

**Andrew J. Sasso**  
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August 31, 2018

*via RESS – signed original to follow by courier*

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

Dear Ms. Walli:

**Re: Toronto Hydro-Electric System Limited (“Toronto Hydro”)  
Application to Finalize 2018 Electricity Distribution Rates and Charges  
OEB File No. EB-2018-0071**

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Pursuant to section 78 of the *Ontario Energy Board Act, 1998* and the Ontario Energy Board’s Decision in EB-2014-0116 in which Toronto Hydro’s 2019 rates were set on an interim basis, enclosed is Toronto Hydro’s annual rate update in support for its request to finalize distribution rates and other charges, effective January 1, 2019.

Yours truly,

A handwritten signature in blue ink, appearing to read "Andrew J. Sasso".

**Andrew J. Sasso**  
Director, Regulatory Affairs  
Toronto Hydro-Electric System Limited  
[regulatoryaffairs@torontohydro.com](mailto:regulatoryaffairs@torontohydro.com)

cc: Anila Dumont, Toronto Hydro  
Intervenors of Record for EB-2014-0116

## Exhibit List / Table of Contents

## APPLICATION TO FINALIZE 2019 ELECTRICITY DISTRIBUTION RATES AND CHARGES

Tab/Section	Schedule	Appendix	
1	Administration		
	1	Legal Application	
	2	Certification - Pre-Filed Evidence	
	3	Certification - Account Balances	
2	Manager's Summary		
	1	Manager's Summary	
3	Rates and Deferral/Variance Accounts		
	1	Rate Model	+ excel
	2	GA Analysis Workform	+ excel
	3	1595 Analysis Workform	+ excel
4	LRAM		
	1	LRAMVA Workform	+ excel
		A	IESO Final Results Report + excel
5	Bill Impacts		
	1	OEB Appendix 2-W Bill Impacts	
6	Tariff Sheets		
	1	Current Tariff Sheet	
	2	Proposed Tariff Sheet	

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

**AND IN THE MATTER OF** an Application by Toronto Hydro-Electric System Limited for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity effective January 1, 2019.

1 The Applicant, Toronto Hydro-Electric System Limited (“Toronto Hydro”), is a  
2 corporation incorporated under the *Business Corporations Act*, R.S.O. 1990, c. B. 17 and  
3 is licensed by the Ontario Energy Board (the “OEB”) under licence number ED-2002-  
4 0497 to distribute electricity in the City of Toronto.

5  
6 Toronto Hydro’s tariff of rates and charges was most recently updated by the OEB  
7 effective January 1, 2018 per the OEB’s Decision and Rate Order in Toronto Hydro’s  
8 Custom Incentive Rate-setting 2018 Update Application (EB-2017-0077) [the “2018 IR  
9 Update”]. The 2018 IR Update proceeding was filed pursuant to the OEB’s Decision and  
10 Rate Order in Toronto Hydro’s 2015-2019 Custom IR proceeding (EB-2014-0116) [the  
11 “Custom IR”] in which, among other orders, the OEB approved Toronto Hydro’s 2017-  
12 2019 distribution rates on an interim basis.<sup>1</sup> This 2019 Custom Incentive Rate-setting

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<sup>1</sup> Ontario Energy Board, “Decision and Order, EB-2014-0116, Toronto Hydro-Electric System Limited, Application for electricity distribution rates effective from May 1, 2015 and for each following year effective January 1 through December 31, 2019” (December 29, 2015) at p. 60 [EB-2014-0116 Decision]. Refer to Tab 2, Schedule 1, Appendix A for the supporting documentation.

1 Update Application (EB-2018-0071) for final approval of 2019 distribution rates and  
2 charges is being filed in accordance with the same OEB direction.

3

4 Pursuant to section 78 of the *Ontario Energy Board Act, 1998* as amended (the “OEB  
5 Act”) and the OEB’s direction in the Custom IR application, Toronto Hydro hereby  
6 requests final approval of distribution rates and other charges, effective January 1, 2019,  
7 along with approval for disposition of amounts accumulated in certain Deferral and  
8 Variance Accounts (DVAs), as detailed in Tab 2, Schedule 1.

9

10 This application is supported by pre-filed written evidence, which may be amended or  
11 updated from time to time, prior to the OEB’s final decision on this application. The pre-  
12 filed evidence complies with the OEB’s *2018 Filing Requirements for Electricity  
13 Distribution Rate Applications* (July 12, 2018) (the “Filing Requirements”) and only deviates  
14 from these requirements in accordance with the custom rate framework approved by the  
15 OEB in EB-2014-0116.

16

17

## 18 **I. SPECIFIC RELIEF REQUESTED**

19 Toronto Hydro requests:

- 20 a) Approval for an Order or Orders approving the Tariff of Rates and Charges set  
21 out in Tab 6, Schedule 2 of this Application as just and reasonable rates and  
22 charges pursuant to section 78 of the OEB Act, to be effective January 1, 2019;
- 23 b) Approval for the clearance of the balances recorded in certain Deferral and  
24 Variance accounts, as outlined in the Manager’s Summary at Tab 2, Schedule 1 of  
25 this Application; and,
- 26 c) Other items or amounts that may be requested by Toronto Hydro during the  
27 course of the proceeding, and such other relief or entitlements as the OEB may  
28 grant.

1     **II.     PROPOSED EFFECTIVE DATE**

2     Toronto Hydro requests that the OEB make its Rate Order effective January 1, 2019,  
3     notwithstanding that the OEB's Decision and Order approving these rates and other  
4     charges may not be delivered until after that date. In the alternative, Toronto Hydro  
5     requests an Interim Order making Toronto Hydro's current distribution rates and charges  
6     effective on an interim basis as of January 1, 2019 and establishing an account to recover  
7     any differences between the interim rates and the actual rates effective January 1, 2019  
8     based on the OEB's Decision and Order.

9

10

11     **III.    FORM OF HEARING REQUESTED**

12     Toronto Hydro requests that this application be disposed of by way of a written hearing.

13

14

15     **IV.    PUBLICATION OF NOTICE**

16     In accordance with the process established for the review and approval of Toronto  
17     Hydro's 2018 IR Update application (EB-2017-0077), Toronto Hydro submits that a  
18     Notice of Application and Hearing is not required for this proceeding.

19

20

21     **V.     DIGITAL ACCESS TO THE APPLICATION**

22     Toronto Hydro will make a copy of the application and evidence, and any amendments  
23     thereto, available for public review on its website via the following link:

24

25     <http://www.torontohydro.com/Sites/electricsystem/pages/RegulatoryAffairs.aspx>

1 **VI. CONTACT INFORMATION**

2 Toronto Hydro requests that all documents filed with the OEB in this proceeding be  
3 served on the undersigned.

4  
5 **All of which is respectfully submitted this 31<sup>st</sup> day of August, 2018.**

6  
7 Andrew J. Sasso  
8 Director, Regulatory Affairs  
9 Toronto Hydro  
10 14 Carlton Street  
11 Toronto, ON M5B 1K5  
12 [regulatoryaffairs@torontohydro.com](mailto:regulatoryaffairs@torontohydro.com)  
13 Tel: 416-542-7834  
14 Fax: 416-542-3024

**TORONTO HYDRO-ELECTRIC  
SYSTEM LIMITED**

14 Carlton Street  
Toronto, ON M5B 1K5

Signed by:



**Andrew J. Sasso**  
Director, Regulatory Affairs

**- Appendix to Legal Application -**

**Title of Proceeding:** Application by Toronto Hydro-Electric System Limited for an Order or Orders approving or fixing just and reasonable distribution rates and other charges effective January 1, 2019.

**Applicant's Name:** Toronto Hydro-Electric System Limited  
("Toronto Hydro")

**Application Address:** 14 Carlton Street  
Toronto, Ontario  
M5B 1K5

**Counsel to the Applicant:** Anila Dumont, Toronto Hydro, LSUC# 65872N

**Contact Information:** **Anila Dumont**  
Regulatory Counsel  
Toronto Hydro  
14 Carlton Street  
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OFFICER'S CERTIFICATE – PRE-FILED EVIDENCE

As the Executive Vice President, Regulatory Affairs and General Counsel of Toronto Hydro-Electric System Limited (“Toronto Hydro”), I hereby certify that the pre-filed evidence submitted in support of Toronto Hydro’s 2019 Custom Incentive Rate-setting Update Application (EB-2018-0071), as filed with the Ontario Energy Board is accurate, consistent and complete to the best of my knowledge.

This certificate is given pursuant to Chapter 1 of the Ontario Energy Board’s *Filing Requirements for Electricity Distribution Rate Applications* (revised July 12, 2018).

DATED this 31st day of August, 2018.



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Amanda Klein  
Executive Vice President,  
Regulatory Affairs and General  
Counsel

OFFICER'S CERTIFICATE – ACCOUNT BALANCES

As the Executive Vice President, Chief Financial Officer of Toronto Hydro-Electric System Limited (“Toronto Hydro”), I hereby certify that Toronto Hydro has robust processes and internal controls in place for the preparation, review, verification and oversight of the balances in the accounts in respect of which Toronto Hydro seeks disposition in its 2019 Custom Incentive Rate-setting Update Application (EB-2018-0071), as filed with the Ontario Energy Board.

This certificate is given pursuant to Chapter 2 of the Ontario Energy Board’s *Filing Requirements for Electricity Distribution Rate Applications* (revised July 12, 2018).

DATED this 31st day of August, 2018.



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Aida Cipolla  
Executive Vice President,  
Chief Financial Officer

1    **APPLICATION TO FINALIZE 2019 ELECTRICITY DISTRIBUTION RATES**  
2    **AND CHARGES: MANAGER’S SUMMARY**

3  
4    On July 31, 2014, Toronto Hydro filed a rebasing application, the 2015-2019 Custom  
5    Incentive Rate-setting application (EB-2014-0116) (the “Custom IR”), pursuant to the  
6    OEB’s Renewed Regulatory Framework for Electricity (the “RRFE”). On December 29,  
7    2015, the OEB issued a Decision and Order and on March 1, 2016 a Rate Order in  
8    respect of that application, approving final distribution rates for 2015 and 2016, and  
9    providing interim approval of distribution rates for 2017, 2018 and 2019.<sup>1</sup> Toronto  
10   Hydro filed an application for final approval of the 2017 distribution rates and charges  
11   (EB-2016-0254) on August 22, 2016 (the “2017 IR Update”) and received a final Rate  
12   Order from the OEB on December 21, 2016. Toronto Hydro filed an application for final  
13   approval of the 2018 distribution rates and charges (EB-2017-0077) on August 23, 2017  
14   (the “2018 IR Update”) and received a final Rate Order from the OEB on December 14,  
15   2017.

16  
17   This application seeks final approval of the 2019 distribution rates and charges, effective  
18   January 1, 2019, by way of an update to the rates currently approved by the OEB on an  
19   interim basis in Toronto Hydro’s Custom IR application. In addition, the application  
20   seeks approval of the 2019 Retail Transmission Service Rates (“RTSR”), effective  
21   January 1, 2019, along with the leave to clear the amounts accumulated in the Group 1  
22   Deferral and Variance Accounts (“DVAs”) and Lost Revenue Adjustment Mechanism  
23   Variance Account (“LRAMVA”) in the manner described below.

24  
25   All rate adjustments, including the clearance of Group 1 DVAs, sought as a part of this  
26   application are the product of the OEB’s 2019 IRM Rate Generator Model (the “Rate

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<sup>1</sup> Ontario Energy Board, “Decision and Order, EB-2014-0116, Toronto Hydro-Electric System Limited, Application for electricity distribution rates effective from May 1, 2015 and for each following year effective January 1 through December 31, 2019” (December 29, 2015) at p. 60 [*EB-2014-0116 Decision*]. Refer to Tab 2, Schedule 1, Appendix A for the supporting documentation.

