0					0	0					0	
17,951,595					17,951,595	18,600,471					18,600,471	
1,537,606					1,537,606	920,965					920,965	
457,886					457,886	699,864					699,864	
0					0	0					0	
19,947,087					19,947,087	20,221,300					20,221,300	

0						0	0					0	
0						0	0					0	
0						0	59,246					59,246	
0						0	59,246					59,246	

123,150						123,150	152,285					152,285	
123,150						123,150	152,285					152,285	

0						0	0					0	
0						0	0					0	
0						0	0					0	
0						0	0					0	
0						0	0					0	
0						0	0					0	

0						0	0							0	
n/a						0	0							0	
n/a						0	0							0	
0						0	0							0	

24,323,488						24,323,488	29,076,582					29,076,582	
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0	1,906,419	1,906,419	1,906,419	1,906,419	1,906,419	9,532,095	0				0
0	1,658,332	0	0	0	0	1,658,332	0				0
0	1,103,530	1,001,454	1,101,599	1,211,759	1,332,935	5,751,277	0				0
0	98,834	98,834	98,834	98,834	98,834	494,170	0				0
0	4,767,115	3,006,707	3,106,852	3,217,012	3,338,188	17,435,874	0				0

0	0	455,121	455,121	455,121	455,121	1,820,484	0					0
796,247	26,550,519	26,295,115	26,550,519	26,295,115	26,550,519	133,038,034	501,521					501,521
0	2,202,634	5,036,407	869,405	0	0	8,108,446	0					0
0	570,000	570,000	570,000	570,000	570,000	2,850,000	0					0
0	0	0	0	0	0	0	0					0
0	8,359,000	16,576,000	16,576,000	8,359,000	475,000	50,345,000	0					0
0	0	0	0	0	0	0	0					0
0	0	380,000	380,000	380,000	380,000	1,520,000	0					0
796,247	37,682,153	49,312,643	45,401,045	36,059,236	28,430,640	197,681,964	501,521					501,521

0	101,558	186,031	186,031	186,031	236,184	895,835	n/a						0
0	0	0	0	0	0	0	n/a						0
0	0	0	363,204	0	0	363,204	n/a						0
0	101,558	186,031	549,235	186,031	236,184	1,259,039	0						0

[illegible]

							n/a						0	
							n/a						0	
							n/a						0	
							n/a						0	
							n/a						0	
							n/a						0	
								0					0	

796,247	42,550,826	52,505,381	49,057,132	39,462,279	32,005,012	216,376,877	501,521				501,521	
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25,119,735	42,550,826	52,505,381	49,057,132	39,462,279	32,005,012	240,700,365	29,578,103					29,578,103	255,160,000	11.59%
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Progress Towards 2020 Net Annual Energy Savings Target >

#	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	

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	

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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
33	Sub-total - Business Province-Wide Program

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

37	EnSource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Co
38	Win 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	Nagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricul
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 - PPF - Large (Pilot Savings)
Sub-total - Pilot Program	

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	

Net Incremental First Year Energy Savings																				
CDM Plan Forecast Reported (kWh)							Actual Verified (kWh)					Annual Cumulative Progress vs. CDM Plan (%)								
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total
475,517						475,517	1,538,773						1,538,773	324%						324%
1,430,901						1,430,901	2,765,359						2,765,359	193%						193%
34,275						34,275	34,312						34,312	100%						100%
2,346,833						2,346,833	2,627,013						2,627,013	112%						112%
0						0	1,775,510						1,775,510							
4,287,526						4,287,526	8,740,967						8,740,967	204%						204%
606,828						606,828	802,189						802,189	132%						132%
17,951,595						17,951,595	18,648,972						18,648,972	104%						104%
1,537,606						1,537,606	1,497,164						1,497,164	97%						97%
457,886						457,886	699,864						699,864	153%						153%
0						0	0						0							
20,553,915						20,553,915	21,648,189						21,648,189	105%						105%
0						0	0						0							
0						0	0						0							
570,000						570,000	59,246						59,246	10%						10%
570,000						570,000	59,246						59,246	10%						10%
123,150						123,150	212,140						212,140	172%						172%
123,150						123,150	212,140						212,140	172%						172%
0						0	0						0							
0						0	0						0							
0						0	2,295,877						2,295,877							
0						0	0						0							
0						0	2,295,877						2,295,877							
0						0	0						0							
n/a						0	0						0							
n/a						0	0						0							
0						0	0						0							
25,534,591						25,534,591	32,956,419						32,956,419	129%						129%
0	1,906,419	1,906,419	1,906,419	1,906,419	1,906,419	9,532,095	0						0							0%
0	1,658,332	0	0	0	0	1,658,332	0						0							0%
0	1,103,530	1,001,454	1,101,599	1,211,759	1,332,935	5,751,277	0						0							0%
0	98,834	98,834	98,834	98,834	98,834	494,170	0						0							0%
0	4,767,115	3,006,707	3,106,852	3,217,012	3,338,188	17,435,874	0						0							0%
0	455,121	455,121	455,121	455,121	455,121	2,275,605	0						0							0%
796,247	26,550,519	26,295,115	26,550,519	26,295,115	26,550,519	133,038,034	501,521						501,521	63%						0%
0	2,202,634	5,036,407	869,405	0	0	8,108,446	0						0							0%
0	570,000	570,000	570,000	570,000	570,000	2,850,000	0						0							0%
0	0	0	0	0	0	0	0						0							0%
0	8,359,000	16,576,000	16,576,000	8,359,000	475,000	50,345,000	0						0							0%
0	0	0	0	0	0	0	0						0							0%
0	380,000	380,000	380,000	380,000	380,000	1,900,000	0						0							0%
796,247	38,517,274	49,312,643	45,401,045	36,059,236	28,430,640	198,517,085	501,521						501,521	63%						0%
0	128,930	236,184	236,184	236,184	236,184	1,073,666	n/a						0	n/a						0%
0	0	0	0	0	0	0	n/a						0	n/a						0%
0	363,204	363,204	363,204	0	0	1,089,612	n/a						0	n/a						0%
0	492,134	599,388	599,388	236,184	236,184	2,163,278	3,834,422						0							0%
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							n/a						0							
							0						0							
796,247	43,776,523	52,918,738	49,107,285	39,512,432	32,005,012	218,116,237	501,521						501,521	63%						0%
26,330,838	43,776,523	52,918,738	49,107,285	39,512,432	32,005,012	243,650,828	33,457,940						33,457,940	127%						14%

Net Incremental First Year Energy Savings >

Hydro One Brampton Networks Inc. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bt-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 Pilot
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 - Co
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 Agricul
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

Net Incremental First Year Peak Demand Savings																			
CDM Plan Forecast Reported (kW)								Actual Verified (kW)						Progress vs. CDM Plan (%)					
2015	2016	2017	2018	2019	2020	Total		2015	2016	2017	2018	2019	2020	Total		2015	2016	2017	2018
32						32		100					100	313%					313%
99						99		187					187	189%					189%
32						32		5					5	16%					16%
2,531						2,531		1,408					1,408	56%					56%
0						0		365					365						
2,694						2,694		2,065					2,065	77%					77%
106						106		171					171	161%					161%
3,155						3,155		2,674					2,674	85%					85%
218						218		339					339	156%					156%
131						131		105					105	80%					80%
0						0		0					0						
3,610						3,610		3,289					3,289	91%					91%
0						0		0					0						
0						0		0					0						
27						27		17					17	63%					63%
27						27		17					17	63%					63%
143						143		18					18	13%					13%
143						143		18					18	13%					13%
0						0		0					0						
0						0		0					0						
0						0		262					262						
0						0		0					0						
0						0		262					262						
0						0		0					0						
n/a						0		0					0						
n/a						0		0					0						
0						0		0					0						
6,474						6,474		5,651					5,651	87%					87%
0	132	132	132	132	132	660		0					0						0%
0	1,332	0	0	0	0	1,332		0					0						0%
0	255	231	254	280	308	1,328		0					0						0%
0	115	115	115	115	115	575		0					0						0%
0	1,834	478	501	527	555	3,895		0					0						0%
0	79	79	79	79	79	395		0					0						0%
146	4,656	4,613	4,656	4,613	4,656	23,340		103					103	71%					0%
0	313	715	123	0	0	1,151		0					0						0%
0	182	182	182	182	182	910		0					0						0%
0	0	0	0	0	0	0		0					0						
0	58	574	574	58	57	1,321		0					0						0%
0	0	0	0	0	0	0		0					0						
0	18	18	18	18	18	90		0					0						0%
146	5,306	6,181	5,632	4,950	4,992	27,207		103					103	71%					0%
0	18	33	33	33	33	150		n/a					0	n/a					0%
0	0	0	0	0	0	0		n/a					0	n/a					
0	162	162	162	0	0	486		n/a					0	n/a					0%
0	180	195	195	33	33	636		1,092					0						0%
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								n/a					0						
								0					0						
146	7,320	6,854	6,328	5,510	5,580	31,738		103					103	71%					0%
6,620	7,320	6,854	6,328	5,510	5,580	38,212		5,754					5,754	87%					15%

Net Incremental First Year Peak Demand Savings ^

Hydro One Brampton Networks Inc. Progress

#	Programs
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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 Pilot
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	

[illegible]

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 - Core
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 Agriculture Sector
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**

Net-to-Gross and Realization Rate Adjustments - Actual Verified																				
Energy Savings											Demand Savings									
Realization Rate (%)						Net-to-Gross (%)					Realization Rate (%)						Net-to-Gross (%)			
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total

[illegible]

100%						88%						100%						88%					
99%						75%						90%						75%					
74%						94%						62%						92%					
116%						54%						105%						53%					
100%						100%						100%						100%					

100%						100%						100%						100%					
100%						100%						100%						100%					
95%						75%						131%						81%					

[illegible][illegible]

100%					100%					100%					100%				
100%					100%					100%					100%				
100%					100%					100%					100%				

Four empty 100% grids, each consisting of a horizontal bar divided into 10 equal segments, for recording data.

100%						100%						100%						100%					
100%						100%						100%						100%					
100%						100%						100%						100%					
100%						100%						100%						100%					
100%						100%						100%						100%					

[illegible][illegible][illegible][illegible][illegible] \wedge

Net-to-Gross and Realization Rate Adjustments - Actual

Hydro One Brampton Networks Inc. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	B-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 Pilot
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 - Co
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
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45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricul
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

Gross Incremental First Year Energy Savings							
Actual Verified (kWh)							
2015	2016	2017	2018	2019	2020	Total	

883,947						883,947	
1,588,558						1,588,558	
72,405						72,405	
4,717,184						4,717,184	
3,580,869						3,580,869	
10,842,963						10,842,963	

912,646						912,646	
24,749,956						24,749,956	
1,591,034						1,591,034	
1,302,594						1,302,594	
0						0	
28,556,230						28,556,230	

0						0	
0						0	
78,995						78,995	
78,995						78,995	

212,140						212,140	
212,140						212,140	

0						0	
0						0	
2,295,877						2,295,877	
0						0	
2,295,877						2,295,877	

0						0	
0						0	
0						0	
0						0	

Sub-total - 2011-2014+2015 Extension Legacy Framework

0						0	
0						0	
0						0	
0						0	
0						0	
0						0	

0						0	
661,701						661,701	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
661,701						661,701	

n/a						0	
n/a						0	
n/a						0	
0						0	

n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
0						0	

n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
0						0	

Sub-total - 2015-2020 Conservation First Framework

Total

Gross Incremental First Year Energy Savings ^

Gross Incremental First Year Peak Demand Savings							
Actual Verified (kW)							
2015	2016	2017	2018	2019	2020	Total	

57						57	
107						107	
11						11	
2,529						2,529	
743						743	
3,447						3,447	

195						195	
3,551						3,551	
367						367	
197						197	
0						0	
4,310						4,310	

0						0	
0						0	
21						21	
21						21	

18						18	
18						18	

0						0	
0						0	
262						262	
0						0	
262						262	

0						0	
0						0	
0						0	
0						0	

Sub-total - 2011-2014+2015 Extension Legacy Framework

0						0	
0						0	
0						0	
0						0	
0						0	
0						0	

0						0	
137						137	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
137						137	

n/a						0	
n/a						0	
n/a						0	
0						0	

n/a						0	
n/a						0	
n/a						0	
n/a						0	
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n/a						0	
n/a						0	
n/a						0	
n/a						0	
0						0	

n/a						0	
n/a						0	
n/a						0	
n/a						0	
n/a						0	
0						0	

Sub-total - 2015-2020 Conservation First Framework

Total

Gross Incremental First Year Peak Demand Savings ^

Savings Group ^

Hydro One Brampton Networks Inc. Progress

#	Programs
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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 Pilot
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	

	2011-2014	2015 Extension	Total
Sub-total - 2011-2014+2015 Extension Legacy Framework	\$879,633,160	\$1,214,323,500	\$2,093,956,660

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 Upgrade 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 - Co
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	60	70	80	90	100
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Participant Incentive Spending																					
CDM Plan Forecast (\$)							Actual Verified (\$)						Progress vs. CDM Plan (%)								
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

	0	0	0	0	0	0	0	n/a					0	n/a							
	0	0	0	0	0	0	0	n/a					0	n/a							
	0	0	0	0	0	0	0	n/a					0	n/a							
	0	0	0	0	0	0	0	n/a					0	n/a							
	0	0	0	0	0	0	0	n/a					0	n/a							

[illegible][illegible]

132,922	10,756,144	13,250,875	12,251,380	8,841,541	6,397,111	51,629,972	79,848					79,848	60%					0%
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132,922	10,756,144	13,250,875	12,251,380	8,841,541	6,397,111	51,629,972	79,848	0	0	0	0	0	79,848	60%					0%
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Participant Incentive Spending >

Hydro One Brampton Networks Inc. Progress

#	Programs

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 Pilot
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	\$16,978,000
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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 - Core
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 Agriculture Sector
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	

[illegible]**Total**

Administrative Expense Spending													
CDM Plan Forecast (\$)							Actual Verified (\$)					Progress vs. CDM Plan (%)	
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

	0	20,000	20,000	20,000	20,000	20,000	100,000	0									0%
	0	1,308,683	1,296,094	1,308,683	1,296,094	1,308,683	6,518,239	259,079									4%
	0	167,807	384,540	66,283	0	0	618,630	0									0%
	0	95,000	95,000		95,000	95,000	475,000	0									0%
	0	0	0	0	0	0	0	0									0%
	0	40,000	60,000	60,000	60,000	60,000	280,000	24,919									9%
	0	0	0	0	0	0	0	0									0%
	0	10,000	10,000	10,000	10,000	10,000	50,000	0									0%
	0	1,641,491	1,865,635	1,559,966	1,481,094	1,493,683	8,041,869	283,999									4%

0	13,203	24,206	24,206	24,206	24,206	110,029	n/a					0	n/a					0%
0	0	0	0	0	0	0	n/a					0	n/a					
0	10,000	10,000	10,000	10,000	10,000	50,000	n/a					0	n/a					0%
0	23,203	34,206	34,206	34,206	34,206	160,029	n/a					0						0%

[illegible][illegible]

0	2,249,736	2,308,989	2,016,303	1,951,711	1,980,009	10,506,748	283,999				283,999					3%
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0	2,249,736	2,308,989	2,016,303	1,951,711	1,980,009	10,506,748	283,999	0	0	0	0	0	283,999							3%
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Administrative Expense Spending >

Hydro One Brampton Networks Inc. Progress

#	Programs
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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 Pilot
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 - Control
38	EnWIn Utilities Ltd. - Building Optimization Pilot
39	EnWIn Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor 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

Total Spending																					
CDM Plan Forecast (\$)							Actual Verified (\$)						Progress vs. CDM Plan (%)					Allocated Budget (\$)	Progress vs. Allocated Budget (%)		
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018			2019	2020

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0	157,214	157,214	157,214	157,214	157,214	786,069	0					0						0%
0	1,499,061	0	0	0	0	1,499,061	0					0						0%
0	349,453	317,129	348,842	383,726	422,098	1,821,248	0					0						0%
0	184,547	184,547	184,547	184,547	184,547	922,733	0					0						0%
0	2,190,275	658,889	690,602	725,486	763,859	5,029,111	0					0						0%

[illegible]

0	13,203	24,206	24,206	24,206	24,206	110,029	n/a						0	n/a					0%
0	0	0	0	0	0	0	0	n/a					0	n/a					
0	10,000	10,000	10,000	10,000	10,000	50,000	n/a						0	n/a					0%
0	23,203	34,206	34,206	34,206	34,206	160,029	n/a						0						0%

[illegible][illegible]

132,922	13,005,879	15,559,864	14,267,683	10,793,253	8,377,119	62,136,720	363,847					363,847	274%					1%	
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132,922	13,005,879	15,559,864	14,267,683	10,793,253	8,377,119	62,136,720	363,847	0	0	0	0	0	363,847	274%					1%	66,798,531	0.54%
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Total Spending >

Spending Group >

#	Programs
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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

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	

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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

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

37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Commercial
38	EnW 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 Agriculture Sector
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	

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	

Total	
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[illegible]

n/a				0	n/a				0	n/a				0	n/a				
n/a				0	n/a				0	n/a				0	n/a				
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Total Resource Cost - Cost Effectiveness Test - Actual

[illegible]

n/a				0	n/a				0	n/a				0	n/a				
n/a				0	n/a				0	n/a				0	n/a				
n/a				0	n/a				0	n/a				0	n/a				
0				0	0				0	0				0					

n/a					0	n/a				0	n/a				0	n/a			
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Program Administrator Cost - Cost Effectiveness Test - Actual

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n/a					0	n/a					0	n/a					
n/a					0	n/a					0	n/a					
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	Levelized Unit Energy Cost - Actual	Cost Effectiveness Test - Actual
Levelized Unit Energy Cost - Cost Effectiveness Test	-	-

Cost Effectiveness Tests Group

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	8i-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 Pilot
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 - Co
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 Agricul
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

	Participation																				
Unit of Measure	CDM Plan Forecast Reported (#)							Actual Verified (#)					Progress vs. CDM Plan (%)								
	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total

Measures	1,293,491						1,293,491		2,075,200						2,075,200	160%						160%
Measures	239,193						239,193		3,178,024						3,178,024	1329%						1329%
Appliances	3,613						3,613		14,733						14,733	408%						408%
Equipment	82,193						82,193		102,154						102,154	124%						124%
Homes	0						0		4,012						4,012							

Audits	219						219		356						356	163%						163%
Projects	12,750						12,750		12,547						12,547	98%						98%
Projects	16,852						16,852		18,643						18,643	111%						111%
Buildings	20,636						20,636		168						168	1%						1%
Buildings	15						15		11						11	73%						73%

Projects	89						89		12						12	13%						13%
Audits	9						9		2						2	22%						22%
Projects	132						132		424						424	321%						321%

Homes	32,506						32,506		15,494						15,494	48%						48%

Projects	0						0		18						18							
Participants	0						0		150,258						150,258							
Projects	0						0		10						10							
Projects	0						0		12						12							

Homes	0						0		1,586						1,586							
Projects	n/a						0		14						14							
	n/a						0		0						0							

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Measures	149,482	1,533,885	2,045,606	1,986,558	1,690,883	1,544,515	8,950,929		1,207,534						1,207,534	808%						13%
Equipment	8,324	83,272	70,001	62,933	63,984	63,070	351,584		20,235						20,235	243%						6%
Homes	13,332	42,669	50,506	42,748	34,718	26,943	210,916		0						0	0%						0%
Homes	7,484	36,746	36,572	34,367	33,292	30,995	179,456		1,032						1,032	14%						1%

Audits	33	271	285	284	274	250	1,397		2						2	6%						0%
Projects	1,451	15,657	17,628	14,107	12,928	10,518	72,289		811						811	56%						1%
Projects	114	20,368	22,696	15,979	13,110	12,941	85,208		0						0	0%						0%
Buildings	3	210	213	212	211	204	1,053		0						0	0%						0%
Buildings	0	17	18	18	18	18	89		0						0	0%						0%
Projects	23	755	763	758	720	697	3,716		0						0	0%						0%
Audits	0	10	5	2	2	1	20		0						0	0%						0%
Projects	6	139	145	148	147	145	730		0						0	0%						0%

Projects	0	732	1,556	535	545	530	3,898		n/a						0	n/a						0%
Projects	0	300	400	400	400	300	1,800		n/a						0	n/a						0%
Participants	0	1,089,456	1,914,876	2,435,636	2,536,005	2,535,617	10,511,590		n/a						0	n/a						0%

Projects									n/a						0							
Projects									n/a						0							
Projects									n/a						0							
Projects									n/a						0							
Participants									n/a						0							
Projects									n/a						0							
Homes									n/a						0							
Projects									n/a						0							
Projects									n/a						0							
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Participation ^

#	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

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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

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

37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Commercial
38	EnW Utilities Ltd. - Building Optimization Pilot
39	EnW 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 Volume 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 Agricultural Sector
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - RTU 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 - PPF - Large (Pilot Savings)
Sub-total - Pilot Program	

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	

Total	
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CDM Plan Forecast Reported (kWh)							Actual Verified (kWh)					Allocated Target (kWh)	Progress vs. Target (%)
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019		

2,824,611							2,824,611	0					0	
421,370,270							421,370,270	648,322,776					648,322,776	
61,191,201							61,191,201	32,305,094					32,305,094	
29,093,852							29,093,852	21,792,687					21,792,687	
1,674,286							1,674,286	0					0	
516,154,220							516,154,220	702,420,557					702,420,557	

8,889,660						8,889,660	11,746,825					11,746,825	
8,889,660						8,889,660	11,746,825					11,746,825	

0					0	3,243,409					3,243,409	
n/a					0	7,275,075					7,275,075	
n/a					0	0					0	
0					0	10,518,484					10,518,484	

958,294,594							958,294,594	1,055,983,532					1,055,983,532	
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294,892	3,290,088	13,879,164	13,572,063	13,693,127	12,151,578	56,880,912	0		0
55,584,426	534,759,858	534,753,270	428,553,238	423,763,890	419,628,306	2,397,042,988	19,147,625		19,147,625
410,618	63,588,379	73,395,760	57,879,500	46,967,274	46,439,579	288,681,110	0		0
327,354	19,263,709	19,599,588	19,542,588	24,401,193	18,778,476	101,912,908	0		0
0	2,221,667	2,471,667	2,471,667	2,471,667	2,471,667	12,108,335	0		0
10,251,801	248,859,602	255,273,328	256,631,191	167,630,191	119,267,669	1,052,911,608	0		0
0	9,045,544	1,078,144	502,388	356,288	178,144	15,681,808	0		0
740,583	19,815,119	23,375,625	24,057,971	24,057,500	22,808,912	114,855,710	0		0
67,609,674	895,843,966	927,770,090	803,786,988	703,341,130	641,724,331	4,040,075,379	19,147,625		19,147,625

[illegible]

							n/a							0	
							n/a							0	
							n/a							0	
							n/a							0	
							n/a							0	
							n/a							0	
							0							0	

78,567,161	1,005,262,133	1,036,380,322	904,677,713	802,433,817	811,929,842	4,639,250,988	61,506,291	0	0	0	0	0	0	61,506,291	
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1,036,861,755	1,005,262,133	1,036,380,322	904,677,713	802,433,817	811,929,842	5,597,545,582	1,117,489,823	0	0	0	0	1,117,489,823	6,999,990,000	15.96%
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Progress Towards 2020 Net Annual Energy Savings Target >

#	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	

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

26 | Save on Energy Audit Funding 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	

34 Business Refrigeration Local Program

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

37	Enersource Hydro Mississauga Inc - Performance-Based Conservation Pilot Program - Co
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37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Co
38	EnW Utilities Ltd. - Building Optimization Pilot
39	EnW 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
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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 - PPF - Large (Pilot Savings)
Sub-total - Pilot Program	

51 Adjustments to 2015 CFF Verified Results

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	

Net Incremental First Year Energy Savings																				
CDM Plan Forecast Reported (kWh)							Actual Verified (kWh)							Annual Cumulative Progress vs. CDM Plan (%)						
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total

21,145,720						21,145,720	50,267,679					50,267,679	238%				238%
28,087,320						28,087,320	74,495,781					74,495,781	265%				265%
1,420,382						1,420,382	6,231,034					6,231,034	439%				439%
35,159,491						35,159,491	45,965,427					45,965,427	131%				131%
0						0	6,305,281					6,305,281					
85,812,913						85,812,913	183,265,202					183,265,202	214%				214%