1 Model”), filed at Tab 3, Schedule 1 and the Lost Revenue Adjustment Mechanism  
2 Variance Account (LRAMVA) Workform, filed at Tab 4, Schedule 1. The Rate Model  
3 was customized for Toronto Hydro by OEB Staff to reflect the Custom Incentive Price  
4 Cap Index (“CPCI”) mechanism underlying the Applicant’s approved Custom IR  
5 framework, use of a 30-day basis for fixed and demand based rates,<sup>2</sup> and use of kVA for  
6 distribution related demand based rates. Toronto Hydro confirms the accuracy of the  
7 billing determinants and RRR data in the OEB’s pre-populated models.

8  
9  
10 **A. 2017 TARIFF SHEET**

11  
12 The Applicant has included within the Rate Model and at Tab 6, Schedule 1 a copy of the  
13 current 2018 Tariff Sheet approved by the OEB in the 2018 IR Update application (EB-  
14 2017-0077). The rates and charges set out in the 2018 Tariff Sheet are the starting point  
15 from which the 2019 rates and charges are calculated using the Rate Model.

16  
17  
18 **B. CUSTOM PRICE CAP INDEX (CPCI) ADJUSTMENT**

19  
20 In EB-2014-0116, the OEB approved a Custom Price Cap Index (CPCI) rate framework  
21 for adjusting Toronto Hydro’s distribution rates in years 2 through 5 of the 2015 to 2019  
22 rate period. The approved formula for the CPCI is  $I - X + (C_n - S_{cap} \times I) - g$ , where:

- 23
- 24 • I is an adjustment for inflation based on the OEB’s methodology
  - 25 • X is the sum of productivity and stretch factors based on the OEB’s methodology
  - 26 •  $C_n$  is the capital factor
  - $S_{cap}$  is the capex scaling

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<sup>2</sup> However, Toronto Hydro notes that the reconciliation calculation in Tab 7 of the Rate Model (“Calculation of Def-Var RR”) was not modified to take into account the 30-day basis for fixed and demand based rates. As a result, the OEB’s Rate Model over-calculates the reconciliation value in Tab 7 of the Rate Model. See footnote 6 below for more information.

- $g$  is the growth factor

The Productivity Factor, Stretch Factor, Capital Factor, and Growth Factor underlying the CPCI values were approved by the OEB for the entire duration of the Custom IR period.<sup>3</sup> Therefore, the only adjustment for the calculation of final 2019 distribution rates is the 2019 Inflation Factor, which will be issued by the OEB sometime in the course of this proceeding.<sup>4</sup> The Rate Model filed at Tab 3, Schedule 1 adopts the OEB’s 2018 Inflation Factor as a proxy. When the OEB issues the 2019 Inflation Factor, the Applicant will update the Rate Model and the pre-filed evidence accordingly.

For ease of reference, the table below outlines the approved components of the CPCI for the years 2016 to 2019.<sup>5</sup>

**Table 1 - CPCI Factors and Values**

	2016	2017	2018	2019
I - Inflation	2.1	1.9	1.2	1.2 (Note 1)
X - Productivity	(0.0)	(0.0)	(0.0)	(0.0)
X – Stretch	(0.6)	(0.6)	(0.6)	(0.6)
C <sub>n</sub> – Capital Factor	4.07	7.60	5.99	4.43
S <sub>cap</sub> – Share of Capital	68.9%	70.8%	72.2%	73.1%
g – Growth	(0.3)	(0.3)	(0.3)	(0.3)
CPCI	3.83	7.26	5.62	3.85

Note 1 - Final 2019 Inflation value to be determined by OEB.

<sup>3</sup> *Supra* note 1, EB-2014-0116 Decision at page 14 [reference to OEB approval of the Productivity Factor], at page 19 [reference to OEB approval of the Stretch Factor], at page 28 [reference to OEB approval of the C Factor], at page 29 [reference to OEB approval of the Growth Factor]. Refer to Tab 2, Schedule 1, Appendix A or the supporting documentation.

<sup>4</sup> Ontario Energy Board, “Decision and Rate Order, EB-2014-0116, Toronto Hydro-Electric System Limited, Application for electricity distribution rates effective from May 1, 2015 and for each following year effective January 1 through December 31, 2019” (March 1, 2016) at page 2 [EB-2014-0116 Rate Order]. Refer to Tab 2, Schedule 1, Appendix C for the supporting documentation.

<sup>5</sup> Toronto Hydro-Electric System Limited, Draft Rate Order Update, EB-2014-0116 (February 29, 2016) at page 6 [EB-2014-0116 Draft Rate Order Update]. Refer to Tab 2, Schedule 1, Appendix B for the supporting documentation.

1 **C. EARNINGS SHARING MECHANISM**

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In EB-2014-0116, the OEB established an Earning Sharing Mechanism (ESM) Variance Account to record amounts arising from non-capital related revenue requirement earnings outside of Toronto Hydro’s approved annual return on equity (ROE) exceeding a +/- 100 basis-point dead band. Toronto Hydro confirms that the ESM threshold was not triggered in the 2017 fiscal year.

10 **D. DEFERRAL AND VARIANCE ACCOUNTS RATE RIDERS**

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In this application, Toronto Hydro requests leave to clear through rate riders the balances pertaining to the Group 1 RSVA DVAs, as well as the LRAMVA. In accordance with the *Report of the Board on Electricity Distributors’ Deferral and Variance Account Review Initiative* (issued July 31, 2009) [the “EDDVAR Report”], the RSVA account balances must be cleared if the amounts exceed the pre-set disposition threshold of \$0.001 per kWh. As shown in the Rate Model at Tab 3, Schedule 1, the threshold was exceeded based on the year-end 2017 balances.

20 The proposed RSVA clearances and supporting continuity schedules are set out in the  
21 Rate Model. Table 2 below summarizes the balances proposed for clearance.

22  
23

**Table 2 - RSVA Balances for Clearance**

Account	Dec 31, 2017 Balance (\$)	Carrying Charges (to Dec 31, 2018) (\$)	Total For Clearance (\$)
1550 - LV Variance Account	394,329	16,729	411,057
1551 - Smart Meter Entity Variance Account	-113,182	-28,393	-141,575

<b>Account</b>	<b>Dec 31, 2017 Balance (\$)</b>	<b>Carrying Charges (to Dec 31, 2018) (\$)</b>	<b>Total For Clearance (\$)</b>
1580 - RSVA WMS	-25,199,715	-1,032,549	-26,232,264
1580 - RSVA WMS - Sub-account CBR Class B	524,230	21,770	546,000
1584 - RSVA Retail Transmission Network Charge	8,096,178	350,747	8,446,925
1586 - RSVA Retail Transmission Connection Charge	8,333,125	355,364	8,688,489
1588 - RSVA Power	-3,337,116	-137,067	-3,474,183
1589 - RSVA Global Adjustment	56,920,193	2,443,041	59,363,234

1

2 In accordance with Chapter 3 of the Filing Requirements, the Applicant confirms that its  
 3 RPP settlement process with the IESO is consistent with the description provided in the  
 4 2017 IR Update application (EB-2016-0254), and 2018 IR Update application (EB-2017-  
 5 0077).

6

7 A certification by the Chief Financial Officer relating to the processes and controls in  
 8 place for the preparation, review, verification and oversight of RSVA accounts balances  
 9 is filed at Tab 1, Schedule 2.

10

11 The Applicant has allocated the DVA amounts proposed for clearance in accordance with  
 12 the EDDVAR Report. Toronto Hydro confirms that Wholesale Market Participants  
 13 (“WMPs”) are not subject to clearance of RSVA amounts for Power, Wholesale Market  
 14 Services (“WMS”) (including sub-account CBR Class B) or Global Adjustment (“GA”),  
 15 and have not been included in the load/customer counts used to determine rate riders for  
 16 these accounts.

17

1 The balances in the RSVA GA are allocated to non-RPP customers only. Toronto Hydro  
2 used the Rate Model to address the GA for customers that transition between Class A and  
3 Class B during 2017. The GA Analysis Workform is filed at Tab 3, Schedule 2.

4  
5 The Rate Model details the balances allocated to each rate class and shows the  
6 development of the proposed rate riders. Toronto Hydro proposes to clear the balance in  
7 all the accounts over a 12-month period from January 1, 2019 through December 31,  
8 2019. All rate riders were calculated using the 2017 RRR billing unit data, which was  
9 pre-populated by OEB Staff in the Rate Model.<sup>6</sup>

10  
11  
12 **E. CAPACITY BASED RECOVERY BALANCES**

13  
14 The Applicant seeks clearance of the Class B Capacity Based Recovery (“CBR”)  
15 balances to December 2017 through a separate rider as calculated by the Rate Model.

16  
17  
18 **F. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT**  
19 **(LRAMVA)**

20  
21 Toronto Hydro proposes to clear the LRAMVA amounts in account 1568 related to 2017  
22 rate year. The amounts proposed for clearance were determined by the OEB’s LRAMVA  
23 Workform, conform to the most recent LRAMVA guidelines,<sup>7</sup> and rely on the most  
24 recent CDM program input assumptions available at the time of program evaluation.

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<sup>6</sup> Toronto Hydro notes that on Tab 7 of the Rate Model (“Calculation of Def-Var RR”) the Revenue Reconciliation value does not reconcile to the DVA amounts proposed for clearance by the Applicant because the reconciliation calculation does not take into account the 30-day basis of Toronto Hydro’s demand based rates. As a result, the OEB’s Rate Model over-calculates the reconciliation value. Toronto confirms that the rates calculated by the Rate Model do in fact reconcile with the amounts sought for clearance.

<sup>7</sup> Conservation and Demand Management Requirement Guidelines for Electricity Distributors (EB-2014-0278) and Report of the OEB: Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs (July 20, 2017).

1 Toronto Hydro has calculated the LRAMVA amounts using the 2017 approved  
 2 distribution rates, and the specific rate riders approved for LRAMVA use in the OEB's  
 3 EB-2017-0077 decision. A copy of the LRAMVA Workform is filed at Tab 4, Schedule  
 4 1.

6 The LRAMVA clearance is based on the Final CDM Annual Report and Persistence  
 7 Savings Report for 2017, which is filed Tab 4, Schedule 1, Appendix A. An Excel copy  
 8 of this document has also been provided.

10 Table 3 below provides a summary of the principle amount and carrying charges by rate  
 11 class, and the resultant riders. In accordance with section 3.2.6.1 of the Filing  
 12 Requirements, the Applicant submits that the 2017 year-end LRAMVA balance is  
 13 significant enough to merit clearance during the IRM period. Toronto Hydro proposes to  
 14 clear the LRAMVA balance over a 12-month period, beginning January 1, 2019.

16 **Table 3 - LRAMVA Summary**

Rate Class	Principle for Clearance (\$)	Carrying Charges (\$)	Total For Clearance (\$)	Proposed Rate Rider (\$/kWh or \$/kVA)
Residential	4,171,387	99,279	4,270,666	0.00095
CSMUR	298,299	7,100	305,398	0.00125
GS<50kW	451,645	10,749	462,394	0.00020
GS 50-999kW	4,716,409	112,251	4,828,660	0.1946
GS 1000-4999kW	1,265,308	30,114	1,295,423	0.1250
Large User	1,145,166	27,255	1,172,421	0.2280

17  
 18

19 **G. ADJUSTMENTS TO DEFERRAL AND VARIANCE ACCOUNTS**

20

21 Toronto Hydro confirms that it has not made any adjustments to previously approved

1 DVAs. The balances proposed for clearance match the account balances filed in the  
2 RRR, subject to the exceptions detailed below.

3  
4 As described in Note 1 on the Continuity Schedule in the Rate Model, the variance in the  
5 RSVA – Wholesale Market Service Charge account 1580 is due to the reporting  
6 requirement for RRR differing from that set out by the OEB for reporting the DVA detail  
7 in the Rate Model Continuity Schedule. Furthermore, the final LRAMVA balance  
8 proposed for clearance has been determined using the latest LRAMVA model and final  
9 2017 CDM results from the IESO, which was unavailable at the time of filing the RRR.

10  
11

## 12 **H. TAX CHANGES**

13

14 The Applicant confirms that there have been no applicable legislated tax changes since its  
15 last rebasing application (EB-2014-0116).

16  
17

## 18 **I. RETAIL TRANSMISSION SERVICE RATES**

19

20 The Applicant seeks to set 2019 Retail Transmission Service Rates based on the OEB's  
21 guidance set out in the June 28, 2012 revision of the OEB's Guideline G-2008-0001:  
22 Electricity Distribution Retail Transmission Service Rates ("RTSR"), Revision 4.0.  
23 Toronto Hydro has used the current OEB-approved Uniform Transmission Rates  
24 ("UTR") and the Rate Model for calculating the RTSRs. The Applicant anticipates that  
25 the OEB will update the requested RTSRs to reflect the approved 2019 Uniform  
26 Transmission Rates when those rates become available.

1     **J.     OTHER RATES AND CHARGES**

2

3     Toronto Hydro requests continuation of the various rate riders approved in EB-2014-  
4     0116, in accordance with their respective effective and termination dates, and of the other  
5     rates and charges approved in that application, including the Specific Service Charges  
6     and Loss Factors.

7

8

9     **K.     2019 TARIFF SHEET AND BILL IMPACTS**

10

11     The Applicant's current 2018 Tariff Sheet is filed at Tab 6, Schedule 1, and the proposed  
12     2019 Tariff Sheet is filed at Tab 6, Schedule 2. The 2019 Tariff Sheet has been  
13     developed outside of the Rate Model because the Rate Model did not have the ability to  
14     show kWh rates at the five decimal place level, and did not include the 30-day descriptor  
15     for fixed and demand based charges. Toronto Hydro seeks an Order for final approval of  
16     the rates and charges as set out in the 2019 Tariff Sheet at Tab 6, Schedule 2.

17

18

19     **L.     2019 BILL IMPACTS**

20

21     The anticipated 2019 Bill Impacts are filed at Tab 5, Schedule 1. For the reasons  
22     described above in section K, the Bill Impacts have been developed outside of the Rate  
23     Model.

24

25     A significant driver of the bill impacts for Residential customers is the mandatory  
26     transition from fixed and volumetric distribution rates to fully fixed distribution rates.

27     The OEB's policy provides that customers throughout Ontario are expected to be

1 transitioned over the 2016-2019 period.<sup>10</sup> As required by the OEB, Toronto Hydro  
2 implemented the transition to fully fixed residential rates in 2017, with the transition  
3 complete in 2020 based on the required four year implementation period.<sup>11</sup>

4  
5 For 2019, no customers in the Residential class will experience a monthly service charge  
6 increase of \$4 or greater, and the vast majority of customers in this class will not  
7 experience a bill impact greater than 10%. The average rate increase for customers in the  
8 10<sup>th</sup> percentile is slightly above this percentage at 11.6%.<sup>12</sup> In this regard, further rate  
9 mitigation in relation to the transition to fully fixed distribution rates is not appropriate,  
10 since Toronto Hydro's customers would be further out of step with the timelines for  
11 transition, and affected customers would not benefit.

12  
13 For example, if Toronto Hydro were to shift the transition between 2019 and 2020 with  
14 more of a transition in 2019 and less in 2020, the \$4 threshold for 2020 would be  
15 exceeded. Because this element of the test represents what customers pay, this would not  
16 be a beneficial result. If Toronto Hydro were to instead extend the transition period by an  
17 additional year to 2021, the result would be that its customers would fall further behind  
18 the transition period for Ontario (Toronto Hydro is already one year behind). Adding  
19 another year to the transition would also mean that the average rate increase for Toronto  
20 Hydro's 10<sup>th</sup> percentile customers would increase in the next rate period (2020-2024),  
21 while other customers in the class would actually experience a decrease. Toronto Hydro  
22 also notes that the effect of the Fair Hydro Plan – which has not been factored into these  
23 bill impacts - will mitigate the effect of the increase for all customers in 2019, bringing  
24 their total annual increase well below the 10% threshold.

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<sup>10</sup> EB-2012-0410, Ontario Energy Board, Board Policy: A New Distribution Rate Design for Residential Electricity Customers (April 2, 2015) at p. 24.

<sup>11</sup> EB-2014-0116, Decision and Order (December 29, 2015) at p. 45.

<sup>12</sup> Toronto Hydro calculated the 10<sup>th</sup> percentile (212 kWh consumption) based on a randomly selected statistically significant sample of its Residential customer class.

1 Table 4 below provides a summary of the total bill impacts for a typical customer in each  
 2 rate class.

3  
 4 **Table 4 - Summary of Total Bill Impacts**

Rate Classes	\$/30 days	%
Residential (750 kWh, TOU RPP)	\$6.61	5.4%
Competitive Sector Multi Unit Residential (300 kWh, TOU RPP)	\$3.93	6.0%
General Service <50 kW (2,000 kWh, TOU RPP)	\$17.11	5.4%
General Service 50-999 kW (200 kVA, Spot, Class B)	\$1,101.35	8.1%
General Service 1,000-4,999 kW (2,000 kVA, Spot, Class A)	\$5,656.10	3.8%
Large User (9,700kVA, Spot, Class A)	\$22,920.46	3.4%
Unmetered Scattered Load (285 kWh, RPP)	\$3.49	5.7%
Street Lighting (2,700 kVA, Spot, Class B)	\$23,227.48	8.5%

5  
 6 Toronto Hydro's 2019 proposed rates for the Residential and CSMUR classes reflect the  
 7 third year of the transition to fully fixed rates. As required and noted above, Toronto  
 8 Hydro assessed the impact of the increase in the fixed rate plus all other proposed rate  
 9 changes for the 10<sup>th</sup> percentile consumption level. The 10<sup>th</sup> percentile consumption level  
 10 was determined based on a sample of 2016 loads for the Residential and CSMUR classes.  
 11 As average loads for each of these classes have not changed materially, Toronto Hydro  
 12 submits that this threshold level remains appropriate.

Instructions for Tabs 3 to 7

Tab	Tab Details	Step	Details
3 - Continuity Schedule	This tab is the continuity schedule that shows all the accounts and the accumulation of the balances a utility has.	1	Complete the DVA continuity schedule.  For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the closing 2015 balances in the Adjustments column under 2015.  For all Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2017 regardless of whether the account is being requested for disposition in the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, Account 1595 (2015) would have information starting in 2015, when the relevant balances approved for disposition were first transferred into Account 1595 (2015). The DVA continuity schedule currently starts from 2012, if a utility has an Account 1595 with a vintage year prior to 2012, then a separate schedule should be provided starting from the vintage year.
		2a	If you had any Class A customers at any point during the period that the Account 1589 GA balance accumulated (e.g. last disposition was for 2015 balances in the 2017 rate application, current balance requested for disposition accumulated from 2016 to 2017), check off the checkbox in cell BR13.  If the checkbox is not checked off, then proceed to tab 4 and complete the tab as needed. Tab 5 will be calculated accordingly. Then proceed to tabs 6.1 and 7, complete the tabs as needed and the appropriate rate riders will be calculated. If the checkbox is checked off, tab 6 relating to Class A customer consumption will be generated, see step 5 to 8 below for further details.
		2b	If the checkbox in step 2a is checked off, another checkbox will pop up to the right of the checkbox. If you had any Class A customers at any point during the period that the Account 1580, sub-account CBR Class B balance accumulated (i.e. Never Disposed, 2015, 2016), check off the checkbox.  If the checkbox is not checked off, then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider.  If the checkbox is checked off, then tab 6.2 will be generated. This tab will allocate and dispose the balance in Account 1580 sub-account CBR Class B through a separate rate rider using information inputted in tab 6. See step 11 below for further details.
4 - Billing Determinant	This tab shows the billing determinants that will be used to allocate account balances and calculate rate riders.	3	Confirm the accuracy of the RRR data used to populate the tab.
		4	Review the disposition threshold calculation. If the threshold disposition is not met, select whether disposition is still being requested or not in the drop down box.
6 - Class A Data Consumption	This is a new tab that is to be completed if there were any Class A customers at any point during the period the GA balance accumulated. The tab also considers Class A/B transition customers. The data on this tab is used for the purposes of determining the GA rate rider, CBR Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	5	This tab is generated when the utility checks in tab 3 that they have Class A customers during the period that GA balance accumulated. Under #1, enter the year the Account 1589 GA balance was last disposed.
		6	Under #2a, indicate whether you had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated. If no, proceed to #3b in step 8. If yes, #2b and tab 6.1a will be generated. Proceed to #2b. Under #2b, indicate whether you had any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR Class B balance accumulated. If no, proceed to #3a in step 7. If yes, tab 6.2a will be generated. Proceed to #3a in step 7.
		7	Under #3a, enter the number of transition customers during the period the Account 1589 GA balance accumulated. A table will be generated based on the number of customers. Complete the table accordingly for each transition customer identified (i.e. kWh/kW for half year periods, and the customer class during the half year). This data will automatically be used in the GA balance and CBR Class B balance allocation to transition customers in tabs 6.1a and 6.2a respectively. Each transition customer identified in tab 6, table 3a will assigned a customer number and the number will correspond to the same transition customer populated in tabs 6.1a and 6.2a. The data in tab 6 will also be used in the calculation of billing determinants in the allocation of GA and CBR Class B balances to the rate classes, as applicable.
		8	Under #3b, enter the number of customers who were Class A customers during the entire period the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B during the period). A table will be generated based on the number of customers. Complete the table accordingly for each Class A customer identified. This data will be used in the calculation of billing determinants in the allocation of GA and CBR Class B balances to the rate classes, as applicable.

**Instructions for Tabs 3 to 7**

Tab	Tab Details	Step	Details
6.1a - GA Allocation	This tab has been revised. It allocates the GA balance to each transition customer for the period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers who contributed to the GA balance but are now Class A customers and former Class A customers who are now Class B customers contributing to the GA balance).	9	This tab is generated when the utility indicates that they have transition customers in tab 6, #2a during the period where the Account 1589 GA balance accumulated.  In row 20, enter the total Class B consumption which equals to Non-RPP consumption less WMP consumption and consumption for Class A customers (who were Class A for partial and full year).  The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B GA rate rider as calculated in tab 6.1.
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	10	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the GA rate riders are calculated accordingly based on whether there were any transition customers during the period that the GA balance accumulated.
6.2 - CBR	This is a new tab that calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	11	This tab is generated when the utility checks in tab 3 that they have Class A customers during the period that Account 1580, sub-account CBR Class B balance accumulated. Select one of two options pertaining to the the years in which the CBR Class B balance accumulated, either 2015, 2016 and 2017, or 2016 and 2015, or 2015 only in cell B13.  The rest of the information in the tab is auto-populated and the CBR Class B rate riders are calculated accordingly based on whether there were any transition customers during the period that the CBR Class B balance accumulated.
6.2a - CBR_B Allocation	This is a new tab that allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers who contributed to the balance but are now Class A customers and former Class A customers who are now Class B contributing to the balance).	12	This tab is generated when the utility indicates that they have transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated.  In row 20, enter the total Class B consumption which equals to total consumption less WMP consumption and consumption for Class A customers (who were Class A for partial and full year).  The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the CBR Class B balance to transition customers in the bottom table. Note that the transition customers identified for the GA may be different than the transition customers for CBR Class B as this would depend on the period in which the GA and CBR Class B balances accumulated. All transition customers who are allocated a specific CBR Class B amount are not to be charged the general CBR Class B rate rider.
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances (except GA and CBR Class B if Class A customers exist).	13	Review the allocated balances to ensure the allocation is appropriate. Note that the final allocation for Account 1580, sub-account CBR Class B is calculated after the completion of tabs 6 to 6.2a.
7 - Calculation of Def-Var RR	This tab calculates the Group 1 rate riders, except for GA and CBR Class B (if Class A customers exist)	14	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the rate riders are calculated accordingly .