11,116,083										11,116,083	26,333,804							26,333,804	237%					237%
421,370,270										421,370,270	653,480,201							653,480,201	155%					155%
61,191,201										61,191,201	50,394,978							50,394,978	82%					82%
29,093,852										29,093,852	22,022,383							22,022,383	76%					76%
1,924,286										1,924,286	947,849							947,849	49%					49%
524,695,692										524,695,692	753,179,215							753,179,215	144%					144%

331,806,287					331,806,287	122,704,030				122,704,030	37%				37%
1,256,288					1,256,288	1,369,000				1,369,000	109%				109%
21,625,594					21,625,594	35,834,323				35,834,323	166%				166%
354,688,169					354,688,169	159,907,353				159,907,353	45%				45%

8,917,339					8,917,339	14,906,764				14,906,764	167%			167%
8,917,339					8,917,339	14,906,764				14,906,764	167%			167%

	0					0	8,311,388				8,311,388								
	0					0	17,391,939				17,391,939								
	0					0	11,772,874				11,772,874								
	0					0	328,828				328,828								
	0					0	37,805,029				37,805,029								

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974,114,113						974,114,113	1,168,946,701				1,168,946,701	120%				120%
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6,244,259	50,174,012	52,135,347	50,409,465	45,585,837	43,216,378	247,765,298	31,459,586					31,459,586	504%		13%
2,347,079	30,675,039	30,675,176	27,751,713	28,295,451	27,814,750	154,290,208	10,181,961					10,181,961	434%		7%
952,308	7,774,866	8,049,121	7,920,517	7,292,805	7,133,175	39,122,792	0					0	0%		0%
1,421,144	10,816,092	11,095,404	12,605,295	14,402,363	14,227,736	64,568,034	1,145,792					1,145,792	81%		2%
10,964,790	106,171,009	101,955,048	98,686,990	95,576,456	92,392,039	505,746,332	42,787,339					42,787,339	390%		8%

1,199,165	13,523,765	14,379,164	14,172,063	13,693,127	12,151,578	69,118,862	162,592		14%	0%
55,584,426	534,759,858	534,753,270	428,553,238	423,763,890	419,628,306	2,397,042,988	19,243,297	19,243,297	35%	1%
40,618	63,588,379	73,395,760	57,879,500	46,967,274	46,439,579	288,681,110	0	0	0%	0%
327,354	19,263,709	19,599,588	24,542,588	24,401,193	18,778,476	101,912,908	0	0	0%	0%
0	2,221,667	2,471,667	2,471,667	2,471,667	2,471,667	12,108,335	0	0	0%	0%
10,251,803	24,013,300	255,271,338	256,631,027	167,630,261	119,267,669	1,053,065,326	0	0	0%	0%
0	9,045,544	5,023,688	1,078,144	356,288	178,144	15,681,808	0	0	0%	0%
740,583	22,509,192	23,375,625	24,057,971	24,057,500	22,808,912	117,549,783	0	0	0%	0%
68,513,947	908,925,414	928,270,100	804,386,198	703,341,140	641,724,331		19,405,889	19,405,889	28%	0%

0	2,448,730	5,548,937	715,884	875,784	635,934	10,225,269	n/a							0	n/a				0%
0	826,800	1,102,400	1,102,400	1,102,400	826,800	4,960,800	n/a							0	n/a				0%
0	44,571,820	63,353,167	65,106,690	73,526,874	76,350,738	322,909,289	n/a							0	n/a				0%
0	47,847,350	70,004,504	66,924,974	75,505,058	77,813,472	338,095,358		0						0	n/a				0%

						n/a						0					
						n/a						0					
						n/a						0					
						n/a						0					
						n/a						0					
						n/a						0					
						n/a						0					
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						n/a						0					
						n/a						0					
						n/a						0					
						n/a						0					
						n/a						0					
						0						0					

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79,478,737	1,062,943,773	1,100,229,652	969,998,162	874,422,654	811,929,842	4,899,002,820	62,193,228				62,193,228	78%				1%
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1,053,592,850	1,062,943,773	1,100,229,652	969,998,162	874,422,654	811,929,842	5,873,116,933	1,231,139,929				1,231,139,929	117%				21%
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Net Incremental First Year Energy Savings >

#	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

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	

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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 Envelope 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		

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

37	Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Co
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
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42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot
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Sub-total - Pilot Program	

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	

Net Incremental First Year Peak Demand Savings																				
CDM Plan Forecast Reported (kW)							Actual Verified (kW)						Progress vs. CDM Plan (%)							
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total
	1,426					1,426	3,285						3,285	230%						230%
	1,917					1,917	5,100						5,100	266%						266%
	1,036					1,036	1,027						1,027	99%						99%
	20,618					20,618	24,035						24,035	117%						117%
	0					0	1,113						1,113							
	24,997					24,997	34,560						34,560	138%						138%
	1,821					1,821	5,614						5,614	308%						308%
	70,109					70,109	93,596						93,596	134%						134%
	16,601					16,601	11,893						11,893	72%						72%
	5,495					5,495	5,222						5,222	95%						95%
	783					783	437						437	56%						56%
	94,809					94,809	116,762						116,762	123%						123%
	44,236					44,236	13,649						13,649	31%						31%
	143					143	0						0	0%						0%
	3,791					3,791	7,590						7,590	200%						200%
	48,170					48,170	21,239						21,239	44%						44%
	7,758					7,758	2,225						2,225	29%						29%
	7,758					7,758	2,225						2,225	29%						29%
	0					0	724						724							
	0					0	1,649						1,649							
	0					0	1,055						1,055							
	0					0	0						0							
	0					0	3,428						3,428							
	0					0	625						625							
n/a						0	1,145						1,145							
n/a						0	0						0							
	0					0	1,770						1,770							
175,734						175,734	179,984						179,984	102%						102%
	416	3,539	3,685	3,569	3,248	3,090	17,547	2,025					2,025	487%						12%
	1,806	18,347	13,914	11,980	12,104	11,834	69,985	5,322					5,322	295%						8%
	87	1,393	1,375	1,420	1,366	1,408	7,049	0					0	0%						0%
	313	6,559	6,435	6,295	6,245	6,215	32,062	213					213	68%						1%
	2,622	29,838	25,409	23,264	22,963	22,547	126,643	7,560					7,560	288%						6%
	205	2,241	2,394	2,357	2,278	2,015	11,490	35					35	17%						0%
	9,937	80,144	83,912	71,001	71,370	71,359	387,723	2,828					2,828	28%						1%
	119	16,459	18,087	14,685	12,429	12,219	73,998	0					0	0%						0%
	44	4,202	4,316	4,298	4,546	4,149	21,555	0					0	0%						0%
	0	945	1,057	1,057	1,057	1,057	5,173	0					0	0%						0%
	1,221	29,166	28,760	28,010	20,416	15,277	122,850	0					0	0%						0%
	0	1,323	503	123	41	20	2,010	0					0	0%						0%
	90	3,581	3,673	3,816	3,673	3,673	18,649	0					0	0%						0%
	11,616	138,061	142,702	125,347	115,953	109,769	643,448	2,863					2,863	25%						0%
	0	333	755	94	114	84	1,380	n/a					0	n/a						0%
	0	131	175	175	175	131	787	n/a					0	n/a						0%
	0	7,426	9,895	10,316	11,613	11,925	51,175	n/a					0	n/a						0%
	0	7,890	10,825	10,585	11,902	12,140	53,342	0					0	0%						0%
								n/a					0							
								n/a					0							
								n/a					0							
								n/a					0							
								n/a					0							
								n/a					0							
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								n/a					0							
								n/a					0							
								n/a					0							
								n/a					0							
								n/a					0							
								n/a					0							
								0					0							
14,238	175,789	178,936	159,196	150,818	144,456	823,433	10,423						10,423	73%						1%
189,972	175,789	178,936	159,196	150,818	144,456	999,167	190,407						190,407	100%						19%

Net Incremental First Year Peak Demand Savings >

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	B-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 Pilot
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 - Co
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
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42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
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45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricul
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

Net-to-Gross and Realization Rate Adjustments - Actual Verified																									
Energy Savings													Demand Savings												
Realization Rate (%)						Net-to-Gross (%)						Total	Realization Rate (%)						Net-to-Gross (%)						Total
2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020		2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020	

100%						164%							100%						164%						
100%						164%							100%						164%						
100%						47%							100%						46%						
100%						51%							100%						51%						
76%						49%							187%						49%						

100%						89%							100%						89%						
99%						77%							90%						76%						
71%						89%							59%						87%						
98%						54%							92%						54%						
100%						95%							137%						92%						

100%						80%							94%						80%						
100%						100%							0%						100%						
101%						75%							115%						81%						

87%						100%							95%						100%						

100%						100%							100%						100%						
100%						99%							100%						99%						
107%						100%							100%						100%						
23%						64%							100%						100%						

75%						100%							84%						100%						
87%						75%							72%						75%						
100%						100%							100%						100%						

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100%						162%							100%						162%						
100%						56%							100%						56%						
100%						100%							100%						100%						
94%						100%							97%						100%						

100%						98%							100%						100%						
96%						76%							81%						75%						
100%						100%							100%						100%						
100%						100%							100%						100%						
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Net-to-Gross and Realization Rate Adjustments - Actual

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	B-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 Pilot
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 - Co
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
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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

Gross Incremental First Year Energy Savings							
Actual Verified (kWh)							
2015	2016	2017	2018	2019	2020	Total	

30,609,961						30,609,961	
45,290,557						45,290,557	
13,310,542						13,310,542	
90,971,430						90,971,430	
12,752,074						12,752,074	
192,934,564						192,934,564	

29,536,555						29,536,555	
851,918,970						851,918,970	
56,889,848						56,889,848	
40,729,120						40,729,120	
999,323						999,323	
980,073,816						980,073,816	

152,701,395						152,701,395	
1,369,000						1,369,000	
47,779,097						47,779,097	
201,849,492						201,849,492	

14,906,764						14,906,764	
14,906,764						14,906,764	

8,311,388						8,311,388	
17,572,400						17,572,400	
11,772,874						11,772,874	
516,430						516,430	
38,173,092						38,173,092	

3,627,223						3,627,223	
21,581,829						21,581,829	
0						0	
25,209,052						25,209,052	

1,453,146,780						1,453,146,780	
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19,373,413						19,373,413	
18,146,542						18,146,542	
0						0	
1,145,792						1,145,792	
38,665,747						38,665,747	

165,936						165,936	
25,397,914						25,397,914	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
25,563,850						25,563,850	

n/a						0	
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64,229,597						64,229,597	
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1,517,376,377						1,517,376,377	
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Gross Incremental First Year Energy Savings ^

Gross Incremental First Year Peak Demand Savings							
Actual Verified (kW)							
2015	2016	2017	2018	2019	2020	Total	

2,000						2,000	
3,101						3,101	
2,256						2,256	
47,588						47,588	
2,263						2,263	
57,208						57,208	

6,296						6,296	
122,480						122,480	
13,676						13,676	
9,656						9,656	
475						475	
152,583						152,583	

17,026						17,026	
0						0	
9,370						9,370	
26,396						26,396	

2,225						2,225	
2,225						2,225	

724						724	
1,661						1,661	
1,055						1,055	
0						0	
3,440						3,440	

625						625	
1,517						1,517	
0						0	
2,142						2,142	

243,994						243,994	
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1,247						1,247	
9,482						9,482	
0						0	
213						213	
10,942						10,942	

35						35	
3,752						3,752	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
0						0	
3,787						3,787	

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#	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

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	

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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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 Buildings 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

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

37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Commercial
38	EnW Utilities Ltd. - Building Optimization Pilot
39	EnW 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 Agricultural Sector
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - RTU 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 - PPF - Large (Pilot Savings)
Sub-total - Pilot Program	

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	

[illegible]

#	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

6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
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9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional 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	

14	Low Income Initiative
Sub-total - Low-Income Program	

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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	

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 Buildings 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

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

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Sub-total - Pilot Program	

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	

[illegible]

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	8i-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 Pilot
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 - Co
38	EnWin Utilities Ltd. - Building Optimization Pilot
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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
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44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricul
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	
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Total Resource Cost - Cost Effectiveness Test - Actual Verified																											
Benefits (\$)						Costs (\$)						Net Benefit (\$)						Net Benefit Ratio									
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total

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Final 2015 Annual Verified Results Report

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

# Reporting Level		Program	Unit of Measure	Units (#)							Administrative Expenses (\$)						
				2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total
1	Hydro One Brampton Networks 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 Unit 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 within 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 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.	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 directly attributed to LDC based on LDC identified in application in the iCon 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 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).
7	saveONenergy 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.	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 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)					
9	saveONenergy Direct Installed Lighting	Results are directly 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 Renovation Incentive	Results are directly 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 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).
11	saveONenergy Existing Building Commissioning Incentive		March 31, 2016		
12	saveONenergy Process & System Upgrades	Results are directly 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 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).
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 savings will begin the year of the Quarterly Report submitted by the energy manager.	
14	saveONenergy Home Assistance Program	Results are directly 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 in 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 Construction Program	Results are directly 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 directly 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 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).
6	Save on Energy Retrofit Program	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 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 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).
7	Save on Energy Small Business Lighting Program	Results are directly 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 directly 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 directly 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 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).
11	Save on Energy Monitoring and Targeting Program	Results are directly 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 directly 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 savings will begin the year of the Quarterly Report submitted by the energy manager.	
13	Busines Refrigeration Incentive Program	Results are directly 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 Evaluation, Measurement & Verification 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 Services costs are calculated based on the prevailing IESO Value Added Services Rates as per the applicable IESO Central Services Strategy and Rate Guideline.

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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

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Glossary

#	Term	Definition
1	2011-2014+2015 Extension Legacy Framework Programs	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
2	2015-2020 Conservation First Framework Programs	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
3	Allocated Target	Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
4	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
5	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
6	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
7	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
8	Pilot Program	A program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget.
9	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework.

11	Activity	The number of projects.
12	Unit	For a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).
13	Forecast	LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools.
14	Actual	The IESO determined final results of activity, savings, expenditures and cost effectiveness.
15	Progress	A comparison of Actuals versus Forecasts.
16	Full Cost Recovery Progress	For a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement.
17	Reported Savings	Savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
18	Verified Savings	Savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate.
19	Gross Savings	Savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams.
20	Net Savings	The peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc.
21	Realization Rate	A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.
22	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover.
23	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.

24	Spillover	Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.
25	Incremental Savings	The new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.
26	First Year Savings	The peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity).
27	Annual Savings	The peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
28	Demand Savings	Demand savings attributable to conservation and demand management activities.
29	Energy Savings	Energy savings attributable to conservation and demand management activities.
30	Administrative Expenses	Costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services.
31	Participant Incentives	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
32	Total Expenditure	The sum of Administrative Expenses and Participant Incentives
33	Total Resource Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs.
34	Program Administrator Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant.
35	Levelized Unit Energy Cost Cost Effectiveness Test	A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced.



EXHIBIT 4

MODELS

EXHIBIT 4: MODELS

TAB 1 (of 3)

2017 IRM RATE GENERATOR MODEL



Incentive Regulation Model for 2017 Filers

Version 1.2

Utility Name	Hydro One Brampton Networks Inc.
Assigned EB Number	EB-2016-0080
Name of Contact and Title	Dan Gagic, Regulatory Affairs Manager
Phone Number	905-452-5517
Email Address	dgagic@hydroonebrampton.com
We are applying for rates effective	January-01-17
Rate-Setting Method	Price Cap IR
Please indicate in which Rate Year the Group 1 accounts were last cleared ¹	2015
Please indicate the last Cost of Service Re-Basing Year	2015

Notes

- ☐ Pale green cells represent input cells.
- ☐ Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- ☐ Pale grey cell represent auto-populated RRR data
- ☐ White cells contain fixed values, automatically generated values or formulae.

Note:

1. Rate year of application

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

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



Incentive Regulation Model for 2017 File

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0078

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account where the electricity is supplied exclusively to single-family dwelling units for domestic or household purposes, including seasonal occupancy. This includes, but is not limited to, detached houses, one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex 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	\$	14.32
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0118
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

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



Incentive Regulation Model for 2017 File

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.

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

\$ (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



Incentive Regulation Model for 2017 File

Class E comprises account-holders with a household income and household size described 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.

OESP Credit \$ (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.

OESP Credit \$ (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.

OESP Credit \$ (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)



Incentive Regulation Model for 2017 File

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall normally be classified as general service. Where service is provided to combined residential and business, or residential and agricultural, whether seasonal or all-year premises, and the wiring does not provide for separate metering, the service shall normally be classed as general service. 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	\$	24.77
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0164
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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



Incentive Regulation Model for 2017 File

GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 700 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.

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	\$	123.36
Distribution Volumetric Rate	\$/kW	2.7940
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1771
Retail Transmission Rate - Network Service Rate	\$/kW	2.6937
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9024

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



Incentive Regulation Model for 2017 File

GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 700 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.

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	\$	1,113.03
Distribution Volumetric Rate	\$/kW	3.2434
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2029
Retail Transmission Rate - Network Service Rate	\$/kW	3.0209
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449

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



Incentive Regulation Model for 2017 File

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand over 12 consecutive months used for billing purposes is equal to or greater than 5,000 kW, or is forecast to be equal to or greater 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.

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	\$	4,631.56
Distribution Volumetric Rate	\$/kW	2.4556
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2634
Retail Transmission Rate - Network Service Rate	\$/kW	3.4191
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3636

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



Incentive Regulation Model for 2017 File

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 (per connection)	\$	1.07
Distribution Volumetric Rate	\$/kWh	0.0195
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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



Incentive Regulation Model for 2017 File

STREET LIGHTING SERVICE CLASSIFICATION

All service supplied to roadway lighting equipment owned by or operated by the City of Brampton, Regional Municipality of Peel, or the Ministry of Transportation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB 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 (per connection)	\$	2.26
Distribution Volumetric Rate	\$/kW	11.3571
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1640
Retail Transmission Rate - Network Service Rate	\$/kW	2.2429
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5839

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



Incentive Regulation Model for 2017 File

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - Approved on an Interim Basis

Distribution Volumetric Rate	\$/kW	1.6516
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Incentive Regulation Model for 2017 File

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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	\$	4,094.31
Retail Transmission Rate - Network Service Rate	\$/kW	3.0209
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449

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



Incentive Regulation Model for 2017 File

DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION

This classification applies to a distributed generator that is not a microFIT or an Energy from Waste Generator 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. 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	\$	82.75
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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



Incentive Regulation Model for 2017 File

ENERGY FROM WASTE SERVICE CLASSIFICATION

This classification applies to an electricity generation facility that is not covered by a microFIT or Distributed Generation classification which produces energy from combustion of consumer waste with the capability to generate over 4,000 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.

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	\$	62.10
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Incentive Regulation Model for 2017 File

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. 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	\$	5.40
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Incentive Regulation Model for 2017 File

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month

General Service less than 50 kW Classification	\$/kWh	(0.0032)
General Service 50 to 699 kW Classification	\$/kW	(0.6840)
General Service 700 to 4,999 kW Classification	\$/kW	(0.8515)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)



Incentive Regulation Model for 2017 File

SPECIFIC SERVICE CHARGES

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 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
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Special billing service (aggregation)	\$	125.00
Special billing service (sub-metering charge per meter)	\$	25.00

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
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Disconnect/reconnection for >300 volts - during regular hours	\$	60.00
Disconnect/reconnection for >300 volts - after regular hours	\$	155.00

Other

Owner requested disconnection/reconnection - during regular hours	\$	120.00
Owner requested disconnection/reconnection - after regular hours	\$	155.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35



Incentive Regulation Model for 2017 File

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
Monthly variable charge, per customer, per retailer	\$/cust.	0.50
Distributor-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



Incentive Regulation Model for 2017 File

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0341
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2010									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2010	Transactions ² Debit/ (Credit) during 2010	OEB-Approved Disposition during 2010	Principal Adjustments ¹ during 2010	Closing Principal Balance as of Dec 31, 2010	Opening Interest Amounts as of Jan 1, 2010	Interest Jan 1 to Dec 31, 2010	OEB-Approved Disposition during 2010	Interest Adjustments ¹ during 2010	Closing Interest Amounts as of Dec 31, 2011
Group 1 Accounts											
LV Variance Account	1550	104,362	(28,603)	104,362	0	(28,603)	24,547	99	24,547	0	99
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge	1580	(12,272,808)	(3,934,482)	(12,272,808)	0	(3,934,482)	353,952	(39,415)	353,952	0	(39,415)
Variance WMS – Sub-account CBR Class A	1580					0					0
Variance WMS – Sub-account CBR Class B	1580					0					0
RSVA - Retail Transmission Network Charge	1584	(177,804)	1,462,389	(177,804)	0	1,462,389	327,763	8,175	327,763	0	8,175
RSVA - Retail Transmission Connection Charge	1586	(2,318,429)	85,754	(2,318,429)	0	85,754	207,496	(2,845)	207,496	0	(2,845)
RSVA - Power	1588	(1,108,129)	(329,879)	(1,108,129)	0	(329,879)	152,578	(2,024)	152,578	0	(2,024)
RSVA - Global Adjustment	1589	6,500,241	694,944	6,500,241	0	694,944	(30,785)	(58)	(30,785)	0	(58)
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0				0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	0	2,782,423	9,706,350	0	(6,923,927)	0	(51,627)	(865,542)	0	813,914
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	0				0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴											
Not to be disposed of unless rate rider has expired and balance has been audited	1595	0				0					0
RSVA - Global Adjustment	1589	6,500,241	694,944	6,500,241	0	694,944	(30,785)	(58)	(30,785)	0	(58)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(15,772,808)	37,603	(6,066,458)	0	(9,668,747)	1,066,336	(87,638)	200,794	0	777,904
Total Group 1 Balance		(9,272,567)	732,547	433,784	0	(8,973,803)	1,035,551	(87,696)	170,009	0	777,845
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Total including Account 1568		(9,272,567)	732,547	433,784	0	(8,973,803)	1,035,551	(87,696)	170,009	0	777,845

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

¹ Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

² For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

³ If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

⁴ Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2011									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2011	Transactions² Debit / (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments¹ during 2011	Closing Principal Balance as of Dec 31, 2011	Opening Interest Amounts as of Jan 1, 2011	Interest Jan 1 to Dec 31, 2011	OEB-Approved Disposition during 2011	Interest Adjustments¹ during 2011	Closing Interest Amounts as of Dec 31, 2011
Group 1 Accounts											
LV Variance Account	1550	(28,603)	95,769	0	0	67,167	99	12	0	0	111
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge	1580	(3,934,482)	(3,882,936)	0	0	(7,817,418)	(39,415)	(84,284)	0	0	(123,699)
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	1,462,389	1,340,439	0	0	2,802,828	8,175	33,031	0	0	41,206
RSVA - Retail Transmission Connection Charge	1586	85,754	708,667	0	0	794,421	(2,845)	5,224	0	0	2,380
RSVA - Power	1588	(329,879)	(99,234)	0	0	(429,113)	(2,024)	(4,372)	0	0	(6,396)
RSVA - Global Adjustment	1589	694,944	4,198,490	0	0	4,893,434	(58)	22,241	0	0	22,183
Disposition and Recovery/Refund of Regulatory Balances (2009)⁴	1595	0				0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)⁴	1595	(6,923,927)	4,535,221	0	0	(2,388,707)	813,914	(69,381)	0	0	744,533
Disposition and Recovery/Refund of Regulatory Balances (2011)⁴	1595	0	(890,780)	(757,933)	0	(132,848)	0	(186,598)	(198,149)	0	11,551
Disposition and Recovery/Refund of Regulatory Balances (2012)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)⁴	1595	0				0	0				0
Not to be disposed of unless rate rider has expired and balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	694,944	4,198,490	0	0	4,893,434	(58)	22,241	0	0	22,183
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(9,668,747)	1,807,144	(757,933)	0	(7,103,671)	777,904	(306,369)	(198,149)	0	669,684
Total Group 1 Balance		(8,973,803)	6,005,634	(757,933)	0	(2,210,236)	777,845	(284,128)	(198,149)	0	691,866
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		(8,973,803)	6,005,634	(757,933)	0	(2,210,236)	777,845	(284,128)	(198,149)	0	691,866