# Incentive Regulation Model for 2019 Filers

**Quick Link**  
 Ontario Energy Board's 2019 Electricity  
 Distribution Rates Webpage

Version 2.0

Utility Name	Toronto Hydro-Electric System Limited
Assigned EB Number	
Name of Contact and Title	
Phone Number	
Email Address	
We are applying for rates effective	January-01-19
Rate-Setting Method	Annual IR Index
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2018
Please indicate the last Cost of Service Re-Basing Year	2015

**Legend**

- Pale green cells represent input cells.
- Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
- 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 2019 Filers

*Please wait as macro imports and formats your current tariff schedule*

Below is your 2018 OEB-approved Tariff of Rates and Charges. Please review to ensure accuracy. Staff may have made changes to the rate class description and/or rate description to ensure consistency across all LDCs.

Click on the checkbox to confirm the accuracy of tariff sheet below:

If you have identified any discrepancies between this sheet and your approved tariff of rates and charges, please [contact](#) the OEB.

### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a separately metered living accommodation, where the Competitive Sector Multi-Unit Residential classification is not applicable. Eligibility is restricted to a dwelling unit that consists of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex building, with a residential zoning; a separately metered dwelling within a town house complex or apartment building; and bulk metered residential buildings with six or fewer units. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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	\$	32.63
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.78
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.28
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$	(0.48)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$	(1.48)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$	0.10
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$	0.03
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$	0.46
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.88
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.28
Distribution Volumetric Rate	\$/kWh	0.01063
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.00041
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.00320)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00759
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00617



## Incentive Regulation Model for 2019 Filers

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### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE

This classification is applicable to an account where electricity is used exclusively for residential purposes in a multi-unit residential building, where unit metering is provided using technology that is substantially similar to that employed by competitive sector sub-metering providers. Use of electricity in non-residential units of multi-unit buildings does not qualify for this classification and will instead be subject to the applicable commercial classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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	\$	26.80
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.78
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$	(0.19)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$	(0.59)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$	0.04
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$	0.01
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$	0.18
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.19
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.09
Distribution Volumetric Rate	\$/kWh	0.01627
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.00068
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.00392)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00759
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00617

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## Incentive Regulation Model for 2019 Filers

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### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	34.45
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.78
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	1.55
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.79
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.25
Distribution Volumetric Rate	\$/kWh	0.03187
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kWh	(0.00051)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	(0.00019)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.00317)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kWh	(0.00156)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kWh	0.00013
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kWh	0.00003
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kWh	0.00049
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00076
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00024
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00739
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00552

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## Incentive Regulation Model for 2019 Filers

*Please wait as macro imports and formats your current tariff schedule*

Below is your 2018 OEB-approved Tariff of Rates and Charges. Please review to ensure accuracy. Staff may have made changes to the rate class description and/or rate description to ensure consistency across all LDCs.

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### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	49.55
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	4.64
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	1.01
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.30
Distribution Volumetric Rate	\$/kVA	7.7987
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0277
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.0814)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kVA	0.0912
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 (Applicable only for Non-Wholesale Market Participants)	\$/kVA	(0.5191)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(0.7597)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(0.2512)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0114
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0047
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0781
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1659
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0488
Retail Transmission Rate - Network Service Rate	\$/kW	2.5690
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0515



## Incentive Regulation Model for 2019 Filers

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### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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EB-2017-0077

#### GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 1,000 kW but less than 5,000 kW, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	946.52
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	18.89
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	5.48
Distribution Volumetric Rate	\$/kVA	6.1355
Rate Rider for Disposition of Capacity Based Recovery Account (2018)		
- effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0295
Rate Rider for Disposition of Post Employment Benefit - Tax Savings		
- effective until December 31, 2018	\$/kVA	(0.0653)
Rate Rider for Disposition of Global Adjustment Account (2018)		
- effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kVA	0.1051
Rate Rider for Disposition of Deferral/Variance Accounts (2018)		
- effective until December 31, 2018 (pplicable only for Non-Wholesale Market Participants)	\$/kVA	(0.5704)
Rate Rider for Disposition of Deferral/Variance Accounts (2018)		
- effective until December 31, 2018	\$/kVA	(0.8339)
Rate Rider for Application of Operations Center Consolidation Plan Sharing		
- effective until December 31, 2018	\$/kVA	(0.2017)
Rate Rider for Recovery of the Gain on the Sale of Named Properties		
- effective until December 31, 2019	\$/kVA	0.0056
Rate Rider for Recovery of Hydro One Capital Contributions Variance		
- effective until December 31, 2019	\$/kVA	0.0038
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0627
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1226
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0356
Retail Transmission Rate - Network Service Rate	\$/kW	2.4821
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0494



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### Toronto Hydro-Electric System Limited

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EB-2017-0077

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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EB-2017-0077

#### LARGE USE SERVICE CLASSIFICATION

This classification applies to an 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, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4,178.03
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	85.84
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	25.18
Distribution Volumetric Rate	\$/kVA	6.5820
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0032
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.0675)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kVA	0.2763
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 (Applicable only for Non-Wholesale Market Participants)	\$/kVA	(0.5945)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(0.8782)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(0.2084)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0044
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0039
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0648
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1382
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0406
Retail Transmission Rate - Network Service Rate	\$/kW	2.8295
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2769



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### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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EB-2017-0077

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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 THESL to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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#### MONTHLY RATES AND CHARGES - Delivery Component - APPROVED ON AN INTERIM BASIS

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility).

Service Charge	\$	237.17
Distribution Volumetric Rate		
For General Service 50 - 999 kW Service Classification	\$/kVA	7.7987
For General Service 1,000 - 4,999 kW Service Classification	\$/kVA	6.1355
For Large Use Service Classification	\$/kVA	6.5820



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#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand at each location 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 THESL and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6.87
Connection Charge (per connection)	\$	0.71
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.16
Rate Rider for Recovery of 2015 Foregone Revenue (per connection)		
- effective until December 31, 2019	\$	0.02
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.05
Rate Rider for Recovery of 2016 Foregone Revenue (per connection)		
- effective until December 31, 2019	\$	0.01
Distribution Volumetric Rate	\$/kWh	0.08632
Rate Rider for Disposition of Capacity Based Recovery Account (2018)		
- effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Rate Rider for Disposition of Post Employment Benefit - Tax Savings		
- effective until December 31, 2018	\$/kWh	(0.00096)
Rate Rider for Disposition of Global Adjustment Account (2018)		
- effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Deferral/Variance Accounts (2018)		
- effective until December 31, 2018	\$/kWh	(0.00316)
Rate Rider for Application of Operations Center Consolidation Plan Sharing		
- effective until December 31, 2018	\$/kWh	(0.00296)
Rate Rider for Recovery of the Gain on the Sale of Named Properties		
- effective until December 31, 2019	\$/kWh	0.00029
Rate Rider for Recovery of Hydro One Capital Contributions Variance		
- effective until December 31, 2019	\$/kWh	0.00006
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kWh	0.00092
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00203
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00062
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00460
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00390

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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EB-2017-0077

#### STREET LIGHTING SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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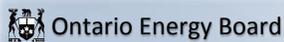
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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per device)	\$	1.55
Distribution Volumetric Rate	\$/kVA	34.4231
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0236
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.5347)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(1.0860)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(1.6506)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0741
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0312
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.5133
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0478
Retail Transmission Rate - Network Service Rate	\$/kW	2.2849
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4461

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



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#### 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 utility's Conditions of Service.

#### APPLICATION

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

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#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.33
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#### ALLOWANCES

Transformer Allowance for Ownership	\$/kVA	(0.62)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

#### SPECIFIC SERVICE CHARGES

##### APPLICATION

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##### Customer Administration

Account history	\$	25.00
Duplicate invoices for previous billing	\$	25.00
Request for other billing or system information	\$	25.00
Easement letter	\$	25.00
Income tax letter	\$	25.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	35.00
Returned cheque (plus bank charges)	\$	25.00
Special meter reads	\$	55.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	55.00

##### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	55.00
Disconnect/reconnect at meter - during regular hours	\$	120.00
Disconnect/reconnect at meter - after regular hours	\$	400.00
Disconnect/reconnect at pole - during regular hours	\$	300.00
Disconnect/reconnect at pole - after regular hours	\$	820.00
Install/remove load control device - during regular hours	\$	120.00
Install/remove load control device - after regular hours	\$	400.00

##### Other

Service call - customer owned equipment	\$	55.00
Disconnect/reconnect at meter - during regular hours	\$	120.00
Disconnect/reconnect at meter - after regular hours	\$	400.00
Disconnect/reconnect at pole - during regular hours	\$	300.00
Disconnect/reconnect at pole - after regular hours	\$	820.00
Temporary service install & remove - overhead - no transformer	\$	2,040.00
Specific charge for access to the power poles (wireline attachments) - per pole/year	\$	42.00



## Incentive Regulation Model for 2019 Filers

*Please wait as macro imports and formats your current tariff schedule*

Below is your 2018 OEB-approved Tariff of Rates and Charges. Please review to ensure accuracy. Staff may have made changes to the rate class description and/or rate description to ensure consistency across all LDCs.

Click on the checkbox to confirm the accuracy of tariff sheet below:

If you have identified any discrepancies between this sheet and your approved tariff of rates and charges, please [contact](#) the OEB.

### Toronto Hydro-Electric System Limited

#### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

#### RETAIL SERVICE CHARGES (if applicable)

##### 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.

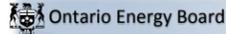
Retail Service Charges refer to services provided by THESL to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

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	1.0376
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0187
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0085



## Incentive Regulation Model for 2019 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.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the Adjustment column under 2015. For all Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2017 regardless of whether the account is being requested for disposition in the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	2012									2013											
		Opening Principal Amounts as of Jan 1, 2012	Transactions Debit / (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> 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 Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012	Opening Principal Amounts as of Jan 1, 2013	Transactions Debit / (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments <sup>1</sup> 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 Adjustments <sup>1</sup> during 2013	Closing Interest Amounts as of Dec 31, 2013	
<b>Group 1 Accounts</b>																						
LV Variance Account	1550					0										0						0
Smart Metering Entity Charge Variance Account	1551					0										0						0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580					0										0						0
Variance WMS - Sub-account CBR Class A <sup>5</sup>	1580					0										0						0
Variance WMS - Sub-account CBR Class B <sup>5</sup>	1580					0										0						0
RSVA - Retail Transmission Network Charge	1584					0										0						0
RSVA - Retail Transmission Connection Charge	1586					0										0						0
RSVA - Power <sup>4</sup>	1588					0										0						0
RSVA - Global Adjustment <sup>4</sup>	1589					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595					0										0						0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595					0										0						0
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595					0										0						0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568																					
Total including Account 1568		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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.

<sup>1</sup> 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.

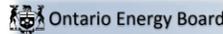
<sup>2</sup> If the LDC's rate year begins on January 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2018 on the December 31, 2017 balances adjusted for the disposed balances approved by the OEB in the 2018 rate decision. If the LDC's rate year begins on May 1, 2019, the projected interest is recorded from January 1, 2018 to April 30, 2019 on the December 31, 2017 balances adjusted for the disposed interest balances approved by the OEB in the 2018 rate decision.

<sup>3</sup> The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor. Select the "Check to dispose of account" checkbox in column BT if the sub-account is requested for disposition.

<sup>4</sup> Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year. However, if the RPP Settlement true-up claim was not reflected at the end of the last year of the account balance that was previously disposed, then no adjustment would have to be made in the first year at the beginning of the current period being requested for disposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the first year of the current period requested for disposition. Note that if a distributor has any balance in Account 1589 that pertains to Class A, this must be excluded from the balance requested for disposition.

<sup>5</sup> Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.





## Incentive Regulation Model for 2019 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.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the Adjustment column under 2015. For all Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2017 regardless of whether the account is being requested for disposition in the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	2016									2017										
		Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit / (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017
<b>Group 1 Accounts</b>																					
LV Variance Account	1550	2,127,459	312,025	1,192,584		1,246,899	70,940	15,001	64,774		21,166										8,068
Smart Metering Entity Charge Variance Account	1551	127,611	(379,776)	435,919		(688,084)	12,957	14,090	16,147		10,900	(688,084)	(113,182)	(308,308)		(492,958)	10,900	(15,080)	(7,181)		3,001
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(157,236,144)	(26,035,861)			(183,272,005)	(5,641,062)	(1,776,861)			(7,417,923)	(183,272,005)	(25,199,715)	(157,236,144)		(51,235,576)	(7,417,923)	(555,630)	(7,370,570)		(602,984)
Variance WMS - Sub-account CBR Class A <sup>5</sup>	1580	554,306		554,306		0	1,757		1,757		0	0				0	0				0
Variance WMS - Sub-account CBR Class B <sup>5</sup>	1580	5,967,910	1,535,334			7,503,244	19,743	14,282	19,743		14,282	7,503,244	524,231	5,967,910		2,059,564	14,282	20,888	85,385		(50,215)
RSVA - Retail Transmission Network Charge	1584	66,750,305	(16,414,401)			50,335,904	2,722,331	664,278			3,386,608	50,335,904	8,096,178	66,750,305		(8,318,223)	3,386,608	(83,173)	3,456,545		(153,109)
RSVA - Retail Transmission Connection Charge	1586	35,536,950	(29,949,890)			5,587,061	1,357,063	271,369			1,628,432	5,587,061	8,333,125	35,536,950		(21,616,765)	1,628,432	(278,307)	1,747,948		(397,823)
RSVA - Power <sup>4</sup>	1588	(22,433,618)	(4,099,996)		(804,747)	(27,338,361)	(261,729)	(265,904)			(527,633)	(27,338,361)	(3,337,116)	(22,433,618)		(8,241,858)	(527,633)	(93,593)	(508,477)		(112,749)
RSVA - Global Adjustment <sup>4</sup>	1589	94,368,616	(14,088,418)		804,747	81,084,945	3,811,180	1,131,533			4,942,712	81,084,945	56,920,194	94,368,616		43,636,523	4,942,712	274,057	4,812,604	0	404,166
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595	0				0	0	0			0	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595	95,890				95,890	(54,487)	966	0		(53,521)	95,890		95,890		(0)	(53,521)		-\$53,433		(88)
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595	0				0	0	0			0	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595	0				0	0	0			0	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595	0	8,704,230	(45,304,160)		54,008,390	0	(28,061)	(131,074)		103,013	54,008,390	-\$13,853,058		40,155,332	103,013	-\$18,718		-\$993,537		(909,242)
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595	0				0	0	0			0	0	\$2,815,542		2,815,542	0	\$142,065				142,065
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>	1595	0				0	0	0			0	0			0	0					0
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	0				0	0	0			0	0			0	0					0
<b>RSVA - Global Adjustment</b>	<b>1589</b>	<b>94,368,616</b>	<b>(14,088,418)</b>	<b>0</b>	<b>804,747</b>	<b>81,084,945</b>	<b>3,811,180</b>	<b>1,131,533</b>	<b>0</b>	<b>0</b>	<b>4,942,712</b>	<b>81,084,945</b>	<b>56,920,194</b>	<b>94,368,616</b>	<b>0</b>	<b>43,636,523</b>	<b>4,942,712</b>	<b>274,057</b>	<b>4,812,604</b>	<b>0</b>	<b>404,166</b>
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		<b>(68,509,332)</b>	<b>(66,328,336)</b>	<b>(43,121,351)</b>	<b>(804,747)</b>	<b>(92,521,063)</b>	<b>(1,772,487)</b>	<b>(1,090,840)</b>	<b>(28,652)</b>	<b>0</b>	<b>(2,834,676)</b>	<b>(92,521,063)</b>	<b>(22,339,667)</b>	<b>(70,692,141)</b>	<b>0</b>	<b>(44,168,589)</b>	<b>(2,834,676)</b>	<b>(874,740)</b>	<b>(2,629,877)</b>	<b>(993,537)</b>	<b>(2,073,076)</b>
<b>Total Group 1 Balance</b>		<b>25,859,284</b>	<b>(80,416,753)</b>	<b>(43,121,351)</b>	<b>0</b>	<b>(11,436,118)</b>	<b>2,038,692</b>	<b>40,692</b>	<b>(28,652)</b>	<b>0</b>	<b>2,108,037</b>	<b>(11,436,118)</b>	<b>34,580,527</b>	<b>23,676,474</b>	<b>0</b>	<b>(532,066)</b>	<b>2,108,037</b>	<b>(600,683)</b>	<b>2,182,727</b>	<b>(993,537)</b>	<b>(1,668,910)</b>
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	<b>9,112,988</b>	<b>4,319,627</b>	<b>3,452,615</b>	<b>1,278,369</b>	<b>11,258,369</b>	<b>216,135</b>	<b>109,612</b>	<b>131,074</b>	<b>0</b>	<b>194,673</b>	<b>11,258,369</b>	<b>9,612,739</b>	<b>4,810,834</b>	<b>2,435,486</b>	<b>18,495,760</b>	<b>194,673</b>	<b>156,370</b>	<b>139,236</b>	<b>0</b>	<b>211,807</b>
<b>Total including Account 1568</b>		<b>34,972,273</b>	<b>(76,097,127)</b>	<b>(39,668,736)</b>	<b>1,278,369</b>	<b>(177,749)</b>	<b>2,254,828</b>	<b>150,304</b>	<b>102,422</b>	<b>0</b>	<b>2,302,710</b>	<b>(177,749)</b>	<b>44,193,266</b>	<b>28,487,308</b>	<b>2,435,486</b>	<b>17,963,694</b>	<b>2,302,710</b>	<b>(444,312)</b>	<b>2,321,963</b>	<b>(993,537)</b>	<b>(1,457,103)</b>

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.

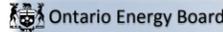
<sup>1</sup> Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

<sup>2</sup> If the LDC's rate year begins on January 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2018 on the December 31, 2017 balances adjusted for the disposed balances approved by the OEB in the 2018 rate decision. If the LDC's rate year begins on May 1, 2019, the projected interest is recorded from January 1, 2018 to April 30, 2019 on the December 31, 2017 balances adjusted for the disposed interest balances approved by the OEB in the 2018 rate decision.

<sup>3</sup> The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor. Select the "Check to dispose of account" checkbox in column BT if the sub-account is requested for disposition.

<sup>4</sup> Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year. However, if the RPP Settlement true-up claim was not reflected at the end of the last year of the account balance that was previously disposed, then no adjustment would have to be made in the first year at the beginning of the current period being requested for disposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the first year of the current period requested for disposition. Note that if a distributor has any balance in Account 1589 that pertains to Class A, this must be excluded from the balance requested for disposition.

<sup>5</sup> Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.



## Incentive Regulation Model for 2019 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.

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the Adjustment column under 2015. For all Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2017 regardless of whether the account is being requested for disposition in the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

If you had any Class A customers at any point during the period that the Account 1589 GA balance accumulated (i.e. from the year the balance was last disposed to 2017), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6 will be generated and applicants must complete the information pertaining to Class A customers.

If you had any customers classified as Class A at any point during the period where Account 1580, sub-account CBR Class B balance accumulated (i.e. 2017 or 2017 to 2016 or 2015 to 2017), check off the checkbox.

If you had Class A customer(s) during this period, Tab 6.2 will be generated. Account 1580, sub-account CBR Class B will be disposed through a separate rate rider calculated in Tab 6.2.

If you only had Class B customers during this period, the balance in 1580 sub-account CBR Class B will be allocated and disposed with Account 1580 WMS.

Account Descriptions	Account Number	2018				Projected Interest on Dec-31-17 Balances				2.1.7 RRR	Variance RRR vs. 2017 Balance (Principal + Interest)	
		Principal Disposition during 2018 - Instructed by OEB	Interest Disposition during 2018 - Instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2017		
<b>Group 1 Accounts</b>												
LV Variance Account	1550	312,025	5,861	394,328	2,207	7,068	7,453	16,729	411,057	714,420	(1)	
Smart Metering Entity Charge Variance Account	1551	(379,776)	13,241	(113,182)	(10,240)	(8,836)	(9,317)	(28,393)	(141,575)	(489,957)	(0)	
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580	(26,035,861)	(498,414)	(25,199,715)	(104,570)	(451,705)	(476,275)	(1,032,549)	(26,232,264)	(49,829,210)	2,009,350	Note 1
Variance WMS - Sub-account CBR Class A <sup>5</sup>	1580			0	0			0	0	0	0	
Variance WMS - Sub-account CBR Class B <sup>5</sup>	1580	1,535,334	(52,680)	524,230	2,465	9,397	9,908	21,770	546,000	2,094,735	85,385	Note 1
RSVA - Retail Transmission Network Charge	1584	(16,414,401)	(205,715)	8,096,178	52,606	145,124	153,018	350,747	8,446,925	(8,471,333)	(0)	
RSVA - Retail Transmission Connection Charge	1586	(29,949,890)	(446,320)	8,333,125	48,497	149,371	157,496	355,364	8,688,489	(22,014,588)	(0)	
RSVA - Power <sup>4</sup>	1588	(4,904,742)	(98,572)	(3,337,116)	(14,177)	(59,818)	(63,071)	(137,067)	(3,474,183)	(8,354,608)	(0)	
RSVA - Global Adjustment <sup>4</sup>	1589	(13,283,670)	57,211	56,920,193	346,955	1,020,294	1,075,792	2,443,041	59,363,234	44,040,688	(1)	
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595			0	0			0	0	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595			(0)	(88)			(88)	0	0	88	
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595			0	0			0	0	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595			0	0			0	0	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595			40,155,332	(909,242)			(909,242)	0	39,246,089	(0)	
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595			2,815,542	142,065			142,065	0	2,957,607	(0)	
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup> <i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595	88,741,209	1,238,629	(88,741,209)	(1,238,629)			(1,238,629)	0	0	0	
<b>RSVA - Global Adjustment</b>	<b>1589</b>	<b>(13,283,670)</b>	<b>57,211</b>	<b>56,920,193</b>	<b>346,955</b>	<b>1,020,294</b>	<b>1,075,792</b>	<b>2,443,041</b>	<b>59,363,234</b>	<b>44,040,688</b>	<b>(1)</b>	
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		<b>12,903,898</b>	<b>(43,970)</b>	<b>(57,072,487)</b>	<b>(2,029,106)</b>	<b>(209,399)</b>	<b>(220,788)</b>	<b>(2,459,293)</b>	<b>(11,755,551)</b>	<b>(46,241,579)</b>	<b>86</b>	
<b>Total Group 1 Balance</b>		<b>(379,772)</b>	<b>13,241</b>	<b>(152,294)</b>	<b>(1,682,151)</b>	<b>810,896</b>	<b>855,003</b>	<b>(16,252)</b>	<b>47,607,683</b>	<b>(2,200,891)</b>	<b>85</b>	
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>	<b>6,447,545</b>	<b>121,812</b>	<b>12,048,215</b>	<b>89,995</b>	<b>196,750</b>		<b>286,745</b>	<b>12,334,960</b>	<b>16,272,081</b>	<b>(2,435,486)</b>	Note 2
<b>Total including Account 1568</b>		<b>6,067,773</b>	<b>135,053</b>	<b>11,895,921</b>	<b>(1,592,156)</b>	<b>1,007,646</b>	<b>855,003</b>	<b>270,493</b>	<b>59,942,644</b>	<b>14,071,190</b>	<b>(2,435,401)</b>	

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.