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2012									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions² Debit / (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments¹ during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments¹ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550	67,167	129,688	0	0	196,854	111	1,935			2,045
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge	1580	(7,817,418)	(4,935,145)	0	0	(12,752,563)	(123,699)	(148,595)			(272,294)
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	2,802,828	(131,628)	0	0	2,671,200	41,206	40,723			81,928
RSVA - Retail Transmission Connection Charge	1586	794,421	(15,978)	0	0	778,443	2,380	12,856			15,235
RSVA - Power	1588	(429,113)	(414,329)	0	0	(843,443)	(6,396)	(18,709)			(25,105)
RSVA - Global Adjustment	1589	4,893,434	(2,946,122)	0	0	1,947,312	22,183	26,117			48,300
Disposition and Recovery/Refund of Regulatory Balances (2009)⁴	1595	0	0			0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010)⁴	1595	(2,388,707)	2,601,536			212,829	744,533	(874,564)			(130,032)
Disposition and Recovery/Refund of Regulatory Balances (2011)⁴	1595	(132,848)	97,294	98,295		(133,849)	11,551	(4,437)			7,114
Disposition and Recovery/Refund of Regulatory Balances (2012)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)⁴	1595	0				0	0				0
Not to be disposed of unless rate rider has expired and balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	4,893,434	(2,946,122)	0	0	1,947,312	22,183	26,117	0	0	48,300
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(7,103,671)	(2,668,563)	98,295	0	(9,870,528)	669,684	(990,792)	0	0	(321,108)
Total Group 1 Balance		(2,210,236)	(5,614,685)	98,295	0	(7,923,216)	691,866	(964,675)	0	0	(272,809)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		(2,210,236)	(5,614,685)	98,295	0	(7,923,216)	691,866	(964,675)	0	0	(272,809)

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2013									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions² Debit / (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments¹ during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments¹ during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	196,854	159,067			355,921	2,045	3,890			5,935
Smart Metering Entity Charge Variance Account	1551	0	(44,087)			(44,087)	0	(379)			(379)
RSVA - Wholesale Market Service Charge	1580	(12,752,563)	(2,481,579)			(15,234,142)	(272,294)	(209,914)			(482,208)
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	2,671,200	1,048,861			3,720,061	81,928	43,640			125,569
RSVA - Retail Transmission Connection Charge	1586	778,443	(300,105)			478,338	15,235	7,917			23,153
RSVA - Power	1588	(843,443)	(1,530,584)			(2,374,027)	(25,105)	(30,855)			(55,960)
RSVA - Global Adjustment	1589	1,947,312	3,459,067			5,406,380	48,300	67,181			115,480
Disposition and Recovery/Refund of Regulatory Balances (2009)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010)⁴	1595	212,829				212,829	(130,032)	3,128			(126,904)
Disposition and Recovery/Refund of Regulatory Balances (2011)⁴	1595	(133,849)	(23)			(133,871)	7,114	(1,967)			5,147
Disposition and Recovery/Refund of Regulatory Balances (2012)⁴	1595	0	(86,304)			(86,304)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)⁴	1595	0				0	0				0
Not to be disposed of unless rate rider has expired and balance has been audited	1595	0				0	0				0
RSVA - Global Adjustment	1589	1,947,312	3,459,067	0	0	5,406,380	48,300	67,181	0	0	115,480
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(9,870,528)	(3,234,753)	0	0	(13,105,282)	(321,108)	(184,540)	0	0	(505,648)
Total Group 1 Balance		(7,923,216)	224,314	0	0	(7,698,902)	(272,809)	(117,359)	0	0	(390,168)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		(7,923,216)	224,314	0	0	(7,698,902)	(272,809)	(117,359)	0	0	(390,168)

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

☐ Check to Dispose of Account

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2014									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions² Debit / (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments¹ during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31. 2014	OEB-Approved Disposition during 2014	Interest Adjustments¹ during 2014	Closing Interest Amounts as of Dec 31, 2014
Group 1 Accounts											
LV Variance Account	1550	355,921	153,881	196,854		312,948	5,935	3,206	4,939		4,202
Smart Metering Entity Charge Variance Account	1551	(44,087)	(64,163)			(108,250)	(379)	(1,009)			(1,388)
RSVA - Wholesale Market Service Charge	1580	(15,234,142)	(871,126)	(12,752,563)		(3,352,705)	(482,208)	(9,921)	(459,757)		(32,373)
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	3,720,061	716,820	2,671,200		1,765,681	125,569	21,274	121,195		25,647
RSVA - Retail Transmission Connection Charge	1586	478,338	477,699	778,443		177,594	23,153	(232)	26,678		(3,758)
RSVA - Power	1588	(2,374,027)	(4,590,840)	(843,443)		(6,121,423)	(55,960)	(22,745)	(37,504)		(41,201)
RSVA - Global Adjustment	1589	5,406,380	7,681,842	1,947,312		11,140,909	115,480	56,522	76,925		95,077
Disposition and Recovery/Refund of Regulatory Balances (2009)⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010)⁴	1595	212,829		212,829		0	(126,904)		(126,904)		0
Disposition and Recovery/Refund of Regulatory Balances (2011)⁴	1595	(133,871)		(133,849)		(23)	5,147	(7)	5,147		(7)
Disposition and Recovery/Refund of Regulatory Balances (2012)⁴	1595	(86,304)				(86,304)	0	(1,216)			(1,216)
Disposition and Recovery/Refund of Regulatory Balances (2013)⁴	1595	0	4,134,201	7,923,216		(3,789,015)	0	(88,961)	389,281		(478,242)
Disposition and Recovery/Refund of Regulatory Balances (2014)⁴	1595	0	(86,833)			(86,833)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015)⁴											
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	5,406,380	7,681,842	1,947,312	0	11,140,909	115,480	56,522	76,925	0	95,077
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(13,105,282)	(130,361)	(1,947,312)	0	(11,288,330)	(505,648)	(99,611)	(76,925)	0	(528,334)
Total Group 1 Balance		(7,698,902)	7,551,481	0	0	(147,421)	(390,168)	(43,089)	0	0	(433,257)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	142,021			142,021	0	(175)			(175)
Total including Account 1568		(7,698,902)	7,693,502	0	0	(5,400)	(390,168)	(43,264)	0	0	(433,431)

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2015									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions² Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments¹ during 2015	Closing Principal Balance as of Dec 31, 15	Opening Interest Amounts as of Jan 1, 15	Interest Jan 1 to Dec 31, 15	OEB-Approved Disposition during 2015	Interest Adjustments¹ during 2015	Closing Interest Amounts as of Dec 31, 15
Group 1 Accounts											
LV Variance Account	1550	312,948	248,567	159,067		402,447	4,202	3,001	3,334		3,869
Smart Metering Entity Charge Variance Account	1551	(108,250)	(54,699)	(44,087)		(118,862)	(1,388)	(937)	(1,033)		(1,292)
RSVA - Wholesale Market Service Charge	1580	(3,352,705)	(8,458,614)	(2,481,579)		(9,329,740)	(32,373)	(35,534)	(58,930)		(8,977)
Variance WMS – Sub-account CBR Class A	1580	0	76,774			76,774	0	63			63
Variance WMS – Sub-account CBR Class B	1580	0	887,201			887,201	0	735			735
RSVA - Retail Transmission Network Charge	1584	1,765,681	(1,213,537)	1,048,861		(496,717)	25,647	2,377	19,791		8,233
RSVA - Retail Transmission Connection Charge	1586	177,594	(60,225)	(300,105)		417,474	(3,758)	5,120	(7,937)		9,299
RSVA - Power	1588	(6,121,423)	(723,029)	(1,530,584)		(5,313,869)	(41,201)	(60,980)	(40,955)		(61,225)
RSVA - Global Adjustment	1589	11,140,909	1,769,071	3,459,067		9,450,912	95,077	73,364	89,404		79,038
Disposition and Recovery/Refund of Regulatory Balances (2009)⁴	1595	0		0		0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010)⁴	1595	0		0		0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011)⁴	1595	(23)	(15)			(38)	(7)	7			0
Disposition and Recovery/Refund of Regulatory Balances (2012)⁴	1595	(86,304)	86,304			0	(1,216)	1,216			0
Disposition and Recovery/Refund of Regulatory Balances (2013)⁴	1595	(3,789,015)	3,789,015			(0)	(478,242)	478,242			0
Disposition and Recovery/Refund of Regulatory Balances (2014)⁴	1595	(86,833)	6,866			(79,966)	0	(113,674)			(113,674)
Disposition and Recovery/Refund of Regulatory Balances (2015)⁴											
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0	(397,083)			(397,083)	0	13,800			13,800
RSVA - Global Adjustment	1589	11,140,909	1,769,071	3,459,067	0	9,450,912	95,077	73,364	89,404	0	79,038
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(11,288,330)	(5,812,477)	(3,148,427)	0	(13,952,380)	(528,334)	293,435	(85,730)	0	(149,169)
Total Group 1 Balance		(147,421)	(4,043,406)	310,641	0	(4,501,468)	(433,257)	366,799	3,674	0	(70,131)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	142,021	376,487	0	360,541	879,049	(175)	2,708		11,070	13,603
Total including Account 1568		(5,400)	(3,666,919)	310,641	360,541	(3,622,419)	(433,431)	369,507	3,674	11,070	(56,528)

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

If you have a Class A customer, 1580 sub-account CBR Class B will be disposed through a rate rider calculated outside the model (if significant).

If you have only Class B customers, the balance applicable to Class B will be allocated and disposed with account 1580.

Please click if you have one or more Class A customers.

		2016				Projected Interest on Dec-31-15 Balances				2.1.7 RRR	
Account Descriptions	Account Number	Principal Disposition during 2016 - instructed by OEB	Interest Disposition during 2016 - instructed by OEB	Closing Principal Balances as of Dec 31, 2016 Adjusted for Dispositions during 2016	Closing Interest Balances as of Dec 31, 15 Adjusted for Disposition in 2016	Projected Interest from Jan 1, 2016 to December 31, 2016 on Dec 31 -15 balance adjusted for disposition during 2016 ³	Projected Interest from January 1, 2017 to April 30, 2017 on Dec 31 -15 balance adjusted for disposition during 2016 ³	Total Interest	Total Claim	As of Dec 31-15	Variance RRR vs. 2015 Balance (Principal + Interest)
Group 1 Accounts											
LV Variance Account	1550			402,447	3,869	4,427		8,296	410,743.50	406,317	0
Smart Metering Entity Charge Variance Account	1551			(118,862)	(1,292)	(1,307)		(2,600)	(121,461.95)	(120,154)	0
RSVA - Wholesale Market Service Charge	1580			(9,329,740)	(8,977)	(102,627)		(111,604)	(9,441,343.66)	(8,373,944)	964,773
Variance WMS – Sub-account CBR Class A	1580			76,774	63	845		908	<input type="checkbox"/> Check to Dispose of Account (Disabled)	0.00	76,837
Variance WMS – Sub-account CBR Class B	1580			887,201	735	9,759		10,494	<input type="checkbox"/> Check to Dispose of Account	0.00	887,936
RSVA - Retail Transmission Network Charge	1584			(496,717)	8,233	(5,464)		2,769	(493,948.65)	(488,485)	(0)
RSVA - Retail Transmission Connection Charge	1586			417,474	9,299	4,592		13,891	431,365.17	426,773	0
RSVA - Power	1588			(5,313,869)	(61,225)	(58,453)		(119,678)	(5,433,546.73)	(5,375,094)	0
RSVA - Global Adjustment	1589			9,450,912	79,038	103,960		182,998	9,633,910.30	9,529,950	(0)
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595			0	0	0		<input type="checkbox"/> Check to Dispose of Account	0.00	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595			0	0	0		<input type="checkbox"/> Check to Dispose of Account	0.00	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595			(38)	0	(0)		<input type="checkbox"/> Check to Dispose of Account	0.00	(37)	0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595			0	0	0		<input type="checkbox"/> Check to Dispose of Account	0.00	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595			(0)	0	(0)		<input type="checkbox"/> Check to Dispose of Account	0.00	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595			(79,966)	(113,674)	(880)		(114,554)	<input type="checkbox"/> Check to Dispose of Account	0.00	(193,641)
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴											
Not to be disposed of unless rate rider has expired and balance has been audited	1595			(397,083)	13,800	(4,368)		9,432	<input type="checkbox"/> Check to Dispose of Account	0.00	(383,283)
RSVA - Global Adjustment	1589	0	0	9,450,912	79,038	103,960	0	182,998	9,633,910.30	9,529,950	(0)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	(13,952,380)	(149,169)	(153,476)	0	(302,645)	(14,648,192.32)	(14,101,548)	1
Total Group 1 Balance		0	0	(4,501,468)	(70,131)	(49,516)	0	(119,647)	(5,014,282.02)	(4,571,598)	1
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			879,049	13,603	9,670		23,272	902,321.33	521,041	(371,611)
Total including Account 1568		0	0	(3,622,419)	(56,528)	(39,847)	0	(96,375)	(4,111,960.69)	(4,050,557)	(371,610)

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

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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

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)	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,236,002,484	0	104,753,907	0			1,236,002,484	0	\$165,237	143,095
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	335,907,831	0	71,315,657	0			335,907,831	0	\$475,305	9,374
GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	kW	1,089,998,053	3,019,611	922,279,547	2,554,982			1,089,998,053	3,019,611	\$227,301	
GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	kW	871,152,715	2,067,302	871,152,715	2,067,302	62,292,608	108,277	808,860,107	1,959,025	\$4,380	
LARGE USE SERVICE CLASSIFICATION	kW	366,241,230	677,995	366,241,230	677,995			366,241,230	677,995	\$27,617	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,230,920	0	5,197,394	0			5,230,920	0	-\$1,442	
STREET LIGHTING SERVICE CLASSIFICATION	kW	33,380,715	101,054	33,380,715	101,054			33,380,715	101,054	\$3,924	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0			0	0		
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	9,368,608	0	9,368,608	0			9,368,608	0		
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	kWh	114,831	0	114,831	0			114,831	0		
ENERGY FROM WASTE SERVICE CLASSIFICATION	kW	0	0	0	0			0	0		
Total		3,947,397,388	5,865,962	2,383,804,603	5,401,333	62,292,608	108,277	3,885,104,780	5,757,685	\$902,321	152,469

Threshold Test

Total Claim (including Account 1568)	(\$4,111,961)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$5,014,282)
Threshold Test (Total claim per kWh) ²	(\$0.0013)

1568 Account Balance from Continuity Schedule	\$902,321
Total Balance of Account 1568 in Column R matches 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.

Incentive Regulation Model for 2017 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Total non-RPP kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP				allocated based on Total less WMP		
					1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	31.3%	4.4%	93.9%	31.8%	128,611	(113,994)	(3,003,658)	(154,664)	135,068	(1,728,622)	165,237
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	8.5%	3.0%	6.1%	8.6%	34,953	(7,468)	(816,303)	(42,033)	36,707	(469,787)	475,305
GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	27.6%	38.7%	0.0%	28.1%	113,419	0	(2,648,847)	(136,394)	119,113	(1,524,426)	227,301
GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	22.1%	36.5%	0.0%	20.8%	90,647	0	(1,965,642)	(109,010)	95,198	(1,131,238)	4,380
LARGE USE SERVICE CLASSIFICATION	9.3%	15.4%	0.0%	9.4%	38,109	0	(890,017)	(45,829)	40,022	(512,210)	27,617
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.2%	0.0%	0.1%	544	0	(12,712)	(655)	572	(7,316)	(1,442)
STREET LIGHTING SERVICE CLASSIFICATION	0.8%	1.4%	0.0%	0.9%	3,473	0	(81,120)	(4,177)	3,648	(46,685)	3,924
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	0.2%	0.4%	0.0%	0.2%	975	0	(22,767)	(1,172)	1,024	(13,103)	0
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0.0%	12	0	(279)	(14)	13	(161)	0
ENERGY FROM WASTE SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
Total	100.0%	100.0%	100.0%	100.0%	410,744	(121,462)	(9,441,344)	(493,949)	431,365	(5,433,547)	902,321

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

Incentive Regulation Model for 2017 Filers

Below is a GA calculation based on non-RPP consumption data minus Class A consumption. If a Class B customer switched into Class A during the 2015 rate year click this checkbox: ☐

Identify the total billed consumption for former Class B customers prior to becoming Class A customers (i.e. Jan. 1 to June 30, 2015) in columns G.

The purpose of this tab is to calculate the GA rate riders for all current Class B customers of the distributor.
Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

		Total Metered Non-RPP consumption minus WMP	Total Metered Class A Consumption in 2015 (partial and/or full year Class A customers)*	Total Metered Consumption for New Class A customer(s) in the period prior to becoming Class A (i.e. Jan. 1 - June 30, 2015)	Metered Consumption for Current Class B Customers (Non-RPP consumption LESS WMP, Class A and new Class A's former Class B consumption if applicable)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
		kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	104,753,907	329,360,730	66,767,324	104,753,907	5.6%	\$516,203	\$0.0049	kWh
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	71,315,657			71,315,657	3.8%	\$351,427	\$0.0049	kWh
GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	kWh	922,279,547			922,279,547	49.7%	\$4,544,783	\$0.0049	kWh
GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	kWh	808,860,107			671,520,214	36.2%	\$3,309,098	\$0.0049	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	366,241,230			36,880,500	2.0%	\$181,739	\$0.0049	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,197,394			5,197,394	0.3%	\$25,612	\$0.0049	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	33,380,715			33,380,715	1.8%	\$164,493	\$0.0049	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0			0	0.0%	\$0	\$0.0000	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	9,368,608			9,368,608	0.5%	\$46,166	\$0.0049	kWh
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	kWh	114,831			114,831	0.0%	\$566	\$0.0049	kWh
ENERGY FROM WASTE SERVICE CLASSIFICATION	kWh	0			0	0.0%	\$0	\$0.0000	
Total		2,321,511,995	399,933,299	66,767,324	1,854,811,372	100.0%	\$9,140,086		

*For new Class A customers (who became Class A in 2015), add their consumption only related to July to December period.



Incentive Regulation Model for 2017 Filers

This tab allocates the GA balance to former Class B customers who contributed to the current GA balance but are now Class A customers. The tables below calculate specific amounts for each customer who made the change. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed

2013

(e.g. If in the 2015 EDR process, you received approval to dispose the GA variance account balance as of December 31, 2013, please enter 2013 in cell B16.)

Allocation of total Non-RPP consumption (kWh) between Class B and New Class A (Former Class B) customers

		Total	2015	2014
Total Class B Consumption for Years Since Last Disposition (Non-RPP consumption LESS WMP and Class A)	A	3,912,282,956	1,921,578,697	1,990,704,259
New Class A Customer(s)' Former Class B Consumption	B	200,539,404	66,767,324	133,772,080
Portion of Consumption of Former Class B Customers	C=B/A	5.13%		

Allocation of Total GA Balance \$

Total GA Balance	D	\$ 9,633,910
New Class A Customer(s)' Former Class B Portion of GA Balance	E=C*D	\$ 493,824
GA Balance to be disposed to Current Class B Customers	F=D-E	\$ 9,140,086

Allocation of GA Balances to Former Class B Customers

# of Former Class B customer(s)							
Customer		Total Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2015	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2014	% of kWh	Customer specific GA allocation for the period prior to becoming Class A	Monthly Equal Payments
1		32,669,221	11,870,612	20,798,608	16%	\$ 80,447.23	\$ 6,703.94
2		32,973,231	11,129,800	21,843,431	16%	\$ 81,195.85	\$ 6,766.32
3		33,045,783	10,391,510	22,654,274	16%	\$ 81,374.51	\$ 6,781.21
4		25,466,114	8,910,638	16,555,476	13%	\$ 62,709.74	\$ 5,225.81
5		31,348,896	10,365,725	20,983,171	16%	\$ 77,195.96	\$ 6,433.00
6		22,667,905	7,074,631	15,593,274	11%	\$ 55,819.21	\$ 4,651.60
7		22,368,254	7,024,408	15,343,846	11%	\$ 55,081.33	\$ 4,590.11
		200,539,404	66,767,324	133,772,080	100%	\$ 493,823.85	



Incentive Regulation Model for 2017 Filers

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

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

Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconcil:
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,236,002,484	0	1,236,002,484	0	(4,737,258)		(0.0038)	0.0000	0.0001	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	335,907,831	0	335,907,831	0	(1,263,930)		(0.0038)	0.0000	0.0014	
GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	kW	1,089,998,053	3,019,611	1,089,998,053	3,019,611	(4,077,135)		(1.3502)	0.0000	0.0753	
GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	kW	871,152,715	2,067,302	808,860,107	1,959,025	76,836	(3,096,881)	0.0372	(1.5808)	0.0021	
LARGE USE SERVICE CLASSIFICATION	kW	366,241,230	677,995	366,241,230	677,995	(1,369,924)		(2.0206)	0.0000	0.0407	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,230,920	0	5,230,920	0	(19,566)		(0.0037)	0.0000	(0.0003)	
STREET LIGHTING SERVICE CLASSIFICATION	kW	33,380,715	101,054	33,380,715	101,054	(124,860)		(1.2356)	0.0000	0.0388	
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000	0.0000	0.0000	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	9,368,608	0	9,368,608	0	(35,043)		(0.0037)	0.0000	0.0000	
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	kWh	114,831	0	114,831	0	(430)		(0.0037)	0.0000	0.0000	
ENERGY FROM WASTE SERVICE CLASSIFICATION	kW	0	0	0	0	0		0.0000	0.0000	0.0000	
											(14,648,192.32)

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

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



Incentive Regulation Model for 2017 Filers

Summary - Sharing of Tax Change Forecast Amounts

For the 2015 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

87,800

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2015	2017
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	\$ 404,618,522	\$ 404,618,522
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 404,618,522	\$ 404,618,522
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income	\$ 5,574,757	\$ 5,574,757
Corporate Tax Rate	26.50%	26.500%
Tax Impact	\$ 1,389,511	\$ 1,389,511
Grossed-up Tax Amount	\$ 1,890,491	\$ 1,890,491
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 1,890,491	\$ 1,890,491
Total Tax Related Amounts	\$ 1,890,491	\$ 1,890,491
Incremental Tax Savings		\$ -
Sharing of Tax Amount (50%)		\$ -

Incentive Regulation Model for 2017 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H. As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-baed Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
		A	B	C	D	E	F	G = A * D *12	H = B * E	I = C * F	J = G + H + I	K = G / J	L = H / J	M = I / J	N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh	140,979	1,308,264,983		11.07	0.0155		18,727,675	20,278,107	0	39,005,782	48.0%	52.0%	0.0%	56.1%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	8,989	354,668,870		24.39	0.0161		2,631,035	5,710,169	0	8,341,204	31.5%	68.5%	0.0%	12.0%
GENERAL SERVICE 50 TO 699 kW SERVICE CLASSIFICATION	kW	1,491	1,064,497,599	2,979,826	121.18		2,7446	2,167,752	0	8,178,430	10,346,182	21.0%	0.0%	79.0%	14.9%
GENERAL SERVICE 700 TO 4,999 kW SERVICE CLASSIFICATION	kW	115	806,154,180	1,969,146	1093.35		3.1861	1,503,790	0	6,273,897	7,777,688	19.3%	0.0%	80.7%	11.2%
LARGE USE SERVICE CLASSIFICATION	kW	6	382,619,513	719,987	4549.67		2.4122	327,576	0	1,736,753	2,064,329	15.9%	0.0%	84.1%	3.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,562	5,931,733		1.05	0.0192		19,678	113,889	0	133,567	14.7%	85.3%	0.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	22,335	33,306,955	100,672	2.22		11.1563	594,993	0	1,123,126	1,718,119	34.6%	0.0%	65.4%	2.5%
STANDBY POWER SERVICE CLASSIFICATION	kW	1		54,580			1.6224	0	0	88,551	88,551	0.0%	0.0%	100.0%	0.1%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	1	17,012,414	40,073	4021.92			48,263	0	0	48,263	100.0%	0.0%	0.0%	0.1%
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	kWh	68	178,816	0	55.59			45,083	0	0	45,083	100.0%	0.0%	0.0%	0.1%
ENERGY FROM WASTE SERVICE CLASSIFICATION	kW	1	0	0	61.00			732	0	0	732	100.0%	0.0%	0.0%	0.0%
Total		175,547	3,972,635,063	5,864,284				26,066,577	26,102,165	17,400,756	69,569,499				100.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,236,002,484		0	0.00	\$/customer
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	335,907,831		0	0.0000	kWh
GENERAL SERVICE 50 TO 699 kW SERVICE CLASSIFICATION	kW	1,089,998,053	3,019,611	0	0.0000	kW
GENERAL SERVICE 700 TO 4,999 kW SERVICE CLASSIFICATION	kW	871,152,715	2,067,302	0	0.0000	kW
LARGE USE SERVICE CLASSIFICATION	kW	366,241,230	677,995	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	5,230,920		0	0.0000	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kW	33,380,715	101,054	0	0.0000	kW
STANDBY POWER SERVICE CLASSIFICATION	kW			0	0.0000	kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	9,368,608		0	0.0000	kWh
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	kWh	114,831		0	0.0000	kWh
ENERGY FROM WASTE SERVICE CLASSIFICATION	kW			0	0.0000	kW
Total		3,947,397,388	5,865,962	\$0		