<sup>1</sup> 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.

<sup>2</sup> If the LDC's rate year begins on January 1, 2019, the projected interest is recorded from January 1, 2018 to December 31, 2018 on the December 31, 2017 balances adjusted for the disposed balances approved by the OEB in the 2018 rate decision. If the LDC's rate year begins on May 1, 2019, the projected interest is recorded from January 1, 2018 to April 30, 2019 on the December 31, 2017 balances adjusted for the disposed interest balances approved by the OEB in the 2018 rate decision.

<sup>3</sup> The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data. Differences need to be explained. For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recorded in "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. Generally, no further transactions would be expected to flow through the account after that. Any vintage year of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor. Select the "Check to dispose of account" checkbox in column BT if the sub-account is requested for disposition.

<sup>4</sup> Effective May 23, 2017, per the OEB's letter titled Guidance on Disposition of Accounts 1588 and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts with the audited account balance. If the audited account balance does not reflect the true-up claims for that year, the impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that this true-up claim will need to be reversed in the amount requested for disposition in the following year. However, if the RPP Settlement true-up claim was not reflected at the end of the last year of the account balance that was previously disposed, then no adjustment would have to be made in the first year at the beginning of the current period being requested for disposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the first year of the current period requested for disposition. Note that if a distributor has any balance in Account 1589 that pertains to Class A, this must be excluded from the balance requested for disposition.

<sup>5</sup> Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1580, sub-accounts CBR Class A and Class B separately. There is no disposition of Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exists for Account 1580, sub-account CBR Class A as at Dec. 31, 2017, the balance must be explained.

Note 1: The amount filed in the RRR 2.1.7 for December 31, 2017 for RSVA - Wholesale Market Service Charge a/c 1580 was (\$49,829,210). As noted in the form RRR 2.1.7 Group 1 Accounts, this balance must equal the main control account in the RRR 2.1.7 Trial Balance. Therefore, this is inclusive of the Sub-account CBR class B - Principal + Interest of \$2,094,735 which rolls into a/c 1580. Since the sub-account is being excluded from a/c 1580 in the 2018 DVA Template as per OEB's instruction, the balance in the sub-account shows as a variance. In addition, the 2017 approved disposition for CBR class B interest of \$85,385 was recorded as part of RSVA - WMS Charge (primary account) for the RRR 2.1.7 Trial Balance. For the purposes of this continuity, the interest component has been reported in the Sub-account CBR class B line. The amount corresponds to the interest approved in EB-2016-0254.

Note 2: The amount of \$2.435M related to FY 2017 LRAM balances was updated in FY 2018 based on the available CBM information and balances. This would be showing as a variance between the total balances computed to FY 2017 RRR filed LRAM balances.



# Incentive Regulation Model for 2019 Filers

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

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

If you have identified any issues, please [contact](#) the OEB.

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

Please [contact](#) the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	Metered 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 <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,510,586,411	0	153,397,165	0	0	0	4,510,586,411	0	4,270,666	613,594
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh	243,482,476	0	1,359,526	0	0	0	243,482,476	0	305,398	71,750
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,303,434,007	0	377,251,568	0	0	0	2,303,434,007	0	462,394	71,703
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA	9,691,043,678	24,470,931	6,662,212,427	17,349,819	57,576,240	114,591	9,633,467,438	24,356,340	4,828,660	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA	4,592,918,089	10,223,932	4,368,643,213	9,763,081	0	0	4,592,918,089	10,223,932	1,295,423	
LARGE USE SERVICE CLASSIFICATION	kVA	2,424,774,249	5,070,896	2,151,600,660	4,576,082	273,173,600	49,481.4	2,151,600,649	4,576,082	1,172,421	
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0	0	0	0		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	41,057,051	0	367,204	0	0	0	41,057,051	0		
STREET LIGHTING SERVICE CLASSIFICATION	kVA	114,345,639	329,945	114,345,639	329,945	0	0	114,345,639	329,945		
<b>Total</b>		23,921,641,600	40,095,704	13,829,177,402	32,018,927	330,749,840	609,405	23,590,891,760	39,486,299	12,334,963	757,047

**Threshold Test**

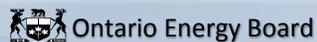
Total Claim (including Account 1568)	\$59,942,644
Total Claim for Threshold Test (All Group 1 Accounts)	\$47,607,683
Threshold Test (Total claim per kWh) <sup>2</sup>	\$0.0020

1568 Account Balance from Continuity Schedule	12,334,960
Total Balance of Account 1568 in Column S DOES NOT MATCH the amount entered on the Continuity Schedule	

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

<sup>2</sup> The Threshold Test does not include the amount in 1568.

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



## Incentive Regulation Model for 2019 Filers

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

### Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total 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	18.9%	81.1%	19.1%	77,508	(114,748)	(4,911,222)	1,592,725	1,638,273	(664,265)	4,270,666
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	1.0%	9.5%	1.0%	4,184	(13,418)	(265,109)	85,976	88,434	(35,857)	305,398
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	9.6%	9.5%	9.8%	39,581	(13,409)	(2,508,028)	813,361	836,622	(339,222)	462,394
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	40.5%	0.0%	40.8%	166,526	0	(10,489,124)	3,421,986	3,519,847	(1,418,701)	4,828,660
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	19.2%	0.0%	19.5%	78,922	0	(5,000,867)	1,621,797	1,668,176	(676,390)	1,295,423
LARGE USE SERVICE CLASSIFICATION	10.1%	0.0%	9.1%	41,666	0	(2,342,709)	856,207	880,693	(316,862)	1,172,421
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	706	0	(44,704)	14,498	14,912	(6,046)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	1,965	0	(124,502)	40,376	41,531	(16,839)	0
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>411,057</b>	<b>(141,575)</b>	<b>(25,686,264)</b>	<b>8,446,925</b>	<b>8,688,489</b>	<b>(3,474,183)</b>	<b>12,334,963</b>

\*\* 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 2019 Filers

1 Please select the Year the Account 1580 CBR Class B was Last Disposed.  (e.g. If in the 2018 EDR process, you received approval to dispose the GA variance account balance as at December 31, 2016, enter 2016.)

2a Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1589 GA balance accumulated (i.e. from the year after the balance was last disposed to 2017)?  (e.g. If you received approval to dispose of the GA variance account balance as at December 31, 2015, the period the GA variance accumulated would be 2016 and 2017.)

2b Did you have any customers who transitioned between Class A and Class B (transition customers) during the period the Account 1580, sub-account CBR Class B balance accumulated (i.e. from the year after the balance was last disposed to 2017)?  (e.g. If you received approval to dispose of the CBR Class B balance as at December 31, 2016, the period the CBR Class B variance accumulated would be 2017.)

3a Enter the number of transition customers you had during the period the Account 1589 GA balance accumulated.

Transition Customers - Non-loss Adjusted Billing Determinants by Customer

Customer	Rate Class		2017	
			January to June	July to December
Customer 1	LARGE USE SERVICE CLASSIFICATION	kWh	13,692,007	14,333,199
		kW	41,951	39,317
		Class A/B	A	B
Customer 2	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	94,290,907	98,405,011
		kW	232,398	246,879
		Class A/B	B	A
Customer 3	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	1,113,282,277	1,138,684,890
		kW	2,427,045	2,517,248
		Class A/B	B	A

3b Enter the number of customers who were Class A during the entire period since the Account 1589 GA balance accumulated (i.e. did not transition between Class A and B).

Class A Customers - Billing Determinants by Customer

Customer	Rate Class		2017	
Customer A1	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	587,915,122	
		kW	1,205,423	
Customer A2	LARGE USE SERVICE CLASSIFICATION	kWh	1,850,630,352	
		kW	3,728,619	



## Incentive Regulation Model for 2019 Filers

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

Year the Account 1589 GA Balance Last Disposed

2016

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

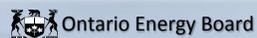
		Total	2017
Total Non-RPP Class B Consumption for Years During Balance Accumulation (Non-RPP Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	10,139,850,020	10,139,850,020
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	1,221,906,382	1,221,906,382
<b>Transition Customers' Portion of Total Consumption</b>	<b>C=B/A</b>	<b>12.05%</b>	

### Allocation of Total GA Balance \$

Total GA Balance	D	\$	59,363,234
Transition Customers Portion of GA Balance	E=C*D	\$	7,153,589
GA Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	\$	52,209,646

### Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers		3				
Customer		Total Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2017	% of kWh	Customer Specific GA Allocation for the Period When They Were a Class B customer	Monthly Equal Payments
Customer 1		14,333,199	14,333,199	1.17%	\$ 83,913	\$ 6,993
Customer 2		94,290,907	94,290,907	7.72%	\$ 552,021	\$ 46,002
Customer 3		1,113,282,277	1,113,282,277	91.11%	\$ 6,517,654	\$ 543,138
Total		1,221,906,382	1,221,906,382	100.00%	\$ 7,153,589	



## Incentive Regulation Model for 2019 Filers

The purpose of this tab is to calculate the GA rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1589 GA was last disposed. Calculations in this tab will be modified upon completion of tab 6.1a, which allocates a portion of the GA balance to transition customers, if applicable.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

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

Rate Rider Recovery to be used below

	Total Metered Non-RPP 2017 Consumption excluding WMP	Total Metered 2017 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period GA balance accumulated	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	153,397,165	0	0	153,397,165	1.7%	\$898,056	\$0.00585 kWh
CLASSIFICATION	kWh	1,359,526	0	0	1,359,526	0.0%	\$7,959	\$0.00585 kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	377,251,568	0	0	377,251,568	4.2%	\$2,208,600	\$0.00585 kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	6,662,212,427	0	192,695,918	6,469,516,509	72.5%	\$37,875,454	\$0.00585 kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	4,368,643,213	587,915,122	2,251,967,167	1,528,760,924	17.1%	\$8,950,053	\$0.00585 kWh
LARGE USE SERVICE CLASSIFICATION	kWh	2,151,600,660	1,850,630,352	28,025,206	272,945,102	3.1%	\$1,597,943	\$0.00585 kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.00000
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	367,204	0	0	367,204	0.0%	\$2,150	\$0.00585 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	114,345,639	0	0	114,345,639	1.3%	\$669,431	\$0.00585 kWh
<b>Total</b>		13,829,177,402	2,438,545,474	2,472,688,291	8,917,943,637	100.0%	\$52,209,646	



## Incentive Regulation Model for 2019 Filers

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

Please enter the Year the Account 1580 CBR Class B was Last Disposed.

2016

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

### Allocation of total Consumption (kWh) between Class B and Class A/B Transition Customers

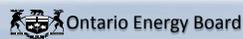
		Total	2017
Total Class B Consumption for Years During Balance Accumulation (Total Consumption LESS WMP Consumption and Consumption for Class A customers who were Class A for partial or full year)	A	19,901,564,378	19,901,564,378
Transition Customers' Class B Consumption (i.e. full year or partial year)	B	1,221,906,382	1,221,906,382
<b>Transition Customers' Portion of Total Consumption</b>	C=B/A	6.14%	18,679,657,996

### Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	D	\$	546,000
Transition Customers Portion of CBR Class B Balance	E=D*C	\$	33,523
CBR Class B Balance to be disposed to Current Class B Customers through Rate Rider	F=D-E	\$	512,477

### Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers		3				
Customer		Total Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers	Metered Class B Consumption (kWh) for Transition Customers During the Period When They were Class B Customers in 2017	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were a Class B Customer	Monthly Equal Payments
Customer 1		14,333,199	14,333,199	1.17%	\$ 393	\$ 33
Customer 2		94,290,907	94,290,907	7.72%	\$ 2,587	\$ 216
Customer 3		1,113,282,277	1,113,282,277	91.11%	\$ 30,543	\$ 2,545
Total		1,221,906,382	1,221,906,382	100.00%	\$ 33,523	\$ 2,794



## Incentive Regulation Model for 2019 Filers

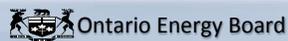
The purpose of this tab is to calculate the CBR rate riders for all current Class B customers who did not transition between Class A and B in the period since the Account 1580, sub-account CBR Class B balance accumulated.

Please select the Year the Account 1580 CBR Class B was Last Disposed.

2016

(Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

		Total Metered 2017 Consumption for Class A customers that were Class A for the entire period CBR Class B balance accumulated				Total Metered 2017 Consumption for Customers that Transitioned Between Class A and B during the period CBR Class B balance accumulated		Metered Consumption for Current Class B Customers (Total Consumption LESS WMP, Class A and Transition Customers' Consumption)		% of total kWh	Total CBR Class B \$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		Total Metered 2017 Consumption Minus WMP	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,510,586,411	0	0	0	0	0	4,510,586,411	0	24.1%	\$123,748.06	\$0.00003	kWh
CLASSIFICATION	kWh	243,482,476	0	0	0	0	0	243,482,476	0	1.3%	\$6,679.95	\$0.00003	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,303,434,007	0	0	0	0	0	2,303,434,007	0	12.3%	\$63,194.77	\$0.00003	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	9,633,467,438	24,356,340	0	0	192,695,918	479,277	9,440,771,520	23,877,063	50.5%	\$259,007.82	\$0.0107	kVA
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	4,592,918,089	10,223,932	587,915,122	1,205,423	2,251,967,167	4,944,294	1,753,035,800	4,074,215	9.4%	\$48,094.58	\$0.0116	kVA
LARGE USE SERVICE CLASSIFICATION	kWh	2,151,600,649	4,576,082	1,850,630,352	3,728,619	28,025,206	81,268	272,945,091	766,195	1.5%	\$7,488.26	\$0.0090	kVA
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0	0	0	0	0.0%	\$0.00	0	kVA
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	41,057,051	0	0	0	0	0	41,057,051	0	0.2%	\$1,126.40	\$0.00003	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	114,345,639	329,945	0	0	0	0	114,345,639	329,945	0.6%	\$3,137.08	\$0.0094	kVA
<b>Total</b>		<b>23,590,891,760</b>	<b>39,486,299</b>	<b>2,438,545,474</b>	<b>4,934,042</b>	<b>2,472,688,291</b>	<b>5,504,838</b>	<b>18,679,657,995</b>	<b>29,047,419</b>	<b>100.0%</b>	<b>\$512,476.92</b>		



## Incentive Regulation Model for 2019 Filers

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

Default Rate Rider Recovery Period (in months)	12	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM Proposed Rate Rider Recovery Period (in months)	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 <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) <sup>2</sup>	Deferral/Variance			Revenue Reconciliation <sup>1</sup>
								Deferral/Variance Account Rate Rider <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,510,586,411	0	4,510,586,411	0	(2,381,730)		(0.00053)	0.0000	0.00095	
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE	kWh	243,482,476	0	243,482,476	0	(135,790)		(0.00056)	0.0000	0.00125	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,303,434,007	0	2,303,434,007	0	(1,171,095)		(0.00051)	0.0000	0.00020	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA	9,691,043,678	24,470,931	9,633,467,438	24,356,340	7,108,359	(11,907,825)	0.2865	(0.4822)	0.1946	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA	4,592,918,089	10,223,932	4,592,918,089	10,223,932	(2,308,361)		(0.2227)	0.0000	0.1250	
LARGE USE SERVICE CLASSIFICATION	kVA	2,424,774,249	5,070,896	2,151,600,649	4,576,082	1,778,567	(2,659,570)	0.3459	(0.5732)	0.2280	
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0		0.0000	0.0000	0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	41,057,051	0	41,057,051	0	(20,635)		(0.00050)	0.0000	0.00000	
STREET LIGHTING SERVICE CLASSIFICATION	kVA	114,345,639	329,945	114,345,639	329,945	(57,469)		(0.1718)	0.0000	0.0000	(11,658,487.75)

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

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



Ontario Energy Board

# Incentive Regulation Model for 2019 Filers

## Summary - Sharing of Tax Change Forecast Amounts

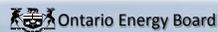
For the 2015 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

### 1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2015	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)		\$ -
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ -	\$ -
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

### 2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income		\$ -
Corporate Tax Rate		12.50%
Tax Impact		\$ -
<b>Grossed-up Tax Amount</b>		\$ -
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ -	\$ -
Total Tax Related Amounts	\$ -	\$ -
Incremental Tax Savings		\$ -
<b>Sharing of Tax Amount (50%)</b>		\$ -



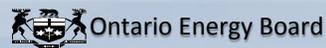
## Incentive Regulation Model for 2019 Filers

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-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kVA							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STANDBY POWER SERVICE CLASSIFICATION	kVA							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kVA							0	0	0	0	0.0%	0.0%	0.0%	0.0%
<b>Total</b>			0	0	0			0	0	0	0	0.0%	0.0%	0.0%	0.0%

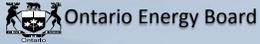
Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,510,586,411		0	0.00 \$/customer
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh	243,482,476		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,303,434,007		0	0.0000 kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA	9,691,043,678	24,470,931	0	0.0000 kVA
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA	4,592,918,089	10,223,932	0	0.0000 kVA
LARGE USE SERVICE CLASSIFICATION	kVA	2,424,774,249	5,070,896	0	0.0000 kVA
STANDBY POWER SERVICE CLASSIFICATION	kVA			0	0.0000 kVA
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	41,057,051		0	0.0000 kWh
STREET LIGHTING SERVICE CLASSIFICATION	kVA	114,345,639	329,945	0	0.0000 kVA
<b>Total</b>		23,921,641,600	40,095,704	\$0	



## Incentive Regulation Model for 2019 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	0.00759	4,510,586,411	0	1.0376	4,680,184,460
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00617	4,510,586,411	0	1.0376	4,680,184,460
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00759	243,482,476	0	1.0376	252,637,417
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00617	243,482,476	0	1.0376	252,637,417
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00739	2,303,434,007	0	1.0376	2,390,043,126
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00552	2,303,434,007	0	1.0376	2,390,043,126
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5690	9,691,043,678	22,688,940		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0515	9,691,043,678	22,688,940		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4821	4,592,918,089	9,471,485		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0494	4,592,918,089	9,471,485		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8295	2,424,774,249	4,708,531		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2769	2,424,774,249	4,708,531		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00460	41,057,051	0	1.0376	42,600,796
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00390	41,057,051	0	1.0376	42,600,796
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2849	114,345,639	329,921		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4461	114,345,639	329,921		



## Incentive Regulation Model for 2019 Filers

Uniform Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.34

Hydro One Sub-Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ 2.5203

If needed, add extra host here. (I)		Unit	2017	2018	2019
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	2017	2018	2019
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	\$	-	\$ -	\$ -

		Historical 2017	Current 2018	Forecast 2019
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	-\$ 10,042,014	-\$ 10,042,014	-\$ 10,042,014



# Incentive Regulation Model for 2019 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 Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3,692,521	\$3.66	\$ 13,514,627	3,648,901	\$0.87	\$ 3,174,544	3,744,494	\$2.02	\$ 7,563,878	\$ 10,738,422
February	3,566,183	\$3.66	\$ 13,052,230	3,581,941	\$0.87	\$ 3,116,289	3,673,730	\$2.02	\$ 7,420,935	\$ 10,537,223
March	3,534,032	\$3.66	\$ 12,934,557	3,586,536	\$0.87	\$ 3,120,286	3,676,918	\$2.02	\$ 7,427,374	\$ 10,547,661
April	3,179,803	\$3.66	\$ 11,638,079	3,547,683	\$0.87	\$ 3,086,484	3,635,074	\$2.02	\$ 7,342,850	\$ 10,429,334
May	3,423,657	\$3.66	\$ 12,530,585	3,427,679	\$0.87	\$ 2,982,081	3,494,380	\$2.02	\$ 7,058,648	\$ 10,040,728
June	4,067,584	\$3.66	\$ 14,887,357	3,990,828	\$0.87	\$ 3,472,020	4,099,542	\$2.02	\$ 8,281,075	\$ 11,753,095
July	4,044,700	\$3.66	\$ 14,803,602	4,018,347	\$0.87	\$ 3,495,962	4,113,327	\$2.02	\$ 8,308,921	\$ 11,804,882
August	3,928,369	\$3.66	\$ 14,377,831	3,930,108	\$0.87	\$ 3,419,194	4,035,509	\$2.02	\$ 8,151,728	\$ 11,570,922
September	4,239,297	\$3.66	\$ 15,515,827	4,238,514	\$0.87	\$ 3,687,507	4,351,391	\$2.02	\$ 8,789,810	\$ 12,477,317
October	3,252,146	\$3.66	\$ 11,902,854	3,316,076	\$0.87	\$ 2,884,986	3,414,958	\$2.02	\$ 6,898,215	\$ 9,783,201
November	3,349,423	\$3.52	\$ 11,789,969	3,312,347	\$0.88	\$ 2,914,865	3,414,801	\$2.13	\$ 7,273,526	\$ 10,188,391
December	3,644,538	\$3.52	\$ 12,828,774	3,641,081	\$0.88	\$ 3,204,151	3,727,966	\$2.13	\$ 7,940,568	\$ 11,144,719
<b>Total</b>	<b>43,922,253</b>	<b>\$ 3.64</b>	<b>\$ 159,776,291</b>	<b>44,240,041</b>	<b>\$ 0.87</b>	<b>\$ 38,558,370</b>	<b>45,382,090</b>	<b>\$ 2.04</b>	<b>\$ 92,457,526</b>	<b>\$ 131,015,896</b>

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.0000			\$0.0000			\$0.0000		\$ -
February		\$0.0000			\$0.0000			\$0.0000		\$ -
March		\$0.0000			\$0.0000			\$0.0000		\$ -
April		\$0.0000			\$0.0000			\$0.0000		\$ -
May		\$0.0000			\$0.0000			\$0.0000		\$ -
June		\$0.0000			\$0.0000			\$0.0000		\$ -
July		\$0.0000			\$0.0000			\$0.0000		\$ -
August		\$0.0000			\$0.0000			\$0.0000		\$ -
September		\$0.0000			\$0.0000			\$0.0000		\$ -
October		\$0.0000			\$0.0000			\$0.0000		\$ -
November		\$0.0000			\$0.0000			\$0.0000		\$ -
December		\$0.0000			\$0.0000			\$0.0000		\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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		\$ -			\$ -			\$ -		\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