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date (see Filing Requirements, Appendix B)



Incentive Regulation Model for 2017 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	1,236,002,484	0	1.0341	1,278,150,169
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	1,236,002,484	0	1.0341	1,278,150,169
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	335,907,831	0	1.0341	347,362,288
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	335,907,831	0	1.0341	347,362,288
General Service 50 To 699 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6937	1,089,998,053	3,019,611		
General Service 50 To 699 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9024	1,089,998,053	3,019,611		
General Service 700 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0209	871,152,715	2,067,302		
General Service 700 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449	871,152,715	2,067,302		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4191	366,241,230	677,995		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3636	366,241,230	677,995		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	5,230,920	0	1.0341	5,409,294
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	5,230,920	0	1.0341	5,409,294
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2429	33,380,715	101,054		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5839	33,380,715	101,054		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0209	9,368,608	0		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449	9,368,608	0		
Distributed Generation [dgen] Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	114,831	0	1.0341	118,747
Distributed Generation [dgen] Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	114,831	0	1.0341	118,747



Incentive Regulation Model for 2017 Filers

Uniform Transmission Rates		Unit		2015		2016		2017	
Rate Description				Rate		Rate		Rate	
Network Service Rate	kW	\$		3.78	\$		3.66	\$	3.66
Line Connection Service Rate	kW	\$		0.86	\$		0.87	\$	0.87
Transformation Connection Service Rate	kW	\$		2.00	\$		2.02	\$	2.02

Hydro One Sub-Transmission Rates		Unit		2015 - 2016		2016		2017	
				Jan - Apr 2015	May - Jan 2016	Feb - Dec 2016			
Rate Description				Rate		Rate		Rate	
Network Service Rate	kW	\$	3.23	\$	3.4121	\$	3.3396	\$	3.3396
Line Connection Service Rate	kW	\$	0.65	\$	0.7879	\$	0.7791	\$	0.7791
Transformation Connection Service Rate	kW	\$	1.62	\$	1.8018	\$	1.7713	\$	1.7713
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$	2.5897	\$	2.5504	\$	2.5504

If needed, add extra host here. (I)		Unit		2015		2016		2017	
Rate Description				Rate		Rate		Rate	
Network Service Rate	kW								
Line Connection Service Rate	kW								
Transformation Connection Service Rate	kW								
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	-	

If needed, add extra host here. (II)		Unit		2015		2016		2017	
Rate Description				Rate		Rate		Rate	
Network Service Rate	kW								
Line Connection Service Rate	kW								
Transformation Connection Service Rate	kW								
Both Line and Transformation Connection Service Rate	kW	\$		-	\$	-	\$	-	

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Unit		Historical 2015		Current 2016		Forecast 2017	
		\$							

Incentive Regulation Model for 2017 Filers

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

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

IESO		Network			Line Connection			Transformation Connection			Total Line
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		610,221	\$3.78	\$ 2,306,635	625,169	\$0.86	\$ 537,645	543,826	\$2.00	\$ 1,087,652	\$ 1,625,297
February		598,056	\$3.78	\$ 2,260,652	631,097	\$0.86	\$ 542,743	546,358	\$2.00	\$ 1,092,716	\$ 1,635,459
March		565,771	\$3.78	\$ 2,138,614	601,236	\$0.86	\$ 517,063	526,165	\$2.00	\$ 1,052,330	\$ 1,569,393
April		538,467	\$3.78	\$ 2,035,405	556,657	\$0.86	\$ 478,725	484,634	\$2.00	\$ 969,268	\$ 1,447,993
May		636,064	\$3.78	\$ 2,404,322	659,317	\$0.86	\$ 567,013	571,234	\$2.00	\$ 1,142,468	\$ 1,709,481
June		610,773	\$3.78	\$ 2,308,722	644,199	\$0.86	\$ 554,011	559,624	\$2.00	\$ 1,119,248	\$ 1,673,259
July		772,202	\$3.78	\$ 2,918,924	787,337	\$0.86	\$ 677,110	678,727	\$2.00	\$ 1,357,454	\$ 2,034,564
August		767,595	\$3.78	\$ 2,901,509	780,797	\$0.86	\$ 671,485	673,072	\$2.00	\$ 1,346,144	\$ 2,017,629
September		720,033	\$3.78	\$ 2,721,725	791,862	\$0.86	\$ 681,001	683,992	\$2.00	\$ 1,367,984	\$ 2,048,985
October		523,141	\$3.78	\$ 1,977,473	557,126	\$0.86	\$ 479,128	484,975	\$2.00	\$ 969,950	\$ 1,449,078
November		543,524	\$3.78	\$ 2,054,522	569,788	\$0.86	\$ 490,018	494,892	\$2.00	\$ 989,784	\$ 1,479,802
December		548,030	\$3.78	\$ 2,071,553	566,695	\$0.86	\$ 487,358	488,608	\$2.00	\$ 977,216	\$ 1,464,574
Total		7,433,877	\$ 3.78	\$ 28,100,057	7,771,280	\$ 0.86	\$ 6,683,301	6,736,107	\$ 2.00	\$ 13,472,214	\$ 20,155,515

Hydro One		Network			Line Connection			Transformation Connection			Total Line
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		17,276	\$3.23	\$ 55,802	17,335	\$0.65	\$ 11,268	17,335	\$1.62	\$ 28,082	\$ 39,350
February		17,543	\$3.23	\$ 56,663	17,870	\$0.65	\$ 11,616	17,870	\$1.62	\$ 28,950	\$ 40,566
March		29,450	\$3.23	\$ 95,123	29,450	\$0.65	\$ 19,142	29,450	\$1.62	\$ 47,709	\$ 66,851
April		10,712	\$3.23	\$ 34,599	10,712	\$0.65	\$ 6,963	10,712	\$1.62	\$ 17,353	\$ 24,316
May		21,158	\$3.41	\$ 72,193	21,158	\$0.79	\$ 16,670	21,158	\$1.80	\$ 38,123	\$ 54,793
June		20,646	\$3.41	\$ 70,448	20,646	\$0.79	\$ 16,267	20,646	\$1.80	\$ 37,201	\$ 53,468
July		15,641	\$3.41	\$ 53,370	15,641	\$0.79	\$ 12,324	15,641	\$1.80	\$ 28,183	\$ 40,507
August		14,845	\$3.41	\$ 50,654	14,845	\$0.79	\$ 11,697	14,845	\$1.80	\$ 26,748	\$ 38,445
September		14,458	\$3.41	\$ 49,332	14,458	\$0.79	\$ 11,391	14,458	\$1.80	\$ 26,051	\$ 37,442
October		14,937	\$3.41	\$ 50,965	15,278	\$0.79	\$ 12,038	15,278	\$1.80	\$ 27,528	\$ 39,566
November		11,247	\$3.41	\$ 38,375	11,247	\$0.79	\$ 8,861	11,247	\$1.80	\$ 20,265	\$ 29,126
December		12,317	\$3.41	\$ 42,026	12,317	\$0.79	\$ 9,704	12,317	\$1.80	\$ 22,193	\$ 31,897
Total		200,230	\$ 3.34	\$ 669,552	200,958	\$ 0.74	\$ 147,942	200,958	\$ 1.73	\$ 348,384	\$ 496,326

Add Extra Host Here (I) (if needed)		Network			Line Connection			Transformation Connection			Total Line
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January			\$ -			\$ -			\$ -		\$ -
February			\$ -			\$ -			\$ -		\$ -
March			\$ -			\$ -			\$ -		\$ -
April			\$ -			\$ -			\$ -		\$ -
May			\$ -			\$ -			\$ -		\$ -
June			\$ -			\$ -			\$ -		\$ -
July			\$ -			\$ -			\$ -		\$ -
August			\$ -			\$ -			\$ -		\$ -
September			\$ -			\$ -			\$ -		\$ -
October			\$ -			\$ -			\$ -		\$ -
November			\$ -			\$ -			\$ -		\$ -
December			\$ -			\$ -			\$ -		\$ -
Total		-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II) (if needed)		Network			Line Connection			Transformation Connection			Total Line
Month		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January			\$ -			\$ -			\$ -		\$ -
February			\$ -			\$ -			\$ -		\$ -
March			\$ -			\$ -			\$ -		\$ -
April			\$ -			\$ -			\$ -		\$ -
May			\$ -			\$ -			\$ -		\$ -
June			\$ -			\$ -			\$ -		\$ -
July			\$ -			\$ -			\$ -		\$ -
August			\$ -			\$ -			\$ -		\$ -
September			\$ -			\$ -			\$ -		\$ -
October			\$ -			\$ -			\$ -		\$ -
November			\$ -			\$ -			\$ -		\$ -
December			\$ -			\$ -			\$ -		\$ -
Total		-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Incentive Regulation Model for 2017 Filers

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

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

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	627,497	\$ 3.7649	\$ 2,362,437	642,504	\$ 0.8543	\$ 548,913	561,161	\$ 1.9883	\$ 1,115,734	\$ 1,664,647
February	615,599	\$ 3.7643	\$ 2,317,315	648,967	\$ 0.8542	\$ 554,359	564,228	\$ 1.9880	\$ 1,121,666	\$ 1,676,025
March	595,221	\$ 3.7528	\$ 2,233,738	630,686	\$ 0.8502	\$ 536,205	555,615	\$ 1.9799	\$ 1,100,039	\$ 1,636,244
April	549,179	\$ 3.7693	\$ 2,070,005	567,369	\$ 0.8560	\$ 485,688	495,346	\$ 1.9918	\$ 986,621	\$ 1,472,309
May	657,222	\$ 3.7682	\$ 2,476,515	680,475	\$ 0.8578	\$ 583,683	592,392	\$ 1.9929	\$ 1,180,591	\$ 1,764,274
June	631,419	\$ 3.7680	\$ 2,379,170	664,845	\$ 0.8578	\$ 570,278	580,270	\$ 1.9929	\$ 1,156,449	\$ 1,726,727
July	787,843	\$ 3.7727	\$ 2,972,294	802,978	\$ 0.8586	\$ 689,434	694,368	\$ 1.9955	\$ 1,385,637	\$ 2,075,071
August	782,440	\$ 3.7730	\$ 2,952,163	795,642	\$ 0.8587	\$ 683,182	687,917	\$ 1.9957	\$ 1,372,892	\$ 2,056,074
September	734,491	\$ 3.7728	\$ 2,771,057	806,320	\$ 0.8587	\$ 692,393	698,450	\$ 1.9959	\$ 1,394,035	\$ 2,086,427
October	538,078	\$ 3.7698	\$ 2,028,438	572,404	\$ 0.8581	\$ 491,166	500,253	\$ 1.9939	\$ 997,478	\$ 1,488,644
November	554,771	\$ 3.7725	\$ 2,092,898	581,035	\$ 0.8586	\$ 498,879	506,139	\$ 1.9956	\$ 1,010,049	\$ 1,508,928
December	560,347	\$ 3.7719	\$ 2,113,580	579,012	\$ 0.8585	\$ 497,062	500,925	\$ 1.9951	\$ 999,409	\$ 1,496,471
Total	7,634,108	\$ 3.77	\$ 28,769,609	7,972,238	\$ 0.86	\$ 6,831,243	6,937,065	\$ 1.99	\$ 13,820,598	\$ 20,651,841
Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										\$ 20,651,841



Incentive Regulation Model for 2017 Filers

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	610,221	\$ 3.6600	\$ 2,233,409	625,169	\$ 0.8700	\$ 543,897	543,826	\$ 2.0200	\$ 1,098,529	\$ 1,642,426
February	598,056	\$ 3.6600	\$ 2,188,885	631,097	\$ 0.8700	\$ 549,054	546,358	\$ 2.0200	\$ 1,103,643	\$ 1,652,698
March	565,771	\$ 3.6600	\$ 2,070,722	601,236	\$ 0.8700	\$ 523,075	526,165	\$ 2.0200	\$ 1,062,853	\$ 1,585,929
April	538,467	\$ 3.6600	\$ 1,970,789	556,657	\$ 0.8700	\$ 484,292	484,634	\$ 2.0200	\$ 978,961	\$ 1,463,252
May	636,064	\$ 3.6600	\$ 2,327,994	659,317	\$ 0.8700	\$ 573,606	571,234	\$ 2.0200	\$ 1,153,893	\$ 1,727,498
June	610,773	\$ 3.6600	\$ 2,235,429	644,199	\$ 0.8700	\$ 560,453	559,624	\$ 2.0200	\$ 1,130,440	\$ 1,690,894
July	772,202	\$ 3.6600	\$ 2,826,259	787,337	\$ 0.8700	\$ 684,983	678,727	\$ 2.0200	\$ 1,371,029	\$ 2,056,012
August	767,595	\$ 3.6600	\$ 2,809,398	780,797	\$ 0.8700	\$ 679,293	673,072	\$ 2.0200	\$ 1,359,605	\$ 2,038,899
September	720,033	\$ 3.6600	\$ 2,635,321	791,862	\$ 0.8700	\$ 688,920	683,992	\$ 2.0200	\$ 1,381,664	\$ 2,070,584
October	523,141	\$ 3.6600	\$ 1,914,696	557,126	\$ 0.8700	\$ 484,700	484,975	\$ 2.0200	\$ 979,650	\$ 1,464,349
November	543,524	\$ 3.6600	\$ 1,989,299	569,788	\$ 0.8700	\$ 495,716	494,892	\$ 2.0200	\$ 999,682	\$ 1,495,397
December	548,030	\$ 3.6600	\$ 2,005,790	566,695	\$ 0.8700	\$ 493,025	488,608	\$ 2.0200	\$ 986,988	\$ 1,480,013
Total	7,433,877	\$ 3.66	\$ 27,207,991	7,771,280	\$ 0.87	\$ 6,761,014	6,736,107	\$ 2.02	\$ 13,606,936	\$ 20,367,950

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	17,276	\$ 3.4121	\$ 58,948	17,335	\$ 0.7879	\$ 13,658	17,335	\$ 1.8018	\$ 31,234	\$ 44,892
February	17,543	\$ 3.3396	\$ 58,586	17,870	\$ 0.7791	\$ 13,923	17,870	\$ 1.7713	\$ 31,654	\$ 45,576
March	29,450	\$ 3.3396	\$ 98,351	29,450	\$ 0.7791	\$ 22,944	29,450	\$ 1.7713	\$ 52,165	\$ 75,109
April	10,712	\$ 3.3396	\$ 35,773	10,712	\$ 0.7791	\$ 8,346	10,712	\$ 1.7713	\$ 18,974	\$ 27,320
May	21,158	\$ 3.3396	\$ 70,659	21,158	\$ 0.7791	\$ 16,484	21,158	\$ 1.7713	\$ 37,477	\$ 53,961
June	20,646	\$ 3.3396	\$ 68,951	20,646	\$ 0.7791	\$ 16,086	20,646	\$ 1.7713	\$ 36,571	\$ 52,657
July	15,641	\$ 3.3396	\$ 52,236	15,641	\$ 0.7791	\$ 12,186	15,641	\$ 1.7713	\$ 27,706	\$ 39,892
August	14,845	\$ 3.3396	\$ 49,578	14,845	\$ 0.7791	\$ 11,566	14,845	\$ 1.7713	\$ 26,296	\$ 37,862
September	14,458	\$ 3.3396	\$ 48,284	14,458	\$ 0.7791	\$ 11,264	14,458	\$ 1.7713	\$ 25,610	\$ 36,874
October	14,937	\$ 3.3396	\$ 49,882	15,278	\$ 0.7791	\$ 11,903	15,278	\$ 1.7713	\$ 27,062	\$ 38,965
November	11,247	\$ 3.3396	\$ 37,560	11,247	\$ 0.7791	\$ 8,762	11,247	\$ 1.7713	\$ 19,922	\$ 28,684
December	12,317	\$ 3.3396	\$ 41,133	12,317	\$ 0.7791	\$ 9,596	12,317	\$ 1.7713	\$ 21,817	\$ 31,413
Total	200,230	\$ 3.35	\$ 669,942	200,958	\$ 0.78	\$ 156,719	200,958	\$ 1.77	\$ 356,486	\$ 513,204

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



Incentive Regulation Model for 2017 Filers

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

Total	<div>- \$ - \$ -</div>				<div>- \$ - \$ -</div>				<div>- \$ - \$ -</div>				<div>\$ -</div>
Total	Network				Line Connection				Transformation Connection				Total Line
Month	Units Billed	Rate	Amount		Units Billed	Rate	Amount		Units Billed	Rate	Amount		Amount
January	627,497	\$	3.6532	\$ 2,292,357	642,504	\$ 0.8678	\$ 557,555		561,161	\$ 2.0133	\$ 1,129,762	\$	1,687,317
February	615,599	\$	3.6509	\$ 2,247,471	648,967	\$ 0.8675	\$ 562,977		564,228	\$ 2.0121	\$ 1,135,297	\$	1,698,274
March	595,221	\$	3.6441	\$ 2,169,073	630,686	\$ 0.8658	\$ 546,020		555,615	\$ 2.0068	\$ 1,115,018	\$	1,661,038
April	549,179	\$	3.6538	\$ 2,006,563	567,369	\$ 0.8683	\$ 492,637		495,346	\$ 2.0146	\$ 997,935	\$	1,490,572
May	657,222	\$	3.6497	\$ 2,398,654	680,475	\$ 0.8672	\$ 590,090		592,392	\$ 2.0111	\$ 1,191,370	\$	1,781,460
June	631,419	\$	3.6495	\$ 2,304,380	664,845	\$ 0.8672	\$ 576,539		580,270	\$ 2.0112	\$ 1,167,011	\$	1,743,550
July	787,843	\$	3.6536	\$ 2,878,496	802,978	\$ 0.8682	\$ 697,169		694,368	\$ 2.0144	\$ 1,398,734	\$	2,095,904
August	782,440	\$	3.6539	\$ 2,858,975	795,642	\$ 0.8683	\$ 690,859		687,917	\$ 2.0146	\$ 1,385,901	\$	2,076,760
September	734,491	\$	3.6537	\$ 2,683,605	806,320	\$ 0.8684	\$ 700,184		698,450	\$ 2.0149	\$ 1,407,273	\$	2,107,458
October	538,078	\$	3.6511	\$ 1,964,578	572,404	\$ 0.8676	\$ 496,603		500,253	\$ 2.0124	\$ 1,006,712	\$	1,503,314
November	554,771	\$	3.6535	\$ 2,026,859	581,035	\$ 0.8682	\$ 504,478		506,139	\$ 2.0145	\$ 1,019,603	\$	1,524,081
December	560,347	\$	3.6530	\$ 2,046,923	579,012	\$ 0.8681	\$ 502,621		500,925	\$ 2.0139	\$ 1,008,805	\$	1,511,426
Total	7,634,108	\$	3.65	\$ 27,877,933	7,972,238	\$ 0.87	\$ 6,917,733		6,937,065	\$ 2.01	\$ 13,963,422	\$	20,881,154



Incentive Regulation Model for 2017 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	610,221	\$ 3.6600	\$ 2,233,409	625,169	\$ 0.8700	\$ 543,897	543,826	\$ 2.0200	\$ 1,098,529	\$ 1,642,426
February	598,056	\$ 3.6600	\$ 2,188,885	631,097	\$ 0.8700	\$ 549,054	546,358	\$ 2.0200	\$ 1,103,643	\$ 1,652,698
March	565,771	\$ 3.6600	\$ 2,070,722	601,236	\$ 0.8700	\$ 523,075	526,165	\$ 2.0200	\$ 1,062,853	\$ 1,585,929
April	538,467	\$ 3.6600	\$ 1,970,789	556,657	\$ 0.8700	\$ 484,292	484,634	\$ 2.0200	\$ 978,961	\$ 1,463,252
May	636,064	\$ 3.6600	\$ 2,327,994	659,317	\$ 0.8700	\$ 573,606	571,234	\$ 2.0200	\$ 1,153,893	\$ 1,727,498
June	610,773	\$ 3.6600	\$ 2,235,429	644,199	\$ 0.8700	\$ 560,453	559,624	\$ 2.0200	\$ 1,130,440	\$ 1,690,894
July	772,202	\$ 3.6600	\$ 2,826,259	787,337	\$ 0.8700	\$ 684,983	678,727	\$ 2.0200	\$ 1,371,029	\$ 2,056,012
August	767,595	\$ 3.6600	\$ 2,809,398	780,797	\$ 0.8700	\$ 679,293	673,072	\$ 2.0200	\$ 1,359,605	\$ 2,038,899
September	720,033	\$ 3.6600	\$ 2,635,321	791,862	\$ 0.8700	\$ 688,920	683,992	\$ 2.0200	\$ 1,381,664	\$ 2,070,584
October	523,141	\$ 3.6600	\$ 1,914,696	557,126	\$ 0.8700	\$ 484,700	484,975	\$ 2.0200	\$ 979,650	\$ 1,464,349
November	543,524	\$ 3.6600	\$ 1,989,299	569,788	\$ 0.8700	\$ 495,716	494,892	\$ 2.0200	\$ 999,682	\$ 1,495,397
December	548,030	\$ 3.6600	\$ 2,005,790	566,695	\$ 0.8700	\$ 493,025	488,608	\$ 2.0200	\$ 986,988	\$ 1,480,013
Total	7,433,877	\$ 3.66	\$ 27,207,991	7,771,280	\$ 0.87	\$ 6,761,014	6,736,107	\$ 2.02	\$ 13,606,936	\$ 20,367,950

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	17,276	\$ 3.3396	\$ 57,695	17,335	\$ 0.7791	\$ 13,505	17,335	\$ 1.7713	\$ 30,705	\$ 44,210
February	17,543	\$ 3.3396	\$ 58,586	17,870	\$ 0.7791	\$ 13,923	17,870	\$ 1.7713	\$ 31,654	\$ 45,576
March	29,450	\$ 3.3396	\$ 98,351	29,450	\$ 0.7791	\$ 22,944	29,450	\$ 1.7713	\$ 52,165	\$ 75,109
April	10,712	\$ 3.3396	\$ 35,773	10,712	\$ 0.7791	\$ 8,346	10,712	\$ 1.7713	\$ 18,974	\$ 27,320
May	21,158	\$ 3.3396	\$ 70,659	21,158	\$ 0.7791	\$ 16,484	21,158	\$ 1.7713	\$ 37,477	\$ 53,961
June	20,646	\$ 3.3396	\$ 68,951	20,646	\$ 0.7791	\$ 16,086	20,646	\$ 1.7713	\$ 36,571	\$ 52,657
July	15,641	\$ 3.3396	\$ 52,236	15,641	\$ 0.7791	\$ 12,186	15,641	\$ 1.7713	\$ 27,706	\$ 39,892
August	14,845	\$ 3.3396	\$ 49,578	14,845	\$ 0.7791	\$ 11,566	14,845	\$ 1.7713	\$ 26,296	\$ 37,862
September	14,458	\$ 3.3396	\$ 48,284	14,458	\$ 0.7791	\$ 11,264	14,458	\$ 1.7713	\$ 25,610	\$ 36,874
October	14,937	\$ 3.3396	\$ 49,882	15,278	\$ 0.7791	\$ 11,903	15,278	\$ 1.7713	\$ 27,062	\$ 38,965
November	11,247	\$ 3.3396	\$ 37,560	11,247	\$ 0.7791	\$ 8,762	11,247	\$ 1.7713	\$ 19,922	\$ 28,684
December	12,317	\$ 3.3396	\$ 41,133	12,317	\$ 0.7791	\$ 9,596	12,317	\$ 1.7713	\$ 21,817	\$ 31,413
Total	200,230	\$ 3.34	\$ 668,690	200,958	\$ 0.78	\$ 156,566	200,958	\$ 1.77	\$ 355,957	\$ 512,523

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



Incentive Regulation Model for 2017 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

Total				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	627,497	\$ 3.65	\$ 2,291,104	642,504	\$ 0.87	\$ 557,402	561,161	\$ 2.01	\$ 1,129,233				\$ 1,686,636
February	615,599	\$ 3.65	\$ 2,247,471	648,967	\$ 0.87	\$ 562,977	564,228	\$ 2.01	\$ 1,135,297				\$ 1,698,274
March	595,221	\$ 3.64	\$ 2,169,073	630,686	\$ 0.87	\$ 546,020	555,615	\$ 2.01	\$ 1,115,018				\$ 1,661,038
April	549,179	\$ 3.65	\$ 2,006,563	567,369	\$ 0.87	\$ 492,637	495,346	\$ 2.01	\$ 997,935				\$ 1,490,572
May	657,222	\$ 3.65	\$ 2,398,654	680,475	\$ 0.87	\$ 590,090	592,392	\$ 2.01	\$ 1,191,370				\$ 1,781,460
June	631,419	\$ 3.65	\$ 2,304,380	664,845	\$ 0.87	\$ 576,539	580,270	\$ 2.01	\$ 1,167,011				\$ 1,743,550
July	787,843	\$ 3.65	\$ 2,878,496	802,978	\$ 0.87	\$ 697,169	694,368	\$ 2.01	\$ 1,398,734				\$ 2,095,904
August	782,440	\$ 3.65	\$ 2,858,975	795,642	\$ 0.87	\$ 690,859	687,917	\$ 2.01	\$ 1,385,901				\$ 2,076,760
September	734,491	\$ 3.65	\$ 2,683,605	806,320	\$ 0.87	\$ 700,184	698,450	\$ 2.01	\$ 1,407,273				\$ 2,107,458
October	538,078	\$ 3.65	\$ 1,964,578	572,404	\$ 0.87	\$ 496,603	500,253	\$ 2.01	\$ 1,006,712				\$ 1,503,314
November	554,771	\$ 3.65	\$ 2,026,859	581,035	\$ 0.87	\$ 504,478	506,139	\$ 2.01	\$ 1,019,603				\$ 1,524,081
December	560,347	\$ 3.65	\$ 2,046,923	579,012	\$ 0.87	\$ 502,621	500,925	\$ 2.01	\$ 1,008,805				\$ 1,511,426
Total	7,634,108	\$ 3.65	\$ 27,876,681	7,972,238	\$ 0.87	\$ 6,917,580	6,937,065	\$ 2.01	\$ 13,962,893				\$ 20,880,473

Incentive Regulation Model for 2017 Filers

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0078	1,278,150,169	0	9,969,571	34.0%	9,476,536	0.0074
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	347,362,288	0	2,396,800	8.2%	2,278,268	0.0066
General Service 50 To 699 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6937		3,019,611	8,133,925	27.7%	7,731,669	2.5605
General Service 700 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0209		2,067,302	6,245,113	21.3%	5,936,266	2.8715
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.4191		677,995	2,318,132	7.9%	2,203,490	3.2500
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	5,409,294	0	37,324	0.1%	35,478	0.0066
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2429		101,054	226,655	0.8%	215,446	2.1320
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.0209		0	0	0.0%	0	0.0000
Distributed Generation [dgen] Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	118,747	0	819	0.0%	779	0.0066

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

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	1,278,150,169	0	7,285,456	35.2%	7,344,307	0.0057
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	347,362,288	0	1,667,339	8.0%	1,680,868	0.0048
General Service 50 To 699 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9024		3,019,611	5,744,507	27.7%	5,790,910	1.9178
General Service 700 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449		2,067,302	4,227,426	20.4%	4,261,574	2.0614
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3636		677,995	1,602,508	7.7%	1,615,453	2.3827
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	5,409,294	0	25,965	0.1%	26,174	0.0048
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5839		101,054	160,060	0.8%	161,353	1.5967
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0449		0	0	0.0%	0	0.0000
Distributed Generation [dgen] Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	118,747	0	570	0.0%	575	0.0048

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074	1,278,150,169	0	9,476,536	34.0%	9,476,110	0.0074
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	347,362,288	0	2,278,268	8.2%	2,278,166	0.0066
General Service 50 To 699 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5605		3,019,611	7,731,669	27.7%	7,731,322	2.5604
General Service 700 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8715		2,067,302	5,936,266	21.3%	5,936,000	2.8714
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2500		677,995	2,203,490	7.9%	2,203,391	3.2499
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	5,409,294	0	35,478	0.1%	35,477	0.0066
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.1320		101,054	215,446	0.8%	215,436	2.1319
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	0.0000		0	0	0.0%	0	0.0000
Distributed Generation [dgen] Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	118,747	0	779	0.0%	779	0.0066

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057	1,278,150,169	0	7,344,307	35.2%	7,344,067	0.0057
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	347,362,288	0	1,680,808	8.0%	1,680,753	0.0048
General Service 50 To 699 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9178		3,019,611	5,790,910	27.7%	5,790,722	1.9177
General Service 700 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614		2,067,302	4,261,574	20.4%	4,261,435	2.0614
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3827		677,995	1,615,453	7.7%	1,615,400	2.3826
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	5,409,294	0	26,174	0.1%	26,173	0.0048
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5967		101,054	161,353	0.8%	161,348	1.5966
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000		0	0	0.0%	0	0.0000
Distributed Generation [dgen] Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048	118,747	0	575	0.0%	575	0.0048

Incentive Regulation Model for 2017 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2016 values and will be updated by OEB staff at a later date.

Price Escalator	2.10%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	140,979	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	III	Price Cap Index	1.80%	Billed kWh for Residential Class (approved in the last CoS)	1,308,264,983	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.30%						
				Rate Design Transition Years Left	3		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	14.32		0.0118		1.80%	17.67	0.0080
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	24.77	-0.0500	0.0164		1.80%	25.16	0.0167
GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	123.36		2.794		1.80%	125.58	2.8443
GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	1113.03		3.2434		1.80%	1,133.06	3.3018
LARGE USE SERVICE CLASSIFICATION	4631.56		2.4556		1.80%	4,714.93	2.4998
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	1.07		0.0195		1.80%	1.09	0.0199
STREET LIGHTING SERVICE CLASSIFICATION	2.26		11.3571		1.80%	2.30	11.5615
STANDBY POWER SERVICE CLASSIFICATION	0		1.6516		1.80%	0.00	1.6813
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	4094.31				1.80%	4,168.01	0.0000
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	82.75	19.5800			1.80%	104.17	0.0000
ENERGY FROM WASTE SERVICE CLASSIFICATION	62.1				1.80%	63.22	0.0000
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	14.3200	24,225,831	61.1%	13.0%	3.04	74.1%	17.36	29,368,745
Current Residential Variable Rate (inclusive of R/C adj.)	0.0118	15,437,527	38.9%			25.9%	0.0079	10,335,293
		39,663,358						39,704,039

¹ These are the residential rates to which the Price Cap Index will be applied to.



Ontario Energy Board

Incentive Regulation Model for 2017 Filers

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

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

Incentive Regulation Model for 2017 Filers

In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below.

In column A, the rate rider descriptions must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2018) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu

RESIDENTIAL SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kWh	0.0003	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kWh	0.0003	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kW	0.1027	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017) - Applicable only to Class B customers	\$/kW	0.1137	- effective until	31/12/2017	B
Rate Rider for Disposition of CBR Class B (2017) - For Class A , formerly Class B	\$/kW	0.0130	- effective until	31/12/2017	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

LARGE USE SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017) - Applicable only to Class B customers	\$/kW	0.1602	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kWh	0.0003	- effective until	31/12/2017	B
			- effective until		

Incentive Regulation Model for 2017 Filers

			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

STREET LIGHTING SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kW	0.0940	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kWh	0.0003	- effective until	31/12/2017	B
Retail Transmission Rate - Network Service Rate	\$/kW	2.8714	- effective until	31/12/2017	B
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION

Rate Rider for Disposition of CBR Class B (2017)	\$/kWh	0.0003	- effective until	31/12/2017	B
Rate Rider for Deferral/Variance Account Disposition (2017)	\$/kWh	-0.0037	- effective until	31/12/2017	B
Rate Rider for Global Adjustment Sub-Account Disposition (2017)	\$/kWh	0.0049	- effective until	31/12/2017	B
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

ENERGY FROM WASTE SERVICE CLASSIFICATION

			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
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			- effective until		

microFIT SERVICE CLASSIFICATION

			- effective until		
			- effective until		
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			- effective until		
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			- effective until		
			- effective until		
			- effective until		
			- effective until		

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account where the electricity is supplied exclusively to single-family dwelling units for domestic or household purposes, including seasonal occupancy. This includes, but is not limited to, detached houses, one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex 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	\$	17.67
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0080
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0057

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

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.

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)

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously
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EB-2016-0080

Class E

Class E comprises account-holders with a household income and household size described 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)

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall normally be classified as general service. Where service is provided to combined residential and business, or residential and agricultural, whether seasonal or all-year premises, and the wiring does not provide for separate metering, the service shall normally be classed as general service. 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	\$	25.16
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0167
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kWh	0.0014
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 700 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.

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	\$	125.58
Distribution Volumetric Rate	\$/kW	2.8443
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0753
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.3502)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1771
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kW	0.1027
Retail Transmission Rate - Network Service Rate	\$/kW	2.5604
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9177

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 700 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.

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	\$	1,133.06
Distribution Volumetric Rate	\$/kW	3.3018
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until December 31, 2017	\$/kW	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.5808)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	0.0372
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2029
31, 2017	\$/kW	0.1137
2017	\$/kW	0.0130
Retail Transmission Rate - Network Service Rate	\$/kW	2.8714
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0614

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand over 12 consecutive months used for billing purposes is equal to or greater than 5,000 kW, or is forecast to be equal to or greater 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.

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	\$	4,714.93
Distribution Volumetric Rate	\$/kW	2.4998
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0407
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(2.0206)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.2634
	\$/kW	0.1602
Retail Transmission Rate - Network Service Rate	\$/kW	3.2499
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3826

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 (per connection)	\$	1.09
Distribution Volumetric Rate	\$/kWh	0.0199
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kWh	(0.0003)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

STREET LIGHTING SERVICE CLASSIFICATION

All service supplied to roadway lighting equipment owned by or operated by the City of Brampton, Regional Municipality of Peel, or the Ministry of Transportation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB 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 (per connection)	\$	2.30
Distribution Volumetric Rate	\$/kW	11.5615
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0049
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until December 31, 2017	\$/kW	0.0388
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	(1.2356)
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kW	0.1640
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kW	0.0940
Retail Transmission Rate - Network Service Rate	\$/kW	2.1319
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5966

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. 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 - Approved on an Interim Basis

Distribution Volumetric Rate	\$/kW	1.6813
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Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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approved schedules of Rates, Charges and Loss Factors

EB-2016-0080

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board, that is provided electricity by means of this distributor's facilities. 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	\$	4,168.01
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kW	0.0000
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.0000

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION

This classification applies to a distributed generator that is not a microFIT or an Energy from Waste Generator 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. 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	\$	104.17
Rate Rider for Disposition of Account 1576 - effective until December 31, 2017	\$/kWh	0.0005
Rate Rider for Disposition of CBR Class B (2017) - effective until December 31, 2017	\$/kWh	0.0003
Rate Rider for Deferral/Variance Account Disposition (2017) - effective until December 31, 2017	\$/kWh	(0.0037)
Rate Rider for Global Adjustment Sub-Account Disposition (2017) - effective until December 31, 2017	\$/kWh	0.0049
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048

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

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

ENERGY FROM WASTE SERVICE CLASSIFICATION

This classification applies to an electricity generation facility that is not covered by a microFIT or Distributed Generation classification which produces energy from combustion of consumer waste with the capability to generate over 4,000 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.

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	\$	63.22
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Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

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. 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	\$	5.40
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Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month

General Service less than 50 kW Classification	\$/kWh	(0.0032)
General Service 50 to 699 kW Classification	\$/kW	(0.6840)
General Service 700 to 4,999 kW Classification	\$/kW	(0.8515)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2016-0080

SPECIFIC SERVICE CHARGES

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 charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Special billing service (aggregation)	\$	125.00
Special billing service (sub-metering charge per meter)	\$	25.00

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
Disconnect/reconnect at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole - after regular hours	\$	415.00
Disconnect/reconnection for >300 volts - during regular hours	\$	60.00
Disconnect/reconnection for >300 volts - after regular hours	\$	155.00

Other

Hydro One Brampton Networks Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0080

Owner requested disconnection/reconnection - during regular hours	\$	120.00
Owner requested disconnection/reconnection - after regular hours	\$	155.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

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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
Monthly variable charge, per customer, per retailer	\$/cust.	0.50
Distributor-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

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LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0341
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0239
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045



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).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0341	1.0341	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0341	1.0341	2,000		N/A	
GENERAL SERVICE 50 TO 699 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0341	1.0341	182,500	500	DEMAND	
GENERAL SERVICE 700 TO 4,999 kW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0341	1.0341	627,216	1,432	DEMAND	
LARGE USE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0145	1.0145	10,220,000	20,000	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	1.0341	1.0341	21,296		N/A	186
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0341	1.0341	2,787,508	7,922	DEMAND	20,614
STANDBY POWER SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0341	1.0341	-	4,548	DEMAND	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	1.0247	1.0247	1,417,701	4,000	N/A	
DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	kWh	Non-RPP (Other)	1.0341	1.0341	156		N/A	
ENERGY FROM WASTE SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0341	1.0341			DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0341	1.0341	347		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0341	1.0341	750		N/A	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0341	1.0341	150		N/A	1
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
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Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)		Units	Sub-Total						Total	
			A		B		C		A + B + C	
			\$	%	\$	%	\$	%	\$	%
1	RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.57	2.4%	\$ (2.05)	-7.5%	\$ (2.36)	-6.3%	\$ (2.67)	-1.9%
2	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 3.79	6.5%	\$ (3.21)	-4.8%	\$ (3.83)	-4.2%	\$ (4.33)	-1.1%
3	GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 65.02	4.0%	\$ 335.52	20.9%	\$ 276.52	7.1%	\$ 312.47	1.0%
4	GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 125.28	2.1%	\$ 1,151.02	19.0%	\$ 960.57	7.2%	\$ 1,085.44	1.0%
5	LARGE USE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1,781.37	3.0%	\$ 14,651.37	24.8%	\$ 11,647.37	6.7%	\$ 13,161.53	0.8%
6	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$ 5.85	0.9%	\$ 37.79	6.0%	\$ 31.19	3.5%	\$ 35.24	0.9%
7	STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 2,751.19	2.0%	\$ 7,366.22	5.3%	\$ 6,587.49	3.9%	\$ 7,443.87	1.2%
8	STANDBY POWER SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 135.08	1.8%	\$ 135.08	1.8%	\$ 135.08	1.8%	\$ 152.64	1.8%
9	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$ 73.70	1.8%	\$ 74.90	1.8%	\$ (20,188.30)	-82.9%	\$ (22,812.78)	-9.7%
10	DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION - Non-RPP (Other)	kWh	\$ 21.42	25.9%	\$ 21.08	25.3%	\$ 21.03	24.6%	\$ 23.76	20.0%
11	ENERGY FROM WASTE SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1.12	1.8%	\$ 1.12	1.8%	\$ 1.12	1.8%	\$ 1.27	1.8%
12	RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.07	11.1%	\$ 0.85	4.1%	\$ 0.71	2.8%	\$ 0.80	1.1%
13	RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.57	2.4%	\$ 1.63	6.0%	\$ 1.31	3.5%	\$ 1.49	1.0%
14	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.04	0.9%	\$ (0.48)	-10.2%	\$ (0.52)	-8.1%	\$ (0.59)	-2.1%
15										
16										
17										
18										
19										
20										

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 14.32	1	\$ 14.32	\$ 17.67	1	\$ 17.67	\$ 3.35	23.39%
Distribution Volumetric Rate	\$ 0.0118	750	\$ 8.85	\$ 0.0080	750	\$ 6.00	\$ (2.85)	-32.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	750	\$ 0.38	\$ 0.0006	750	\$ 0.45	\$ 0.08	20.00%
Sub-Total A (excluding pass through)			\$ 23.55			\$ 24.12	\$ 0.57	2.44%
Line Losses on Cost of Power	\$ 0.1114	26	\$ 2.85	\$ 0.1114	26	\$ 2.85	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	\$ 0.0035	750	\$ (2.63)	\$ (2.63)	
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)			\$ 27.18			\$ 25.13	\$ (2.05)	-7.54%
RTSR - Network	\$ 0.0078	776	\$ 6.05	\$ 0.0074	776	\$ 5.74	\$ (0.31)	-5.13%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	776	\$ 4.42	\$ 0.0057	776	\$ 4.42	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 37.65			\$ 35.29	\$ (2.36)	-6.27%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	776	\$ 2.79	\$ 0.0036	776	\$ 2.79	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	776	\$ 1.01	\$ 0.0013	776	\$ 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	776	\$ 0.85	\$ 0.0011	776	\$ 0.85	\$ -	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)			\$ 126.10			\$ 123.74	\$ (2.36)	-1.87%
HST	13%		\$ 16.39	13%		\$ 16.09	\$ (0.31)	-1.87%
Total Bill on TOU			\$ 142.49			\$ 139.83	\$ (2.67)	-1.87%

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.77	1	\$ 24.77	\$ 25.16	1	\$ 25.16	\$ 0.39	1.57%
Distribution Volumetric Rate	\$ 0.0164	2000	\$ 32.80	\$ 0.0167	2000	\$ 33.40	\$ 0.60	1.83%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	2000	\$ 1.00	\$ 0.0019	2000	\$ 3.80	\$ 2.80	280.00%
Sub-Total A (excluding pass through)			\$ 58.57			\$ 62.36	\$ 3.79	6.47%
Line Losses on Cost of Power	\$ 0.1114	68	\$ 7.60	\$ 0.1114	68	\$ 7.60	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	2,000	\$ -	\$ 0.0035	2,000	\$ (7.00)	\$ (7.00)	
GA Rate Riders				\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ -	2,000	\$ -		2,000	\$ -	\$ -	
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)			\$ 66.96			\$ 63.75	\$ (3.21)	-4.79%
RTSR - Network	\$ 0.0069	2,068	\$ 14.27	\$ 0.0066	2,068	\$ 13.65	\$ (0.62)	-4.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0048	2,068	\$ 9.93	\$ 0.0048	2,068	\$ 9.93	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 91.15			\$ 87.32	\$ (3.83)	-4.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,068	\$ 7.45	\$ 0.0036	2,068	\$ 7.45	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,068	\$ 2.69	\$ 0.0013	2,068	\$ 2.69	\$ -	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	2,068	\$ 2.28	\$ 0.0011	2,068	\$ 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)			\$ 340.59			\$ 336.76	\$ (3.83)	-1.12%
HST	13%		\$ 44.28	13%		\$ 43.78	\$ (0.50)	-1.12%
Total Bill on TOU			\$ 384.87			\$ 380.54	\$ (4.33)	-1.12%

Customer Class:	GENERAL SERVICE 50 TO 699 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	182,500	kWh
Demand	500	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 123.36	1	\$ 123.36	\$ 125.58	1	\$ 125.58	\$ 2.22	1.80%
Distribution Volumetric Rate	\$ 2.7940	500	\$ 1,397.00	\$ 2.8443	500	\$ 1,422.15	\$ 25.15	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.1771	500	\$ 88.55	\$ 0.2524	500	\$ 126.20	\$ 37.65	42.52%
Sub-Total A (excluding pass through)			\$ 1,608.91			\$ 1,673.93	\$ 65.02	4.04%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ -	500	\$ -	-\$ 1.2475	500	\$ (623.75)	\$ (623.75)	-
GA Rate Riders				\$ 0.0049	182,500	\$ 894.25	\$ 894.25	-
Low Voltage Service Charge	\$ -	500	\$ -		500	\$ -	\$ -	-
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,608.91			\$ 1,944.43	\$ 335.52	20.85%
RTSR - Network	\$ 2.6937	500	\$ 1,346.85	\$ 2.5604	500	\$ 1,280.20	\$ (66.65)	-4.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.9024	500	\$ 951.20	\$ 1.9177	500	\$ 958.85	\$ 7.65	0.80%
Sub-Total C - Delivery (including Sub-Total B)			\$ 3,906.96			\$ 4,183.48	\$ 276.52	7.08%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	188,723	\$ 679.40	\$ 0.0036	188,723	\$ 679.40	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	188,723	\$ 245.34	\$ 0.0013	188,723	\$ 245.34	\$ -	0.00%
Standard Supply Service Charge								-
Debt Retirement Charge (DRC)	\$ 0.0070	182,500	\$ 1,277.50	\$ 0.0070	182,500	\$ 1,277.50	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	188,723	\$ 207.60	\$ 0.0011	188,723	\$ 207.60	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	188,723	\$ 21,325.73	\$ 0.1130	188,723	\$ 21,325.73	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 27,642.53			\$ 27,919.05	\$ 276.52	1.00%
HST	13%		\$ 3,593.53	13%		\$ 3,629.48	\$ 35.95	1.00%
Total Bill on Average IESO Wholesale Market Price			\$ 31,236.06			\$ 31,548.52	\$ 312.47	1.00%

Customer Class:	GENERAL SERVICE 700 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	627,216	kWh
Demand	1,432	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1,113.03	1	\$ 1,113.03	\$ 1,133.06	1	\$ 1,133.06	\$ 20.03	1.80%
Distribution Volumetric Rate	\$ 3.2434	1432	\$ 4,644.55	\$ 3.3018	1432	\$ 4,728.18	\$ 83.63	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.2029	1432	\$ 290.55	\$ 0.2180	1432	\$ 312.18	\$ 21.62	7.44%
Sub-Total A (excluding pass through)			\$ 6,048.13			\$ 6,173.41	\$ 125.28	2.07%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	1,432	\$ -	-\$ 1.4299	1,432	\$ (2,047.62)	\$ (2,047.62)	
GA Rate Riders				\$ 0.0049	627,216	\$ 3,073.36	\$ 3,073.36	
Low Voltage Service Charge	\$ -	1,432	\$ -		1,432	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 6,048.13			\$ 7,199.16	\$ 1,151.02	19.03%
RTSR - Network	\$ 3.0209	1,432	\$ 4,325.93	\$ 2.8714	1,432	\$ 4,111.84	\$ (214.08)	-4.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.0449	1,432	\$ 2,928.30	\$ 2.0614	1,432	\$ 2,951.92	\$ 23.63	0.81%
Sub-Total C - Delivery (including Sub-Total B)			\$ 13,302.36			\$ 14,262.92	\$ 960.57	7.22%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	648,604	\$ 2,334.97	\$ 0.0036	648,604	\$ 2,334.97	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	648,604	\$ 843.19	\$ 0.0013	648,604	\$ 843.19	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	627,216	\$ 4,390.51	\$ 0.0070	627,216	\$ 4,390.51	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	648,604	\$ 713.46	\$ 0.0011	648,604	\$ 713.46	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	648,604	\$ 73,292.26	\$ 0.1130	648,604	\$ 73,292.26	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 94,876.75			\$ 95,837.32	\$ 960.57	1.01%
HST	13%		\$ 12,333.98	13%		\$ 12,458.85	\$ 124.87	1.01%
Total Bill on Average IESO Wholesale Market Price			\$ 107,210.73			\$ 108,296.17	\$ 1,085.44	1.01%

Customer Class:	LARGE USE SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	10,220,000	kWh
Demand	20,000	kW
Current Loss Factor	1.0145	
Proposed/Approved Loss Factor	1.0145	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4,631.56	1	\$ 4,631.56	\$ 4,714.93	1	\$ 4,714.93	\$ 83.37	1.80%
Distribution Volumetric Rate	\$ 2.4556	20000	\$ 49,112.00	\$ 2.4998	20000	\$ 49,996.00	\$ 884.00	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.2634	20000	\$ 5,268.00	\$ 0.3041	20000	\$ 6,082.00	\$ 814.00	15.45%
Sub-Total A (excluding pass through)			\$ 59,011.56			\$ 60,792.93	\$ 1,781.37	3.02%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	20,000	\$ -	\$ 1.8604	20,000	\$ (37,208.00)	\$ (37,208.00)	
GA Rate Riders				\$ 0.0049	10,220,000	\$ 50,078.00	\$ 50,078.00	
Low Voltage Service Charge	\$ -	20,000	\$ -		20,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 59,011.56			\$ 73,662.93	\$ 14,651.37	24.83%
RTSR - Network	\$ 3.4191	20,000	\$ 68,382.00	\$ 3.2499	20,000	\$ 64,998.00	\$ (3,384.00)	-4.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.3636	20,000	\$ 47,272.00	\$ 2.3826	20,000	\$ 47,652.00	\$ 380.00	0.80%
Sub-Total C - Delivery (including Sub-Total B)			\$ 174,665.56			\$ 186,312.93	\$ 11,647.37	6.67%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	10,368,190	\$ 37,325.48	\$ 0.0036	10,368,190	\$ 37,325.48	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	10,368,190	\$ 13,478.65	\$ 0.0013	10,368,190	\$ 13,478.65	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	10,220,000	\$ 71,540.00	\$ 0.0070	10,220,000	\$ 71,540.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	10,368,190	\$ 11,405.01	\$ 0.0011	10,368,190	\$ 11,405.01	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	10,368,190	\$ 1,171,605.47	\$ 0.1130	10,368,190	\$ 1,171,605.47	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 1,480,020.17			\$ 1,491,667.54	\$ 11,647.37	0.79%
HST	13%		\$ 192,402.62	13%		\$ 193,916.78	\$ 1,514.16	0.79%
Total Bill on Average IESO Wholesale Market Price			\$ 1,672,422.79			\$ 1,685,584.32	\$ 13,161.53	0.79%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	21,296	kWh
Demand	-	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.07	186	\$ 199.02	\$ 1.09	186	\$ 202.74	\$ 3.72	1.87%
Distribution Volumetric Rate	\$ 0.0195	21296	\$ 415.27	\$ 0.0199	21296	\$ 423.79	\$ 8.52	2.05%
Fixed Rate Riders	\$ -	186	\$ -	\$ -	186	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	21296	\$ 10.65	\$ 0.0002	21296	\$ 4.26	\$ (6.39)	-60.00%
Sub-Total A (excluding pass through)			\$ 624.94			\$ 630.79	\$ 5.85	0.94%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	21,296	\$ -	\$ 0.0034	21,296	\$ (72.41)	\$ (72.41)	
GA Rate Riders				\$ 0.0049	21,296	\$ 104.35	\$ 104.35	
Low Voltage Service Charge	\$ -	21,296	\$ -		21,296	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 624.94			\$ 662.73	\$ 37.79	6.05%
RTSR - Network	\$ 0.0069	22,022	\$ 151.95	\$ 0.0066	22,022	\$ 145.35	\$ (6.61)	-4.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0048	22,022	\$ 105.71	\$ 0.0048	22,022	\$ 105.71	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 882.60			\$ 913.79	\$ 31.19	3.53%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	22,022	\$ 79.28	\$ 0.0036	22,022	\$ 79.28	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	22,022	\$ 28.63	\$ 0.0013	22,022	\$ 28.63	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	21,296	\$ 149.07	\$ 0.0070	21,296	\$ 149.07	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	22,022	\$ 24.22	\$ 0.0011	22,022	\$ 24.22	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	22,022	\$ 2,488.51	\$ 0.1130	22,022	\$ 2,488.51	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 3,652.31			\$ 3,683.50	\$ 31.19	0.85%
HST	13%		\$ 474.80	13%		\$ 478.85	\$ 4.05	0.85%
Total Bill on Average IESO Wholesale Market Price			\$ 4,127.11			\$ 4,162.35	\$ 35.24	0.85%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	2,787,508	kWh
Demand	7,922	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 2.26	20614	\$ 46,587.64	\$ 2.30	20614	\$ 47,412.20	\$ 824.56	1.77%
Distribution Volumetric Rate	\$ 11.3571	7922	\$ 89,970.95	\$ 11.5615	7922	\$ 91,590.20	\$ 1,619.26	1.80%
Fixed Rate Riders	\$ -	20614	\$ -	\$ -	20614	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.1640	7922	\$ 1,299.21	\$ 0.2028	7922	\$ 1,606.58	\$ 307.37	23.66%
Sub-Total A (excluding pass through)			\$ 137,857.79			\$ 140,608.98	\$ 2,751.19	2.00%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	7,922	\$ -	\$ 1.1416	7,922	\$ (9,043.76)	\$ (9,043.76)	
GA Rate Riders				\$ 0.0049	2,787,508	\$ 13,658.79	\$ 13,658.79	
Low Voltage Service Charge	\$ -	7,922	\$ -		7,922	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 137,857.79			\$ 145,224.02	\$ 7,366.22	5.34%
RTSR - Network	\$ 2.2429	7,922	\$ 17,768.25	\$ 2.1319	7,922	\$ 16,888.91	\$ (879.34)	-4.95%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5839	7,922	\$ 12,547.66	\$ 1.5966	7,922	\$ 12,648.27	\$ 100.61	0.80%
Sub-Total C - Delivery (including Sub-Total B)			\$ 168,173.70			\$ 174,761.20	\$ 6,587.49	3.92%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,882,562	\$ 10,377.22	\$ 0.0036	2,882,562	\$ 10,377.22	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,882,562	\$ 3,747.33	\$ 0.0013	2,882,562	\$ 3,747.33	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	2,787,508	\$ 19,512.56	\$ 0.0070	2,787,508	\$ 19,512.56	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,882,562	\$ 3,170.82	\$ 0.0011	2,882,562	\$ 3,170.82	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	2,882,562	\$ 325,729.51	\$ 0.1130	2,882,562	\$ 325,729.51	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 530,711.14			\$ 537,298.63	\$ 6,587.49	1.24%
HST	13%		\$ 68,992.45	13%		\$ 69,848.82	\$ 856.37	1.24%
Total Bill on Average IESO Wholesale Market Price			\$ 599,703.59			\$ 607,147.45	\$ 7,443.87	1.24%

Customer Class:	STANDBY POWER SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	-	kWh
Demand	4,548	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.6516	4548	\$ 7,511.48	\$ 1.6813	4548	\$ 7,646.55	\$ 135.08	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	4548	\$ -	\$ -	4548	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 7,511.48			\$ 7,646.55	\$ 135.08	1.80%
Line Losses on Cost of Power	\$ 0.1130	-	\$ -	\$ 0.1130	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	4,548	\$ -	\$ -	4,548	\$ -	\$ -	
GA Rate Riders				\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ -	4,548	\$ -		4,548	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 7,511.48			\$ 7,646.55	\$ 135.08	1.80%
RTSR - Network	\$ -	4,548	\$ -	\$ -	4,548	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	4,548	\$ -	\$ -	4,548	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ 7,511.48			\$ 7,646.55	\$ 135.08	1.80%
Wholesale Market Service Charge (WMSC)	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	-	\$ -	\$ 0.0070	-	\$ -	\$ -	
Ontario Electricity Support Program (OESP)	\$ 0.0011	-	\$ -	\$ 0.0011	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1130	-	\$ -	\$ 0.1130	-	\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 7,511.48			\$ 7,646.55	\$ 135.08	1.80%
HST	13%		\$ 976.49	13%		\$ 994.05	\$ 17.56	1.80%
Total Bill on Average IESO Wholesale Market Price			\$ 8,487.97			\$ 8,640.60	\$ 152.64	1.80%

Customer Class:	EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	1,417,701	kWh
Demand	4,000	kW
Current Loss Factor	1.0247	
Proposed/Approved Loss Factor	1.0247	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4,094.31	1	\$ 4,094.31	\$ 4,168.01	1	\$ 4,168.01	\$ 73.70	1.80%
Distribution Volumetric Rate	\$ -	4000	\$ -	\$ -	4000	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	4000	\$ -	\$ -	4000	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 4,094.31			\$ 4,168.01	\$ 73.70	1.80%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	4,000	\$ -	\$ 0.0003	4,000	\$ 1.20	\$ 1.20	
GA Rate Riders				\$ -	1,417,701	\$ -	\$ -	
Low Voltage Service Charge	\$ -	4,000	\$ -		4,000	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 4,094.31			\$ 4,169.21	\$ 74.90	1.83%
RTSR - Network	\$ 3.0209	4,000	\$ 12,083.60	\$ -	4,000	\$ -	\$ (12,083.60)	-100.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.0449	4,000	\$ 8,179.60	\$ -	4,000	\$ -	\$ (8,179.60)	-100.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 24,357.51			\$ 4,169.21	\$ (20,188.30)	-82.88%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	1,452,718	\$ 5,229.79	\$ 0.0036	1,452,718	\$ 5,229.79	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1,452,718	\$ 1,888.53	\$ 0.0013	1,452,718	\$ 1,888.53	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	1,417,701	\$ 9,923.91	\$ 0.0070	1,417,701	\$ 9,923.91	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	1,452,718	\$ 1,597.99	\$ 0.0011	1,452,718	\$ 1,597.99	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	1,452,718	\$ 164,157.16	\$ 0.1130	1,452,718	\$ 164,157.16	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 207,154.88			\$ 186,966.58	\$ (20,188.30)	-9.75%
HST	13%		\$ 26,930.13	13%		\$ 24,305.66	\$ (2,624.48)	-9.75%
Total Bill on Average IESO Wholesale Market Price			\$ 234,085.02			\$ 211,272.24	\$ (22,812.78)	-9.75%

Customer Class:	DISTRIBUTED GENERATION [DGEN] SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	156	kWh
Demand	-	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 82.75	1	\$ 82.75	\$ 104.17	1	\$ 104.17	\$ 21.42	25.89%
Distribution Volumetric Rate	\$ -	156	\$ -	\$ -	156	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	156	\$ 0.08	\$ 0.0005	156	\$ 0.08	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 82.83			\$ 104.25	\$ 21.42	25.86%
Line Losses on Cost of Power	\$ 0.1130	5	\$ 0.60	\$ 0.1130	5	\$ 0.60	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	156	\$ -	\$ 0.0022	156	\$ (0.34)	\$ (0.34)	
GA Rate Riders				\$ -	156	\$ -	\$ -	
Low Voltage Service Charge	\$ -	156	\$ -		156	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 83.43			\$ 104.51	\$ 21.08	25.26%
RTSR - Network	\$ 0.0069	161	\$ 1.11	\$ 0.0066	161	\$ 1.06	\$ (0.05)	-4.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0048	161	\$ 0.77	\$ 0.0048	161	\$ 0.77	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 85.32			\$ 106.34	\$ 21.03	24.65%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	161	\$ 0.58	\$ 0.0036	161	\$ 0.58	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	161	\$ 0.21	\$ 0.0013	161	\$ 0.21	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	156	\$ 1.09	\$ 0.0070	156	\$ 1.09	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	161	\$ 0.18	\$ 0.0011	161	\$ 0.18	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	156	\$ 17.63	\$ 0.1130	156	\$ 17.63	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 105.00			\$ 126.03	\$ 21.03	20.03%
HST	13%		\$ 13.65	13%		\$ 16.38	\$ 2.73	20.03%
Total Bill on Average IESO Wholesale Market Price			\$ 118.66			\$ 142.42	\$ 23.76	20.03%

Customer Class:	ENERGY FROM WASTE SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	-	kWh
Demand	-	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 62.10	1	\$ 62.10	\$ 63.22	1	\$ 63.22	\$ 1.12	1.80%
Distribution Volumetric Rate	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0	\$ -	\$ -	0	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 62.10			\$ 63.22	\$ 1.12	1.80%
Line Losses on Cost of Power	\$ 0.1130	-	\$ -	\$ 0.1130	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
GA Rate Riders				\$ -	-	\$ -	\$ -	
Low Voltage Service Charge	\$ -	-	\$ -		-	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 62.10			\$ 63.22	\$ 1.12	1.80%
RTSR - Network	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ 62.10			\$ 63.22	\$ 1.12	1.80%
Wholesale Market Service Charge (WMSC)	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Rural and Remote Rate Protection (RRRP)	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	-	\$ -	\$ 0.0070	-	\$ -	\$ -	
Ontario Electricity Support Program (OESP)	\$ 0.0011	-	\$ -	\$ 0.0011	-	\$ -	\$ -	
Average IESO Wholesale Market Price	\$ 0.1130	-	\$ -	\$ 0.1130	-	\$ -	\$ -	
Total Bill on Average IESO Wholesale Market Price			\$ 62.10			\$ 63.22	\$ 1.12	1.80%
HST	13%		\$ 8.07	13%		\$ 8.22	\$ 0.15	1.80%
Total Bill on Average IESO Wholesale Market Price			\$ 70.17			\$ 71.44	\$ 1.27	1.80%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	347	kWh	
Demand	-	kW	
Current Loss Factor	1.0341		
Proposed/Approved Loss Factor	1.0341		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 14.32	1	\$ 14.32	\$ 17.67	1	\$ 17.67	\$ 3.35	23.39%
Distribution Volumetric Rate	\$ 0.0118	347	\$ 4.09	\$ 0.0080	347	\$ 2.78	\$ (1.32)	-32.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	347	\$ 0.17	\$ 0.0006	347	\$ 0.21	\$ 0.03	20.00%
Sub-Total A (excluding pass through)			\$ 18.59			\$ 20.65	\$ 2.07	11.12%
Line Losses on Cost of Power	\$ 0.1114	12	\$ 1.32	\$ 0.1114	12	\$ 1.32	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	347	\$ -	\$ 0.0035	347	\$ (1.21)	\$ (1.21)	
GA Rate Riders				\$ -	347	\$ -	\$ -	
Low Voltage Service Charge	\$ -	347	\$ -		347	\$ -	\$ -	
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)			\$ 20.70			\$ 21.55	\$ 0.85	4.11%
RTSR - Network	\$ 0.0078	359	\$ 2.80	\$ 0.0074	359	\$ 2.66	\$ (0.14)	-5.13%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	359	\$ 2.05	\$ 0.0057	359	\$ 2.05	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 25.54			\$ 26.25	\$ 0.71	2.77%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	359	\$ 1.29	\$ 0.0036	359	\$ 1.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	359	\$ 0.47	\$ 0.0013	359	\$ 0.47	\$ -	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	359	\$ 0.39	\$ 0.0011	359	\$ 0.39	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	226	\$ 19.62	\$ 0.0870	226	\$ 19.62	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	59	\$ 7.79	\$ 0.1320	59	\$ 7.79	\$ -	0.00%
TOU - On Peak	\$ 0.1800	62	\$ 11.24	\$ 0.1800	62	\$ 11.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 66.60			\$ 67.30	\$ 0.71	1.06%
HST	13%		\$ 8.66	13%		\$ 8.75	\$ 0.09	1.06%
Total Bill on TOU			\$ 75.25			\$ 76.05	\$ 0.80	1.06%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0341	
Proposed/Approved Loss Factor	1.0341	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 14.32	1	\$ 14.32	\$ 17.67	1	\$ 17.67	\$ 3.35	23.39%
Distribution Volumetric Rate	\$ 0.0118	750	\$ 8.85	\$ 0.0080	750	\$ 6.00	\$ (2.85)	-32.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0005	750	\$ 0.38	\$ 0.0006	750	\$ 0.45	\$ 0.08	20.00%
Sub-Total A (excluding pass through)			\$ 23.55			\$ 24.12	\$ 0.57	2.44%
Line Losses on Cost of Power	\$ 0.1130	26	\$ 2.89	\$ 0.1130	26	\$ 2.89	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	750	\$ -	-\$ 0.0035	750	\$ (2.63)	\$ (2.63)	-
GA Rate Riders				\$ 0.0049	750	\$ 3.68	\$ 3.68	-
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)			\$ 27.22			\$ 28.85	\$ 1.63	5.97%
RTSR - Network	\$ 0.0078	776	\$ 6.05	\$ 0.0074	776	\$ 5.74	\$ (0.31)	-5.13%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0057	776	\$ 4.42	\$ 0.0057	776	\$ 4.42	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 37.70			\$ 39.01	\$ 1.31	3.49%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	776	\$ 2.79	\$ 0.0036	776	\$ 2.79	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	776	\$ 1.01	\$ 0.0013	776	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge								-
Debt Retirement Charge (DRC)								-
Ontario Electricity Support Program (OESP)	\$ 0.0011	776	\$ 0.85	\$ 0.0011	776	\$ 0.85	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 127.10			\$ 128.41	\$ 1.31	1.03%
HST	13%		\$ 16.52	13%		\$ 16.69	\$ 0.17	1.03%
Total Bill on Non-RPP Avg. Price			\$ 143.62			\$ 145.11	\$ 1.49	1.03%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	150	kWh	
Demand	-	kW	
Current Loss Factor	1.0341		
Proposed/Approved Loss Factor	1.0341		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.07	1	\$ 1.07	\$ 1.09	1	\$ 1.09	\$ 0.02	1.87%
Distribution Volumetric Rate	\$ 0.0195	150	\$ 2.93	\$ 0.0199	150	\$ 2.99	\$ 0.06	2.05%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ 0.0005	150	\$ 0.08	\$ 0.0002	150	\$ 0.03	\$ (0.05)	-60.00%
Sub-Total A (excluding pass through)			\$ 4.07			\$ 4.11	\$ 0.04	0.86%
Line Losses on Cost of Power	\$ 0.1114	5	\$ 0.57	\$ 0.1114	5	\$ 0.57	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ -	150	\$ -	\$ 0.0034	150	\$ (0.51)	\$ (0.51)	
GA Rate Riders				\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ -	150	\$ -		150	\$ -	\$ -	
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 4.64			\$ 4.16	\$ (0.48)	-10.24%
RTSR - Network	\$ 0.0069	155	\$ 1.07	\$ 0.0066	155	\$ 1.02	\$ (0.05)	-4.35%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0048	155	\$ 0.74	\$ 0.0048	155	\$ 0.74	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 6.45			\$ 5.93	\$ (0.52)	-8.08%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	155	\$ 0.56	\$ 0.0036	155	\$ 0.56	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	155	\$ 0.20	\$ 0.0013	155	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	155	\$ 0.17	\$ 0.0011	155	\$ 0.17	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	98	\$ 8.48	\$ 0.0870	98	\$ 8.48	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	26	\$ 3.37	\$ 0.1320	26	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1800	27	\$ 4.86	\$ 0.1800	27	\$ 4.86	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 25.39			\$ 24.87	\$ (0.52)	-2.05%
HST	13%		\$ 3.30	13%		\$ 3.23	\$ (0.07)	-2.05%
Total Bill on TOU			\$ 28.69			\$ 28.11	\$ (0.59)	-2.05%

EXHIBIT 4: MODELS

TAB 2 (of 3)

**2017 REVENUE TO COST RATIO ADJUSTMENT WORK
FORM**



Revenue to Cost Ratio Adjustment Model for 2017 IRM Filers

Utility Name Hydro One Brampton Networks Inc.

Service Territory Name

Assigned EB Number EB-2016-0080

Name and Title Dan Gapic, Regulatory Affairs Manager

Phone Number 905-452-5517

Email Address dgapic@hydroonebrampton.com

Date 15/08/2016

Last COS Re-based Year 2015

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

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



Revenue to Cost Ratio Adjustment Model for 2017 IRM Filers

- | | |
|-------------------------------|------------------------------|
| 1. Info | 8. Transformer Allowance |
| 2. Table of Contents | 9. R C Ratio Revenue |
| 3. Re-Based Bill Det & Rates | 10. Proposed R C Ratio Adj |
| 4. Removal of Rate Adders | 11. Proposed Revenue |
| 5. Re-Based Rev From Rates | 12. Proposed F V Rev Alloc |
| 6. Decision Cost Revenue Adj | 13. Proposed F V Rates |
| 7. Revenue Offsets Allocation | 14. Adjust To Proposed Rates |



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your most current Tariff of rates and charges.

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed	Re-based Billed kWh B	Re-based Billed kW C	Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
				Customers or Connections A					
RES	Residential	Customer	kWh	140,979	1,308,264,983		14.32	0.0118	
GSLT50	General Service Less Than 50 kW	Customer	kWh	8,989	354,668,870		24.77	0.0164	
GSGT50	General Service 50 to 699 kW	Customer	kW	1,491	1,064,497,599	2,979,826	123.36		2.7940
GSGT50	General Service 700 to 4,999 kW	Customer	kW	115	806,154,180	1,969,146	1,113.03		3.2434
LU	Large Use	Customer	kW	6	382,619,513	719,987	4,631.56		2.4556
USL	Unmetered Scattered Load	Connection	kWh	1,562	5,931,733		1.07	0.0195	
SL	Street Lighting	Connection	kW	22,335	33,306,955	100,672	2.26		11.3571
EMB	Embedded Distributor	Connection	kW	1	17,012,414	40,073	4,094.31		0.0000
SB	Stand-By	Connection	kW	1	0	54,580	0.00		1.6516
SB	Distributed Generation	Connection	kW	68	178,816	0	82.75		0.0000
GSGT50	Energy from Waste	Customer	kW	1	0	0	62.10		0.0000
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

The purpose of this sheet is to remove any rate adders included in current rates. Most applicants will not need to make an entry on this sheet.

Rate Class	Current Tariff Service Charge A	Current Tariff Distribution Volumetric Rate kWh B	Current Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Distribution Volumetric kWh Rate Adders E	Distribution Volumetric kW Rate Adders F	Base Service Charge H = A - D	Base Distribution Volumetric Rate kWh I = B - E	Base Distribution Volumetric Rate kW J = C - F
Residential	14.32	0.0118	0.0000	0.00	0.0000	0.0000	14.32	0.0118	0.0000
General Service Less Than 50 kW	24.77	0.0164	0.0000	0.00	0.0000	0.0000	24.77	0.0164	0.0000
General Service 50 to 699 kW	123.36	0.0000	2.7940	0.00	0.0000	0.0000	123.36	0.0000	2.7940
General Service 700 to 4,999 kW	1,113.03	0.0000	3.2434	0.00	0.0000	0.0000	1,113.03	0.0000	3.2434
Large Use	4,631.56	0.0000	2.4556	0.00	0.0000	0.0000	4,631.56	0.0000	2.4556
Unmetered Scattered Load	1.07	0.0195	0.0000	0.00	0.0000	0.0000	1.07	0.0195	0.0000
Street Lighting	2.26	0.0000	11.3571	0.00	0.0000	0.0000	2.26	0.0000	11.3571
Embedded Distributor	4,094.31	0.0000	0.0000	0.00	0.0000	0.0000	4,094.31	0.0000	0.0000
Stand-By	0.00	0.0000	1.6516	0.00	0.0000	0.0000	0.00	0.0000	1.6516
Distributed Generation	82.75	0.0000	0.0000	0.00	0.0000	0.0000	82.75	0.0000	0.0000
Energy from Waste	62.10	0.0000	0.0000	0.00	0.0000	0.0000	62.10	0.0000	0.0000



Revenue to Cost Ratio Adjustment Model

for 2016 IRM Filers

The purpose of this sheet is to calculate current revenue from rate classes.

Rate Class	Re-based Billed Customers			Current Base Service Charge	Current Base Distribution Volumetric Rate kWh	Current Base Distribution Volumetric Rate kW	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requiremen t from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue	
	or	Re-based	Re-based											
	Connections	Billed kWh	Billed kW	Charge	Rate kWh	Rate kW	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	
	A	B	C	D	E	F	G = A * D *12	H = B * E	I = C * F	J = G + H + I	K = G / J	L = H / J	M = I / J	N = J / R
Residential	140,979	1,308,264,983	0	14.32	0.0118	0.0000	24,225,863	15,437,527	0	39,663,389	61.1%	38.9%	0.0%	56.0%
General Service Less Than 50 kW	8,989	354,668,870	0	24.77	0.0164	0.0000	2,671,890	5,816,569	0	8,488,460	31.5%	68.5%	0.0%	12.0%
General Service 50 to 699 kW	1,491	1,064,497,599	2,979,826	123.36	0.0000	2.7940	2,206,749	0	8,325,634	10,532,383	21.0%	0.0%	79.0%	14.9%
General Service 700 to 4,999 kW	115	806,154,180	1,969,146	1,113.03	0.0000	3.2434	1,530,858	0	6,386,728	7,917,586	19.3%	0.0%	80.7%	11.2%
Large Use	6	382,619,513	719,987	4,631.56	0.0000	2.4556	333,472	0	1,768,000	2,101,472	15.9%	0.0%	84.1%	3.0%
Unmetered Scattered Load	1,562	5,931,733	0	1.07	0.0195	0.0000	20,052	115,669	0	135,721	14.8%	85.2%	0.0%	0.2%
Street Lighting	22,335	33,306,955	100,672	2.26	0.0000	11.3571	605,713	0	1,143,342	1,749,055	34.6%	0.0%	65.4%	2.5%
Embedded Distributor	1	17,012,414	40,073	4,094.31	0.0000	0.0000	49,132	0	0	49,132	100.0%	0.0%	0.0%	0.1%
Stand-By	1	0	54,580	0.00	0.0000	1.6516	0	0	90,144	90,144	0.0%	0.0%	100.0%	0.1%
Distributed Generation	68	178,816	0	82.75	0.0000	0.0000	67,524	0	0	67,524	100.0%	0.0%	0.0%	0.1%
Energy from Waste	1	0	0	62.10	0.0000	0.0000	745	0	0	745	100.0%	0.0%	0.0%	0.0%
							31,711,999	21,369,765	17,713,848	70,795,613				100.0%
							O	P	Q	R				



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

The purpose of this sheet is to enter the Revenue Cost Ratios as determined from column G on Sheet "10. Proposed R C Ratio Adj" of the applicant's 2014 Revenue to Cost Ratio Adjustment Workform (V2.0) or latest COS Decision and Order.

Under the column labeled "Direction", the applicant can choose "No Change" (i.e: no change in that rate class ratio), "Change" (i.e: Board ordered change from COS decision) or "Rebalance" (i.e: to apply any offset adjustments required).

Rate Class	Direction	Current Year 2015	Transition Year 1 2016	Transition Year 2 2017	Transition Year 3 2018	Transition Year 4 2019	Transition Year 5 2020
Residential	No Change	95.65%	95.65%	95.65%	95.65%	95.65%	95.65%
General Service Less Than 50 kW	Rebalance	120.00%	tbd	tbd	tbd	tbd	tbd
General Service 50 to 699 kW	No Change	95.65%	95.65%	95.65%	95.65%	95.65%	95.65%
General Service 700 to 4,999 kW	No Change	120.00%	120.00%	120.00%	120.00%	120.00%	120.00%
Large Use	No Change	95.65%	95.65%	95.65%	95.65%	95.65%	95.65%
Unmetered Scattered Load	No Change	95.65%	95.65%	95.65%	95.65%	95.65%	95.65%
Street Lighting	No Change	95.65%	95.65%	95.65%	95.65%	95.65%	95.65%
Embedded Distributor	No Change	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Stand-By	No Change	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Distributed Generation	Change	70.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Energy from Waste	No Change	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



Ontario Energy Board

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Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue, cell F47) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing	Percentage Split	Allocated Revenue
	Revenue Offsets A		Offsets E = D * C
Residential	3,052,540	73.97%	3,052,540
General Service Less Than 50 kW	349,180	8.46%	349,180
General Service 50 to 699 kW	470,625	11.40%	470,625
General Service 700 to 4,999 kW	122,824	2.98%	122,824
Large Use	33,555	0.81%	33,555
Unmetered Scattered Load	7,034	0.17%	7,034
Street Lighting	83,584	2.03%	83,584
Embedded Distributor	120	0.00%	120
Stand-By	0	0.00%	-
Distributed Generation	7,027	0.17%	7,027
Energy from Waste	100	0.00%	100
	4,126,589	100.00%	4,126,589
	B		D



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

The purpose of this sheet is to remove the transformer allowance from volumetric rates. In Cell E47, enter your Transformer Allowance as per your 2014 Revenue to Cost Ratio Adjustment Workform (V2.0) or your last CoS Decision. Under the column labeled "Transformer Allowance in Rates" select "Yes" if included in that rate class or "No" if not included. Once selected, apply the update button to reveal input cells in which you can enter the number of kW's and the transformer rate for each rate class.

Rate Class	Transformer Allowance In Rate	Transformer Allowance A	Transformer Allowance kW's C	Transformer Allowance Rate E	Volumetric Distribution Rate F	Billed kW's G	Adjusted Volumetric Distribution Rate $I = (F * (G - C) + (F - E) * C) / G$
Residential	No						
General Service Less Than 50 kW	Yes	1,186	370,521	0.0032	0.0164	354,668,870	0.0164
General Service 50 to 699 kW	Yes	165,095	241,367	0.6840	2.7940	2,979,826	2.7386
General Service 700 to 4,999 kW	Yes	1,350,758	1,586,328	0.8515	3.2434	1,969,146	2.5574
Large Use	No						
Unmetered Scattered Load	No						
Street Lighting	No						
Embedded Distributor	No						
Stand-By	No						
Distributed Generation		-	-	-	-	-	-
Energy from Waste		-	-	-	-	-	-
		1,517,039	2,198,216			359,617,842	
		B	D			H	



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

The purpose of this sheet is to calculate revenue by rate class that includes Revenue Offsets and excludes Transformer Allowance prior to Revenue Cost Ratio Adjustment re-allocation.

Rate Class	Billed Customers or Connections			Base			Base			Distribution Volumetric	Distribution Volumetric	Revenue Requirement	Allocated Revenue	Adjusted Revenue
	A	Billed kWh	Billed kW	Base Service Charge	Base Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Service Charge	Rate kWh	Rate kW	from Rates	Revenue Offset	Adjusted Revenue		
							G = A * D *12	H = B * E	I = C * F	J = G + H + I		L = J + K		
Residential	140,979	1,308,264,983	0	0	14.32	0.0118	0.0000	24,225,863	15,437,527	0	39,663,389	3,052,540	42,715,929	
General Service Less Than 50 kW	8,989	354,668,870	0	0	24.77	0.0164	0.0000	2,671,890	5,815,383	0	8,487,274	349,180	8,836,454	
General Service 50 to 699 kW	1,491	1,064,497,599	2,979,826	0	123.36	0.0000	2.7386	2,206,749	0	8,160,539	10,367,288	470,625	10,837,913	
General Service 700 to 4,999 kW	115	806,154,180	1,969,146	0	1,113.03	0.0000	2.5574	1,530,858	0	5,035,970	6,566,828	122,824	6,689,652	
Large Use	6	382,619,513	719,987	0	4,631.56	0.0000	2.4556	333,472	0	1,768,000	2,101,472	33,555	2,135,027	
Unmetered Scattered Load	1,562	5,931,733	0	0	1.07	0.0195	0.0000	20,052	115,669	0	135,721	7,034	142,755	
Street Lighting	22,335	33,306,955	100,672	0	2.26	0.0000	11.3571	605,713	0	1,143,342	1,749,055	83,584	1,832,639	
Embedded Distributor	1	17,012,414	40,073	0	4,094.31	0.0000	0.0000	49,132	0	0	49,132	120	49,252	
Stand-By	1	0	54,580	0	0.00	0.0000	1.6516	0	0	90,144	90,144	0	90,144	
Distributed Generation	68	178,816	0	0	82.75	0.0000	0.0000	67,524	0	0	67,524	7,027	74,551	
Energy from Waste	1	0	0	0	62.10	0.0000	0.0000	745	0	0	745	100	845	
							31,711,999	21,368,579	16,197,995	69,278,574	4,126,589	73,405,163		
							O	P	Q	R				



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

Proposed Revenue Cost Ratio Adjustment

Rate Class	Current Revenue		Re-Allocated Cost	Proposed Revenue		Final Adjusted Revenue	Dollar Change	Percentage Change
	Adjusted Revenue A	Cost Ratio B		Cost Ratio D	Revenue E = C * D			
			C = A / B				F = E - C	G = (E / C) - 1
Residential	\$ 42,715,929	0.96	\$ 44,658,578	0.96	\$ 42,715,929	-\$	0	0.0%
General Service Less Than 50 kW	\$ 8,836,454	1.20	\$ 7,363,712	1.20	\$ 8,820,479	-\$	15,975	-0.2%
General Service 50 to 699 kW	\$ 10,837,913	0.96	\$ 11,330,803	0.96	\$ 10,837,913	-\$	0	0.0%
General Service 700 to 4,999 kW	\$ 6,689,652	1.20	\$ 5,574,710	1.20	\$ 6,689,652	\$	0	0.0%
Large Use	\$ 2,135,027	0.96	\$ 2,232,125	0.96	\$ 2,135,027	-\$	0	0.0%
Unmetered Scattered Load	\$ 142,755	0.96	\$ 149,248	0.96	\$ 142,755	-\$	0	0.0%
Street Lighting	\$ 1,832,639	0.96	\$ 1,915,985	0.96	\$ 1,832,639	-\$	0	0.0%
Embedded Distributor	\$ 49,252	1.00	\$ 49,252	1.00	\$ 49,252	\$	-	0.0%
Stand-By	\$ 90,144	1.00	\$ 90,144	1.00	\$ 90,144	\$	-	0.0%
Distributed Generation	\$ 74,551	0.70	\$ 106,501	0.85	\$ 90,526	\$	15,975	21.4%
Energy from Waste	\$ 845	1.00	\$ 845	1.00	\$ 845	\$	-	0.0%
	<u>\$ 73,405,163</u>		<u>\$ 73,471,902</u>		<u>\$ 73,405,163</u>	<u>\$</u>	<u>0</u>	<u>0.0%</u>

Out of Balance -

Final ? Yes



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

Proposed Revenue from Revenue Cost Ratio Adjustment

Rate Class	Adjusted Revenue By Revenue Cost Ratio A	Allocated Re- Based Revenue Offsets B	Revenue Requirement from Rates Before Transformer Allowance C = A - B	Re-based Transformer Allowance D	Revenue Requirement from Rates E = C + D
Residential	\$ 42,715,929	\$ 3,052,540	\$ 39,663,389	\$ -	\$ 39,663,389
General Service Less Than 50 kW	\$ 8,820,479	\$ 349,180	\$ 8,471,299	\$ 1,186	\$ 8,472,485
General Service 50 to 699 kW	\$ 10,837,913	\$ 470,625	\$ 10,367,288	\$ 165,095	\$ 10,532,383
General Service 700 to 4,999 kW	\$ 6,689,652	\$ 122,824	\$ 6,566,828	\$ 1,350,758	\$ 7,917,586
Large Use	\$ 2,135,027	\$ 33,555	\$ 2,101,472	\$ -	\$ 2,101,472
Unmetered Scattered Load	\$ 142,755	\$ 7,034	\$ 135,721	\$ -	\$ 135,721
Street Lighting	\$ 1,832,639	\$ 83,584	\$ 1,749,055	\$ -	\$ 1,749,055
Embedded Distributor	\$ 49,252	\$ 120	\$ 49,132	\$ -	\$ 49,132
Stand-By	\$ 90,144	\$ -	\$ 90,144	\$ -	\$ 90,144
Distributed Generation	\$ 90,526	\$ 7,027	\$ 83,499	\$ -	\$ 83,499
Energy from Waste	\$ 845	\$ 100	\$ 745	\$ -	\$ 745
	\$ 73,405,163	\$ 4,126,589	\$ 69,278,574	\$ 1,517,039	\$ 70,795,613



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

Proposed fixed and variable revenue allocation

Rate Class	Revenue	Service Charge % Revenue	Distribution	Distribution	Service Charge Revenue	Distribution	Distribution	Revenue Requirement from Rates by Rate Class
	Requirement from		Volumetric Rate %	Volumetric Rate %		Volumetric Rate	Volumetric Rate	
	Rates		Revenue	Revenue		Revenue	Revenue	
	A	B	C	D	E = A * B	F = A * C	G = A * D	H = E + F + G
Residential	\$ 39,663,389	61.1%	38.9%	0.0%	\$ 24,225,862	\$ 15,437,527	\$ -	\$ 39,663,389
General Service Less Than 50 kW	\$ 8,472,485	31.5%	68.5%	0.0%	\$ 2,666,862	\$ 5,805,623	\$ -	\$ 8,472,485
General Service 50 to 699 kW	\$ 10,532,383	21.0%	0.0%	79.0%	\$ 2,206,749	\$ -	\$ 8,325,634	\$ 10,532,383
General Service 700 to 4,999 kW	\$ 7,917,586	19.3%	0.0%	80.7%	\$ 1,530,858	\$ -	\$ 6,386,728	\$ 7,917,586
Large Use	\$ 2,101,472	15.9%	0.0%	84.1%	\$ 333,472	\$ -	\$ 1,768,000	\$ 2,101,472
Unmetered Scattered Load	\$ 135,721	14.8%	85.2%	0.0%	\$ 20,052	\$ 115,669	\$ -	\$ 135,721
Street Lighting	\$ 1,749,055	34.6%	0.0%	65.4%	\$ 605,713	\$ -	\$ 1,143,342	\$ 1,749,055
Embedded Distributor	\$ 49,132	100.0%	0.0%	0.0%	\$ 49,132	\$ -	\$ -	\$ 49,132
Stand-By	\$ 90,144	0.0%	0.0%	100.0%	\$ -	\$ -	\$ 90,144	\$ 90,144
Distributed Generation	\$ 83,499	100.0%	0.0%	0.0%	\$ 83,499	\$ -	\$ -	\$ 83,499
Energy from Waste	\$ 745	100.0%	0.0%	0.0%	\$ 745	\$ -	\$ -	\$ 745
	<u>\$ 70,795,613</u>				<u>\$ 31,722,946</u>	<u>\$ 21,358,818</u>	<u>\$ 17,713,848</u>	<u>\$ 70,795,613</u>



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

Proposed fixed and variable rates

Rate Class	Service Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	Distribution Volumetric Rate Revenue kW C	Re-based Billed Customers or Connections D	Re-based Billed kWh E	Re-based Billed kW F	Proposed Base Service Charge G = A / D / 12	Proposed Base Distribution Volumetric Rate kWh H = B / E	Proposed Base Distribution Volumetric Rate kW I = C / F
Residential	\$ 24,225,862	\$ 15,437,527	\$ -	140,979	1,308,264,983	0	14.32	0.0118	-
General Service Less Than 50 kW	\$ 2,666,862	\$ 5,805,623	\$ -	8,989	354,668,870	0	24.72	0.0164	-
General Service 50 to 699 kW	\$ 2,206,749	\$ -	\$ 8,325,634	1,491	1,064,497,599	2,979,826	123.36	-	2.7940
General Service 700 to 4,999 kW	\$ 1,530,858	\$ -	\$ 6,386,728	115	806,154,180	1,969,146	1,113.03	-	3.2434
Large Use	\$ 333,472	\$ -	\$ 1,768,000	6	382,619,513	719,987	4,631.56	-	2.4556
Unmetered Scattered Load	\$ 20,052	\$ 115,669	\$ -	1,562	5,931,733	0	1.07	0.0195	-
Street Lighting	\$ 605,713	\$ -	\$ 1,143,342	22,335	33,306,955	100,672	2.26	-	11.3571
Embedded Distributor	\$ 49,132	\$ -	\$ -	1	17,012,414	40,073	4,094.31	-	-
Stand-By	\$ -	\$ -	\$ 90,144	1	0	54,580	-	-	1.6516
Distributed Generation	\$ 83,499	\$ -	\$ -	68	178,816	0	102.33	-	-
Energy from Waste	\$ 745	\$ -	\$ -	1	0	0	62.10	-	-



Revenue to Cost Ratio Adjustment Model for 2016 IRM Filers

Proposed adjustments to Base Service Charge and Distribution Volumetric Rate. Enter the adjustments found in column M and N below into Sheet 24 of the 2015 IRM Rate Generator Model.

Rate Class	Proposed Base			Current Base			Adjustment		
	Proposed Base Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Current Base Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Adjustment Required Base Service Charge	Adjustment Required Base Distribution Volumetric Rate kWh	Adjustment Required Base Distribution Volumetric Rate kW
		Rate kWh	Rate kW		Rate kWh	Rate kW			
	A	B	C	D	E	F	G = A - D	H = B - E	I = C - F
Residential	\$ 14.32	\$ 0.0118	\$ -	\$ 14.32	\$ 0.0118	\$ -	\$ -	\$ -	\$ -
General Service Less Than 50 kW	\$ 24.72	\$ 0.0164	\$ -	\$ 24.77	\$ 0.0164	\$ -	-\$ 0.05	-\$ 0.0000	\$ -
General Service 50 to 699 kW	\$ 123.36	\$ -	\$ 2.7940	\$ 123.36	\$ -	\$ 2.7940	\$ -	\$ -	\$ -
General Service 700 to 4,999 kW	\$ 1,113.03	\$ -	\$ 3.2434	\$ 1,113.03	\$ -	\$ 3.2434	\$ -	\$ -	\$ -
Large Use	\$ 4,631.56	\$ -	\$ 2.4556	\$ 4,631.56	\$ -	\$ 2.4556	\$ -	\$ -	\$ -
Unmetered Scattered Load	\$ 1.07	\$ 0.0195	\$ -	\$ 1.07	\$ 0.0195	\$ -	\$ -	\$ -	\$ -
Street Lighting	\$ 2.26	\$ -	\$ 11.3571	\$ 2.26	\$ -	\$ 11.3571	\$ -	\$ -	\$ -
Embedded Distributor	\$ 4,094.31	\$ -	\$ -	\$ 4,094.31	\$ -	\$ -	\$ -	\$ -	\$ -
Stand-By	\$ -	\$ -	\$ 1.6516	\$ -	\$ -	\$ 1.6516	\$ -	\$ -	\$ -
Distributed Generation	\$ 102.33	\$ -	\$ -	\$ 82.75	\$ -	\$ -	\$ 19.58	\$ -	\$ -
Energy from Waste	\$ 62.10	\$ -	\$ -	\$ 62.10	\$ -	\$ -	\$ -	\$ -	\$ -

EXHIBIT 4: MODELS

TAB 3 (of 3)

LRAMVA WORK FORM-VERSION 1.0 (2017)



Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 1.0 (2017)

Generic LRAMVA Work Forms

File Name	Description
1. LRAMVA Summary	Table 1 provides a summary of the LRAMVA balances and carrying charges associated with the LRAMVA claim. The balances are populated from entries into other 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 persistence factors.
7. Carrying Charges	Tables 19 and 20 includes the carrying charges related to the LRAMVA claim that is being made.

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

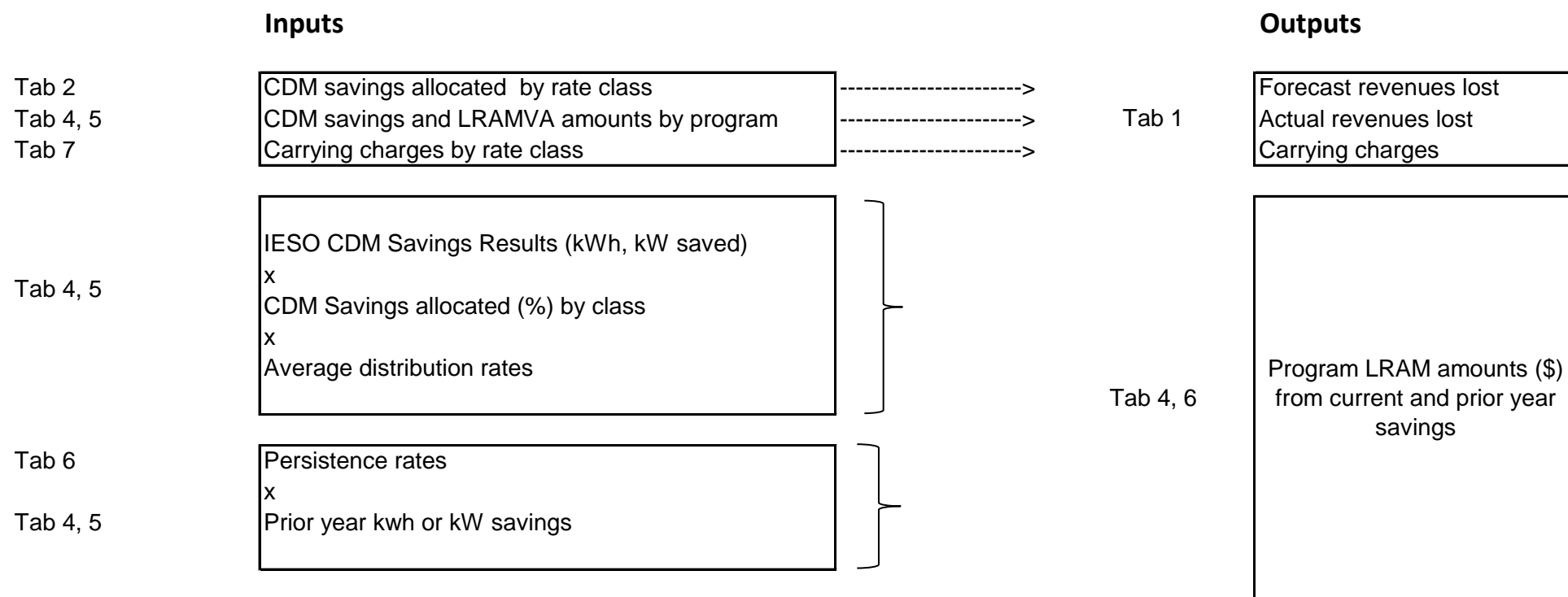
While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data



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.





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-2016-0080	Amount of LRAM claimed in the past	\$ 2,898,038.00
Exhibit	4	Years of LRAM Claimed	2006-2012
Schedule		Last Cost of Service Application (File No.)	EB-2014-0083
Tab	3		
Page			
Legend	User Inputs (Green)	Amount of LRAMVA to claim	\$902,321.33
	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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
2011 Forecast									
2011 Actuals									
Amount Cleared									
2012 Forecast									
2012 Actuals									
Amount Cleared									
2013 Forecast	(\$36,366.52)	(\$6,799.89)	(\$30,130.29)	(\$49,757.37)	(\$17,937.55)	(\$691.49)	\$1,879.02		(\$139,804.09)
2013 Actuals	\$33,858.40	\$77,840.44	\$97,386.12	\$58,878.05	\$13,049.57				\$281,012.58
Amount Cleared									
2014 Forecast	(\$36,868.13)	(\$6,885.96)	(\$30,552.48)	(\$50,453.82)	(\$18,188.45)	(\$699.44)	\$1,905.32		(\$141,742.95)
2014 Actuals	\$128,587.40	\$152,942.14	\$145,569.95	\$68,129.80	\$24,170.31				\$519,399.60
Amount Cleared									
2015 Forecast	(\$193,533.08)	(\$23,324.46)	(\$177,098.06)	(\$112,284.54)					(\$506,240.13)
2015 Actuals	\$265,784.48	\$270,071.64	\$215,117.21	\$89,309.36	\$26,141.32				\$866,424.00
Amount Cleared									
Carrying Charges	\$3,773.96	\$11,461.18	\$7,008.16	\$558.60	\$381.96	(\$51.42)	\$139.87		\$23,272.32
Total LRAMVA Balance	\$165,236.51	\$475,305.10	\$227,300.62	\$4,380.09	\$27,617.16	(\$1,442.36)	\$3,924.21		\$902,321.33



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.
An example template is provided below and can be filled in if it is applicable to the LDC. The LDC may re-populate CDM savings by rate class for historical years based on past year's approved cost of service application, or relevant information from **Appendix 2-I**.
Alternatively, 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** below.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 2. Amount used for CDM Threshold for LRAMVA See Table 2a and Table 2b on Tab 2a

Forecast Year	kWh	kW	kWh (check)
2011			
2012			
2013			
2014			
2015			
2016			
2017			

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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power
	kWh	kWh	kW	kW	kW	kWh	kW	
2011	2,508,036	430,373	12,202	14,662	8,253	39,741	-218	
2012	2,508,036	430,373	12,202	14,662	8,253	39,741	-218	
2013	2,508,036	430,373	12,202	14,662	8,253	39,741	-218	
2014	2,508,036	430,373	12,202	14,662	8,253	39,741	-218	
2015	12,486,005	1,448,724	64,526	35,242				
2016	12,486,005	1,448,724	64,526	35,242				

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

2011	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									-
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kWh to kW Ratio									

2012	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kWh to kW Ratio									

2013	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kWh to kW Ratio									

2014	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kWh to kW Ratio									

2015	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!
kWh to kW Ratio									

2016	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!
kWh to kW Ratio									

2017	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Other	Total
kWh									
Weather Normal Billed kWh (Insert Year)									
% of Billed	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
CDM Allocation	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
Adjusted Billed kWh with CDM Applied	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
kW									
Weather Normal Billed kW (Insert Year)									
CDM kW Reduction			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!
Adjusted Billed kWh with CDM Applied			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!
kWh to kW Ratio									

Note: Actual CDM Threshold and Allocation values were used in Tables 2a and 2b on Tab 2a, 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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
2011									
2012									
2013	\$36,367	\$6,800	\$30,130	\$49,757	\$17,938	\$691	-\$1,879		\$139,804
2014	\$36,868	\$6,886	\$30,552	\$50,454	\$18,188	\$699	-\$1,905		\$141,743
2015	\$193,533	\$23,324	\$177,098	\$112,285					\$506,240
2016									

Forecasted impact of CDM in the load forecast

Table 2a. LRAMVA Thresholds 2011

	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load kWh	Street Lighting	Total
	kWh	kWh	kW	kW	kW		kW	
kWh	2,508,036	430,373	4,452,202	6,492,244	4,535,457	39,741	(73,155)	18,384,897
kW	-	-	12,202	14,662	8,253	-	(218)	34,900

Source: Consistent with EB-2014-0083 Draft Rate Order Filed: December 23, 2014 & Updated: January 12, 2015,
Appendix G-Account 1568-LRAMVA - Updated Tables: Table 2 & Table 4 - Table 10

Table 2b. LRAMVA Thresholds 2015

	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load kWh	Street Lighting	Total
	kWh	kWh	kW	kW	kW		kW	
kWh	12,486,005	1,448,724	23,836,892	15,954,758	-	-	-	53,726,379
kW	-	-	64,526	35,242	-	-	-	99,768

Source: EB-2014-0083 settlement agreement that forms part of the decision dated 2014-12-18, p.48 of 49



Ontario Energy Board

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-2012-0135	EB-2013-0140	EB-2014-0083	EB-2015-0078	
Rate Class	Billing Unit	Jan 1 - Dec 31	Jan 1 - Dec 31	Jan 1 - Dec 31	Jan 1 - Dec 31	Jan 1 - Dec 31	Jan 1 - Dec 31	Jan 1 - Dec 31	update
<i>Rate Year</i>		<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>
<i>Pro-ratio of Rates (months) - Period 1</i>		<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	
<i>Pro-ratio of Rates (months) - Period 2</i>		<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>
Residential	kWh	\$ -	\$ -	\$ -	\$ 0.0145	\$ 0.0147	\$ 0.0155	\$ -	
GS < 50 kW	kWh	\$ -	\$ -	\$ -	\$ 0.0158	\$ 0.0160	\$ 0.0161	\$ -	
GS 50 to 699 kW	kW	\$ -	\$ -	\$ -	\$ 2.4693	\$ 2.5039	\$ 2.7446	\$ -	
GS 700 to 4,999 kW	kW	\$ -	\$ -	\$ -	\$ 3.3936	\$ 3.4411	\$ 3.1861	\$ -	
Large Use	kW	\$ -	\$ -	\$ -	\$ 2.1734	\$ 2.2038	\$ 2.4122	\$ -	
Unmetered Scattered Load	kWh	\$ -	\$ -	\$ -	\$ 0.0174	\$ 0.0176	\$ 0.0192	\$ -	
Street Lighting	kW	\$ -	\$ -	\$ -	\$ 8.6298	\$ 8.7506	\$ 11.1563	\$ -	
Standby Power									

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			\$ 0.0145	\$ 0.0147	\$ 0.0155	\$ -	\$ -
GS < 50 kW	kWh			\$ 0.0158	\$ 0.0160	\$ 0.0161	\$ -	\$ -
GS 50 to 699 kW	kW			\$ 2.4693	\$ 2.5039	\$ 2.7446	\$ -	\$ -
GS 700 to 4,999 kW	kW			\$ 3.3936	\$ 3.4411	\$ 3.1861	\$ -	\$ -
Large Use	kW			\$ 2.1734	\$ 2.2038	\$ 2.4122	\$ -	\$ -
Unmetered Scattered Load	kWh			\$ 0.0174	\$ 0.0176	\$ 0.0192	\$ -	\$ -
Street Lighting	kW			\$ 8.6298	\$ 8.7506	\$ 11.1563	\$ -	\$ -
Standby Power				\$ -	\$ -	\$ -	\$ -	\$ -

Note:

2011-2012 rates removed, as 2011-2012 LRAMVA was disposed in HOBNI's 2015 COS rate case.



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 supported 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

2011

#	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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
Consumer Program														
1	Appliance Retirement	Verified	12	49	355,028	100%								100%
2	Appliance Exchange	Verified	12	4	5,189	100%								100%
3	HVAC Incentives	Verified	12	1,131	2,057,629	100%								100%
4	Conservation Instant Coupon Booklet	Verified	12	38	644,009	100%								100%
5	Bi-Annual Retailer Event	Verified	12	47	828,145	100%								100%
6	Retailer Co-op	Verified	12			100%								100%
7	Residential Demand Response	Verified				100%								100%
8	Residential New Construction	Verified	12			100%								100%
Adjustments to 2011 results (if any)		True-up	12	-218	-333,227	100%								
Business Program														
9	Retrofit	Verified	12	473	2,302,032			55%	40%	5%				100%
10	Direct Install Lighting	Verified	12				100%							100%
11	Building Commissioning	Verified	3											
12	New Construction	Verified	12					100%						100%
13	Energy Audit	Verified	12					50%	50%					100%
14	Commercial Demand Response (part of residential program)	Verified												
15	Demand Response 3	Verified		58	2,251									
Adjustments to 2011 results (if any)		True-up	12	326	1,088,334			55%	41%	5%				
Industrial Program														
16	Process & System Upgrades	Verified	12											
17	Monitoring & Targeting	Verified	12											
18	Energy Manager	Verified	12											
19	Retrofit	Verified	12	190	1,185,812			60%	40%					100%
20	Demand Response 3	Verified		2,276	133,616									
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		0									
Pre-2011 Programs completed in 2011														
22	Electricity Retrofit Incentive Program	Verified	12	890	5,001,908			60%	40%					100%
23	High Performance New Construction	Verified	12	111	571,295			100%						100%
24	Toronto Comprehensive	Verified	12											
25	Multifamily Energy Efficiency Rebates	Verified	12											
Adjustments to 2011 results (if any)		True-up	12	69	88,044			100%						
Total kWh						3,556,773								3,556,773
Total kWh (excludes DR)						3,556,773								
Total GS > 50 kW								15,198	9,056	463				24,717
Total GS > 50 kW (excludes Building Commissioning)								15,198	9,056					
Distribution Rate in 2011														
Lost Revenue in 2011														
2011 Savings Persisting in 2012														
2011 Savings Persisting in 2013														
2011 Savings Persisting in 2014														
2011 Savings Persisting in 2015														

Note: Persistence of 2011 load impact removed for 2015 on, as the 2011 CDM impact would be embedded in the load forecast base numbers in HOBNI's 2015 COS load forecast.

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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
Consumer Program														
1	Appliance Retirement	Verified	12	33	230,362	100%								100%
2	Appliance Exchange	Verified	12	5	8,106	100%								100%
3	HVAC Incentives	Verified	12	710	1,202,085	100%								100%
4	Conservation Instant Coupon Booklet	Verified	12	6	39,402	100%								100%
5	Bi-Annual Retailer Event	Verified	12	42	754,713	100%								100%
6	Retailer Co-op	Verified	12			100%								100%
7	Residential Demand Response (switch/pstat)	Verified		467	3,387	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	31	61,339	100%								
Business Program														
10	Retrofit	Verified	12	2,097	12,489,528			55%	40%	5%				100%
11	Direct Install Lighting	Verified	12				100%							100%
12	Building Commissioning	Verified	3											
13	New Construction	Verified	12					100%						100%
14	Energy Audit	Verified	12	16	75,529			50%	50%					100%
15	Small Commercial Demand Response (switch/pstat)*	Verified												
16	Small Commercial Demand Response (IHD)	Verified												
17	Demand Response 3	Verified		58	840									
	Adjustments to 2012 results (if any)	True-up	12	305	1,527,712			55%	40%	5%				
Industrial Program														
18	Process & System Upgrades	Verified	12											
19	Monitoring & Targeting	Verified	12											
20	Energy Manager	Verified	12											
21	Retrofit	Verified	12					60%	40%					100%
22	Demand Response 3	Verified		2,787	67,157									
	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	0	2,755	100%								
Pre-2011 Programs completed in 2011														
24	Electricity Retrofit Incentive Program	Verified	12					60%	40%					100%
25	High Performance New Construction	Verified	12	82	363,461			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											
Other														
29	Program Enabled Savings	Verified	12											
30	Time-of-Use Savings	Verified	12											
	Adjustments to 2012 results (if any)	True-up	12											
	Total kWh					2,302,150								2,302,150
	Total kWh (excludes DR)					2,298,763								
	Total GS > 50 kW							16,930	11,629	1,438				29,997
	Total GS > 50 kW (excludes Building Commissioning)							16,930	11,629					
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														
2012 Savings Persisting in 2014														
2012 Savings Persisting in 2015														

Note: Persistence of 2012 load impact removed for 2015 on, as the 2012 CDM impact would be embedded in the load forecast base numbers in HOBNI's 2015 COS load forecast.

Table 9. 2013 Lost Revenues Work Form

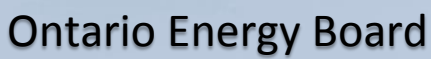
#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA								
				2013 kW Saved	2013 kWh Saved	Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
Consumer Program														
1	Appliance Retirement	Verified	12	23	150,148	100%								100%
2	Appliance Exchange	Verified	12	16	28,447	100%								100%
3	HVAC Incentives	Verified	12	806	1,367,674	100%								100%
4	Conservation Instant Coupon Booklet	Verified	12	15	217,201	100%								100%
5	Bi-Annual Retailer Event	Verified	12	33	484,132	100%								100%
6	Retailer Co-op	Verified	12			100%								100%
7	Residential Demand Response (switch/pstat)	Verified		516	495	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	49	86,966	100%								
Business Program														
10	Retrofit	Verified	12	2,351	15,912,521		6%	59%	20%	1%				86%
11	Direct Install Lighting	Verified	12	694	2,383,867		100%							100%
12	Building Commissioning	Verified	3											
13	New Construction	Verified	12	52	92,807		6%	88%						94%
14	Energy Audit	Verified	12	35	193,803			75%		25%				100%
15	Small Commercial Demand Response (switch/pstat)*	Verified					100%							100%
16	Small Commercial Demand Response (IHD)	Verified					100%							100%
17	Demand Response 3	Verified		59	783									
	Adjustments to 2013 results (if any)	True-up	12	3,067	25,411,874		6%	59%	20%	1%				
Industrial Program														
18	Process & System Upgrades	Verified	12						100%					100%
19	Monitoring & Targeting	Verified	12											
20	Energy Manager	Verified	12							100%				100%
21	Retrofit	Verified	12											
22	Demand Response 3	Verified		3,758	103,236									
	Adjustments to 2013 results (if any)	True-up	12	805	5,279,220				43%	57%				
Home Assistance Program														
23	Home Assistance Program	Verified	12			100%								100%
	Adjustments to 2013 results (if any)	True-up	12			100%								
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 2013 results (if any)	True-up	12											
Other														
29	Program Enabled Savings	Verified	12											
30	Time-of-Use Savings	Verified	12											
	Adjustments to 2013 results (if any)	True-up	12											
Total kWh						2,335,062	4,926,610							7,261,672
Total kWh (excludes DR)						2,334,567	4,926,610							
Total GS > 50 kW								39,439	17,350	6,004				62,793
Total GS > 50 kW (excludes Building Commissioning)								39,439	17,350					
Distribution Rate in 2013						\$0.0145	\$0.0158	\$2.4693	\$3.3936	\$2.1734	\$0.0174	\$8.6298		
Lost Revenue in 2013 from 2011 programs														
Lost Revenue in 2013 from 2012 programs														
Lost Revenue in 2013 from 2013 programs						\$33,858	\$77,840	\$97,386	\$58,878	\$13,050				\$281,013
Total Lost Revenue in 2013						\$33,858	\$77,840	\$97,386	\$58,878	\$13,050				\$281,013
2013 Savings Persisting in 2014						2,334,567	4,925,622	39,406	17,338	6,004				
2013 Savings Persisting in 2015						2,296,995	4,891,921	39,403	17,337	6,004				

2013

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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
Consumer Program														
1	Appliance Retirement	Verified	12	19	125,609	100%								100%
2	Appliance Exchange	Verified	12	17	29,555	100%								100%
3	HVAC Incentives	Verified	12	912	1,657,748	100%								100%
4	Conservation Instant Coupon Booklet	Verified	12	60	802,995	100%								100%
5	Bi-Annual Retailer Event	Verified	12	227	3,463,427	100%								100%
6	Retailer Co-op	Verified	12			100%								100%
7	Residential Demand Response (switch/pstat)	Verified		1,256		100%								100%
8	Residential Demand Response (IHD)	Verified				100%								100%
9	Residential New Construction	Verified	12	10	66,703	100%								100%
	Adjustments to 2014 results (if any)	True-up	12											
Business Program														
10	Retrofit	Verified	12	2,336	18,550,920		14%	57%	9%	1%				80%
11	Direct Install Lighting	Verified	12	482	1,836,502		100%							100%
12	Building Commissioning	Verified	3											
13	New Construction	Verified	12	144	481,103		6%	94%						100%
14	Energy Audit	Verified	12	134	652,736		23%	77%						100%
15	Small Commercial Demand Response (switch/pstat)*	Verified		10										
16	Small Commercial Demand Response (IHD)	Verified												
17	Demand Response 3	Verified		399										
	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	41	142,417					100%				100%
21	Retrofit	Verified	12											
22	Demand Response 3	Verified		5,241										
	Adjustments to 2014 results (if any)	True-up	12											
Home Assistance Program														
23	Home Assistance Program	Verified	12	23	266,840	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	361	2,330,503					100%				100%
30	Time-of-Use Savings	Verified	12	1,879										
	Adjustments to 2014 results (if any)	True-up	12											
	Total kWh					6,412,876	4,633,262							11,046,137
	Total kWh (excludes DR)					6,412,876	4,633,262							
	Total GS > 50 kW							18,732	2,461	4,964				26,156
	Total GS > 50 kW (excludes Building Commissioning)							18,732	2,461					
Distribution Rate in 2014						\$0.0147	\$0.0160	\$2.5039	\$3.4411	\$2.2038	\$0.0176	\$8.7506		
Lost Revenue in 2014 from 2011 programs														
Lost Revenue in 2014 from 2012 programs														
Lost Revenue in 2014 from 2013 programs						\$34,318	\$78,810	\$98,668	\$59,663	\$13,231				\$284,690
Lost Revenue in 2014 from 2014 programs						\$94,269	\$74,132	\$46,902	\$8,467	\$10,939				\$234,710
Total Lost Revenue in 2014						\$128,587	\$152,942	\$145,570	\$68,130	\$24,170				\$519,400
2014 Savings Persisting in 2015						5,897,284	4,614,829	18,732	2,461	4,482				

2014



2015 Lost Revenues Work Form

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 IESO 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).

User Inputs (Green)
Auto Populated Cells (White)

[illegible]

#	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 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power	Total
Pilot Programs														
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified	12											
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified	12											
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified	12											
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified	12											
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	12											
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	12											
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	12											
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified	12											
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified	12											
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified	12											
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified	12											
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	12											
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	12											
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified	12											
Adjustments to 2015 results (if any)		True-up	12											
	Total kWh					8,953,107	7,267,886							16,220,993
	Total GS > 50 kW							20,244	8,233	351				28,828
	Total GS > 50 kW (excludes Building Commissioning)							20,244	8,233					
Distribution Rate in 2015						\$0.0155	\$0.0161	\$2.7446	\$3.1861	\$2.4122	\$0.0192	\$11.1563		
Lost Revenue in 2015 from 2011 programs														
Lost Revenue in 2015 from 2012 programs														
Lost Revenue in 2015 from 2013 programs						\$35,603	\$78,760	\$108,144	\$55,238	\$14,483			\$292,228	
Lost Revenue in 2015 from 2014 programs						\$91,408	\$74,299	\$51,411	\$7,840	\$10,812			\$235,769	
Lost Revenue in 2015 from 2015 programs						\$138,773	\$117,013	\$55,562	\$26,232	\$847			\$338,427	
Total Lost Revenue in 2015						\$265,784	\$270,072	\$215,117	\$89,309	\$26,141			\$866,424	

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)

Table 12. Determination of 2011-2014 Persistence Rates

Implementation Period	Annual Net Energy Savings (GWh)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2011 - Verified										
2012 - Verified										
2013 - Verified										
2014 - Verified										

Implementation Period	Persistence Factor (GWh)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2011		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2012			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2013				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2014					#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Table 13. Determination of 2015-2020 Persistence Rates

Implementation Period	Annual Net Energy Savings (GWh)					
	2015	2016	2017	2018	2019	2020
2015 - Verified						
2016 - Verified						
2017 - Verified						
2018 - Verified						
2019 - Verified						
2020 - Verified						

Implementation Period	Persistence Factor (GWh)					
	2015	2016	2017	2018	2019	2020
2015 - Verified		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2016 - Verified			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2017 - Verified				#DIV/0!	#DIV/0!	#DIV/0!
2018 - Verified					#DIV/0!	#DIV/0!
2019 - Verified						#DIV/0!

Note: Initiative level persistence was used. See below.

Implementation Period	Annual Net Peak Savings (MW)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2011 - Verified										
2012 - Verified										
2013 - Verified										
2014 - Verified										

Implementation Period	Persistence Factor (MW)									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
2011		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2012			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2013				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2014					#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Implementation Period	Annual Net Peak Savings (MW)					
	2015	2016	2017	2018	2019	2020
2015 - Verified						
2016 - Verified						
2017 - Verified						
2018 - Verified						
2019 - Verified						
2020 - Verified						

Implementation Period	Persistence Factor (MW)					
	2015	2016	2017	2018	2019	2020
2015 - Verified			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2016 - Verified			#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2017 - Verified				#DIV/0!	#DIV/0!	#DIV/0!
2018 - Verified					#DIV/0!	#DIV/0!
2019 - Verified						#DIV/0!

Table 16. Persistence by Program from the IESO for 2011 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives										
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-op										
Residential Demand										
Response										
Residential New Construction										
Consumer Program Total										
Business Program										
Retrofit										
Direct Install Lighting										
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand										
Response										
Demand Response 3										
Business Program Total										
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager										
Retrofit										
Demand Response 3										
Industrial Program Total										
Home Assistance Program										
Home Assistance Program										
Home Assistance Program										
Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive										
Program										
High Performance New										
Construction										
Toronto Comprehensive										
Multifamily Energy Efficiency										
Rebates										
LDC Custom Programs										
Pre-2011 Programs										
completed in 2011 Total										
Totals										

Table 20. Persistence by Program from the IESO for 2011 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives										
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand										
Response (switch/pstat)										
Residential New										
Construction										
Consumer Program Total										
Business Program										
Retrofit										
Direct Install Lighting										
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand										
Response										
Demand Response 3										
Business Program Total										
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager										
Retrofit										
Demand Response 3										
Industrial Program Total										
Home Assistance Program										
Home Assistance Program										
Home Assistance Program Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011										
Totals										

Table 17. Persistence by Program from the IESO for 2012 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives										
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand										
Response (switch/pstat)										
Residential Demand										
Response (IHD)										
Residential New Construction										
Consumer Program Total										
Business Program										
Retrofit										
Direct Install Lighting										
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand										
Response (switch/pstat)										
Small Commercial Demand										
Response (IHD)										
Demand Response 3										
Business Program Total										
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager										
Retrofit										
Demand Response 3										
Industrial Program Total										
Home Assistance Program										
Home Assistance Program										
Home Assistance Program Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011 Total										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Notes:										

Table 21. Persistence by Program from the IESO for 2012 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives										
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand										
Response (switch/pstat)										
Residential Demand										
Response (IHD)										
Residential New										
Construction										
Consumer Program Total										
Business Program										
Retrofit										
Direct Install Lighting										
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand										
Response (switch/pstat)										
Small Commercial Demand										
Response (IHD)										
Demand Response 3										
Business Program Total										
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager										
Retrofit										
Demand Response 3										
Industrial Program Total										
Home Assistance Program										
Home Assistance Program										
Home Assistance Program Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals										

Table 18. Persistence by Program from the IESO for 2013 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement			23	23	22			150,148	150,148	149,225
Appliance Exchange			16	16	16			28,447	28,447	28,447
HVAC Incentives			806	806	806			1,367,674	1,367,674	1,367,674
Conservation Instant Coupon										
Booklet			15	14	12			217,201	208,831	176,923
Bi-Annual Retailer Event			33	32	25			484,132	454,962	355,411
Retailer Co-Op										
Residential Demand Response (switch/pstat)										
Residential Demand Response (IHD)										
Residential New Construction										
Consumer Program Total			893	890	881			2,247,601	2,210,061	2,077,679
Business Program										
Retrofit			2,348	2,348	2,337			15,903,258	15,902,383	15,868,526
Direct Install Lighting			694	686	607			2,383,867	2,350,253	2,039,096
Building Commissioning										
New Construction			52	52	52			92,807	92,807	92,807
Energy Audit			35	35	35			193,803	193,803	193,803
Small Commercial Demand Response (switch/pstat)										
Small Commercial Demand Response (IHD)										
Demand Response 3										
Business Program Total			3,131	3,122	3,031			18,573,735	18,539,246	18,194,232
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager										
Retrofit										
Demand Response 3										
Industrial Program Total										
Home Assistance Program										
Home Assistance Program										
Home Assistance Program Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011 Total										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals			4,023	4,012	3,913			20,821,336	20,749,307	20,271,912

Table 22. Persistence by Program from the IESO for 2013 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives			49	49	49			86,302	86,302	86,302
Conservation Instant Coupon										
Booklet			0	0	0			664	632	546
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand Response (switch/pstat)										
Residential Demand Response (IHD)										
Residential New Construction										
Consumer Program Total			49	49	49			86,966	86,934	86,848
Business Program										
Retrofit			3,034	3,034	3,034			25,368,148	25,367,606	25,367,606
Direct Install Lighting										
Building Commissioning										
New Construction			31	31	31			36,769	36,769	36,769
Energy Audit			0	0	0			129	129	129
Small Commercial Demand Response (switch/pstat)										
Small Commercial Demand Response (IHD)										
Demand Response 3										
Business Program Total			3,065	3,065	3,065			25,405,045	25,404,504	25,404,504
Industrial Program										
Process & System Upgrades			345	345	345			1,035,720	1,035,720	1,035,720
Monitoring & Targeting										
Energy Manager			460	460	460			4,243,500	4,243,500	4,243,500
Retrofit										
Demand Response 3										
Industrial Program Total			805	805	805			5,279,220	5,279,220	5,279,220
Home Assistance Program										
Home Assistance Program										
Home Assistance Program Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals			3,919	3,919	3,919			30,771,231	30,770,658	30,770,572

Table 19. Persistence by Program from the IESO for 2014 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)					
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	
Consumer Program											
Appliance Retirement				19	19				125,609	125,609	
Appliance Exchange				17	17				29,555	29,555	
HVAC Incentives				912	912				1,657,748	1,657,748	
Conservation Instant Coupon											
Booklet				56	55				747,486	720,691	
Bi-Annual Retailer Event				198	183				3,004,486	2,765,312	
Retailer Co-Op											
Residential Demand Response (switch/pstat)											
Residential Demand Response (IHD)											
Residential New Construction				10	10				66,703	66,703	
Consumer Program Total				1,211	1,195					5,631,586	5,365,618
Business Program											
Retrofit				2,336	2,336				18,550,920	18,550,920	
Direct Install Lighting				478	457				1,818,069	1,729,494	
Building Commissioning											
New Construction				144	144				481,103	481,103	
Energy Audit				134	134				652,736	652,736	
Small Commercial Demand Response (switch/pstat)											
Small Commercial Demand Response (IHD)											
Demand Response 3											
Business Program Total				3,092	3,071					21,502,828	21,414,253
Industrial Program											
Process & System Upgrades											
Monitoring & Targeting											
Energy Manager				0	0				3,313	3,313	
Retrofit											
Demand Response 3											
Industrial Program Total				0	0					3,313	3,313
Home Assistance Program											
Home Assistance Program				23	21				265,698	240,087	
Home Assistance Program Total				23	21					265,698	240,087
Pre-2011 Programs completed in 2011											
Electricity Retrofit Incentive Program											
High Performance New Construction											
Toronto Comprehensive Multifamily Energy Efficiency Rebates											
LDC Custom Programs											
Pre-2011 Programs completed in 2011 Total											
Other											
Program Enabled Savings				361	361				2,330,503	2,330,503	
Time-of-Use Savings											
Other Total				361	361					2,330,503	2,330,503
Totals				4,687	4,649					29,733,928	29,353,773

Table 24. Persistence by Rate Class

Program year		Residential	GS < 50 kW	GS 50 to 699 kW	GS 700 to 4,999 kW	Large Use	Unmetered Scattered Load	Street Lighting	Standby Power
		kWh	kWh	kW	kW	kW	kWh	kW	
2011									
	in 2012								
	in 2013								
	in 2014								
	in 2015								
2012									
	in 2013								
	in 2014								
	in 2015								
2013									
	in 2014	2,334,567	4,925,622	39,406	17,338	6,004			
	in 2015	2,296,995	4,891,921	39,403	17,337	6,004			
2014									
	in 2015	5,897,284	4,614,829	18,732	2,461	4,482			

Note Persistence of 2011-2012 load impact removed for 2015 on, as the 2011-2012 CDM impact would be embedded in the load forecast base numbers in HOBNI's 2015 COS load forecast.

Table 23. Persistence by Program from the IESO for 2014 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives										
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand										
Response (switch/pstat)										
Residential Demand										
Response (IHD)										
Residential New										
Construction										
Consumer Program Total										
Business Program										
Retrofit										
Direct Install Lighting										
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand										
Response (switch/pstat)										
Small Commercial Demand										
Response (IHD)										
Demand Response 3										
Business Program Total										
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager										
Retrofit										
Demand Response 3										
Industrial Program Total										
Home Assistance Program										
Home Assistance Program										
Home Assistance Program Total										
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive										
Program										
High Performance New										
Construction										
Toronto Comprehensive										
Multifamily Energy Efficiency										
Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals										



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 IESO 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	
2017 Q2	
2017 Q3	
2017 Q4	

Table 15: Calculation of Carrying Costs by Rate Class

[illegible]