## Incentive Regulation Model for 2019 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.

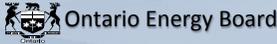
Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ -			\$ -			\$ -		\$ -
February		\$ -			\$ -			\$ -		\$ -
March		\$ -			\$ -			\$ -		\$ -
April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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3,692,521	\$ 3.6600	\$ 13,514,627	3,648,901	\$ 0.8700	\$ 3,174,544	3,744,494	\$ 2.0200	\$ 7,563,878	\$ 10,738,422
February	3,566,183	\$ 3.6600	\$ 13,052,230	3,581,941	\$ 0.8700	\$ 3,116,289	3,673,730	\$ 2.0200	\$ 7,420,935	\$ 10,537,223
March	3,534,032	\$ 3.6600	\$ 12,934,557	3,586,536	\$ 0.8700	\$ 3,120,286	3,676,918	\$ 2.0200	\$ 7,427,374	\$ 10,547,661
April	3,179,803	\$ 3.6600	\$ 11,638,079	3,547,683	\$ 0.8700	\$ 3,086,484	3,635,074	\$ 2.0200	\$ 7,342,850	\$ 10,429,334
May	3,423,657	\$ 3.6600	\$ 12,530,585	3,427,679	\$ 0.8700	\$ 2,982,081	3,494,380	\$ 2.0200	\$ 7,058,648	\$ 10,040,728
June	4,067,584	\$ 3.6600	\$ 14,887,357	3,990,828	\$ 0.8700	\$ 3,472,020	4,099,542	\$ 2.0200	\$ 8,281,075	\$ 11,753,095
July	4,044,700	\$ 3.6600	\$ 14,803,602	4,018,347	\$ 0.8700	\$ 3,495,962	4,113,327	\$ 2.0200	\$ 8,308,921	\$ 11,804,882
August	3,928,369	\$ 3.6600	\$ 14,377,831	3,930,108	\$ 0.8700	\$ 3,419,194	4,035,509	\$ 2.0200	\$ 8,151,728	\$ 11,570,922
September	4,239,297	\$ 3.6600	\$ 15,515,827	4,238,514	\$ 0.8700	\$ 3,687,507	4,351,391	\$ 2.0200	\$ 8,789,810	\$ 12,477,317
October	3,252,146	\$ 3.6600	\$ 11,902,854	3,316,076	\$ 0.8700	\$ 2,884,986	3,414,958	\$ 2.0200	\$ 6,898,215	\$ 9,783,201
November	3,349,423	\$ 3.5200	\$ 11,789,969	3,312,347	\$ 0.8800	\$ 2,914,865	3,414,801	\$ 2.1300	\$ 7,273,526	\$ 10,188,391
December	3,644,538	\$ 3.5200	\$ 12,828,774	3,641,081	\$ 0.8800	\$ 3,204,151	3,727,966	\$ 2.1300	\$ 7,940,568	\$ 11,144,719
<b>Total</b>	43,922,253	\$ 3.64	\$ 159,776,291	44,240,041	\$ 0.87	\$ 38,558,370	45,382,090	\$ 2.04	\$ 92,457,526	\$ 131,015,896

<b>Low Voltage Switchgear Credit (if applicable)</b>	-\$	10,042,014
<b>Total including deduction for Low Voltage Switchgear Credit</b>	<u>\$</u>	<u>120,973,882</u>



# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3,692,521	\$ 3.6100	\$ 13,330,001	3,648,901	\$ 0.9500	\$ 3,466,456	3,744,494	\$ 2.3400	\$ 8,762,116	\$ 12,228,572
February	3,566,183	\$ 3.6100	\$ 12,873,921	3,581,941	\$ 0.9500	\$ 3,402,844	3,673,730	\$ 2.3400	\$ 8,596,528	\$ 11,999,372
March	3,534,032	\$ 3.6100	\$ 12,757,856	3,586,536	\$ 0.9500	\$ 3,407,209	3,676,918	\$ 2.3400	\$ 8,603,988	\$ 12,011,197
April	3,179,803	\$ 3.6100	\$ 11,479,089	3,547,683	\$ 0.9500	\$ 3,370,299	3,635,074	\$ 2.3400	\$ 8,506,073	\$ 11,876,372
May	3,423,657	\$ 3.6100	\$ 12,359,402	3,427,679	\$ 0.9500	\$ 3,256,295	3,494,380	\$ 2.3400	\$ 8,176,849	\$ 11,433,144
June	4,067,584	\$ 3.6100	\$ 14,683,978	3,990,828	\$ 0.9500	\$ 3,791,287	4,099,542	\$ 2.3400	\$ 9,592,928	\$ 13,384,215
July	4,044,700	\$ 3.6100	\$ 14,601,367	4,018,347	\$ 0.9500	\$ 3,817,430	4,113,327	\$ 2.3400	\$ 9,625,185	\$ 13,442,615
August	3,928,369	\$ 3.6100	\$ 14,181,412	3,930,108	\$ 0.9500	\$ 3,733,603	4,035,509	\$ 2.3400	\$ 9,443,091	\$ 13,176,694
September	4,239,297	\$ 3.6100	\$ 15,303,862	4,238,514	\$ 0.9500	\$ 4,026,588	4,351,391	\$ 2.3400	\$ 10,182,255	\$ 14,208,843
October	3,252,146	\$ 3.6100	\$ 11,740,247	3,316,076	\$ 0.9500	\$ 3,150,272	3,414,958	\$ 2.3400	\$ 7,991,002	\$ 11,141,274
November	3,349,423	\$ 3.6100	\$ 12,091,417	3,312,347	\$ 0.9500	\$ 3,146,730	3,414,801	\$ 2.3400	\$ 7,990,634	\$ 11,137,364
December	3,644,538	\$ 3.6100	\$ 13,156,782	3,641,081	\$ 0.9500	\$ 3,459,027	3,727,966	\$ 2.3400	\$ 8,723,440	\$ 12,182,467
<b>Total</b>	<b>43,922,253</b>	<b>\$ 3.61</b>	<b>\$ 158,559,333</b>	<b>44,240,041</b>	<b>\$ 0.95</b>	<b>\$ 42,028,039</b>	<b>45,382,090</b>	<b>\$ 2.34</b>	<b>\$ 106,194,091</b>	<b>\$ 148,222,130</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
February	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
March	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
April	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
May	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
June	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
July	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
August	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
September	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
October	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
November	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 transmission units.

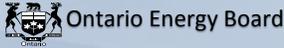
Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$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

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3,692,521	\$ 3.6100	\$ 13,330,001	3,648,901	\$ 0.9500	\$ 3,466,456	3,744,494	\$ 2.3400	\$ 8,762,116	\$ 12,228,572
February	3,566,183	\$ 3.6100	\$ 12,873,921	3,581,941	\$ 0.9500	\$ 3,402,844	3,673,730	\$ 2.3400	\$ 8,596,528	\$ 11,999,372
March	3,534,032	\$ 3.6100	\$ 12,757,856	3,586,536	\$ 0.9500	\$ 3,407,209	3,676,918	\$ 2.3400	\$ 8,603,988	\$ 12,011,197
April	3,179,803	\$ 3.6100	\$ 11,479,089	3,547,683	\$ 0.9500	\$ 3,370,299	3,635,074	\$ 2.3400	\$ 8,506,073	\$ 11,876,372
May	3,423,657	\$ 3.6100	\$ 12,359,402	3,427,679	\$ 0.9500	\$ 3,256,295	3,494,380	\$ 2.3400	\$ 8,176,849	\$ 11,433,144
June	4,067,584	\$ 3.6100	\$ 14,683,978	3,990,828	\$ 0.9500	\$ 3,791,287	4,099,542	\$ 2.3400	\$ 9,592,928	\$ 13,384,215
July	4,044,700	\$ 3.6100	\$ 14,601,367	4,018,347	\$ 0.9500	\$ 3,817,430	4,113,327	\$ 2.3400	\$ 9,625,185	\$ 13,442,615
August	3,928,369	\$ 3.6100	\$ 14,181,412	3,930,108	\$ 0.9500	\$ 3,733,603	4,035,509	\$ 2.3400	\$ 9,443,091	\$ 13,176,694
September	4,239,297	\$ 3.6100	\$ 15,303,862	4,238,514	\$ 0.9500	\$ 4,026,588	4,351,391	\$ 2.3400	\$ 10,182,255	\$ 14,208,843
October	3,252,146	\$ 3.6100	\$ 11,740,247	3,316,076	\$ 0.9500	\$ 3,150,272	3,414,958	\$ 2.3400	\$ 7,991,002	\$ 11,141,274
November	3,349,423	\$ 3.6100	\$ 12,091,417	3,312,347	\$ 0.9500	\$ 3,146,730	3,414,801	\$ 2.3400	\$ 7,990,634	\$ 11,137,364
December	3,644,538	\$ 3.6100	\$ 13,156,782	3,641,081	\$ 0.9500	\$ 3,459,027	3,727,966	\$ 2.3400	\$ 8,723,440	\$ 12,182,467
<b>Total</b>	<b>43,922,253</b>	<b>\$ 3.61</b>	<b>\$ 158,559,333</b>	<b>44,240,041</b>	<b>\$ 0.95</b>	<b>\$ 42,028,039</b>	<b>45,382,090</b>	<b>\$ 2.34</b>	<b>\$ 106,194,091</b>	<b>\$ 148,222,130</b>

Low Voltage Switchgear Credit (if applicable)	-\$	10,042,014
<b>Total including deduction for Low Voltage Switchgear Credit</b>	<b>\$</b>	<b>138,180,116</b>



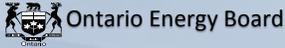
# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3,692,521	\$ 3.6100	\$ 13,330,001	3,648,901	\$ 0.9500	\$ 3,466,456	3,744,494	\$ 2.3400	\$ 8,762,116	\$ 12,228,572
February	3,566,183	\$ 3.6100	\$ 12,873,921	3,581,941	\$ 0.9500	\$ 3,402,844	3,673,730	\$ 2.3400	\$ 8,596,528	\$ 11,999,372
March	3,534,032	\$ 3.6100	\$ 12,757,856	3,586,536	\$ 0.9500	\$ 3,407,209	3,676,918	\$ 2.3400	\$ 8,603,988	\$ 12,011,197
April	3,179,803	\$ 3.6100	\$ 11,479,089	3,547,683	\$ 0.9500	\$ 3,370,299	3,635,074	\$ 2.3400	\$ 8,506,073	\$ 11,876,372
May	3,423,657	\$ 3.6100	\$ 12,359,402	3,427,679	\$ 0.9500	\$ 3,256,295	3,494,380	\$ 2.3400	\$ 8,176,849	\$ 11,433,144
June	4,067,584	\$ 3.6100	\$ 14,683,978	3,990,828	\$ 0.9500	\$ 3,791,287	4,099,542	\$ 2.3400	\$ 9,592,928	\$ 13,384,215
July	4,044,700	\$ 3.6100	\$ 14,601,367	4,018,347	\$ 0.9500	\$ 3,817,430	4,113,327	\$ 2.3400	\$ 9,625,185	\$ 13,442,615
August	3,928,369	\$ 3.6100	\$ 14,181,412	3,930,108	\$ 0.9500	\$ 3,733,603	4,035,509	\$ 2.3400	\$ 9,443,091	\$ 13,176,694
September	4,239,297	\$ 3.6100	\$ 15,303,862	4,238,514	\$ 0.9500	\$ 4,026,588	4,351,391	\$ 2.3400	\$ 10,182,255	\$ 14,208,843
October	3,252,146	\$ 3.6100	\$ 11,740,247	3,316,076	\$ 0.9500	\$ 3,150,272	3,414,958	\$ 2.3400	\$ 7,991,002	\$ 11,141,274
November	3,349,423	\$ 3.6100	\$ 12,091,417	3,312,347	\$ 0.9500	\$ 3,146,730	3,414,801	\$ 2.3400	\$ 7,990,634	\$ 11,137,364
December	3,644,538	\$ 3.6100	\$ 13,156,782	3,641,081	\$ 0.9500	\$ 3,459,027	3,727,966	\$ 2.3400	\$ 8,723,440	\$ 12,182,467
<b>Total</b>	<b>43,922,253</b>	<b>\$ 3.61</b>	<b>\$ 158,559,333</b>	<b>44,240,041</b>	<b>\$ 0.95</b>	<b>\$ 42,028,039</b>	<b>45,382,090</b>	<b>\$ 2.34</b>	<b>\$ 106,194,091</b>	<b>\$ 148,222,130</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
February	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
March	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
April	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
May	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
June	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
July	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
August	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
September	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
October	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
November	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



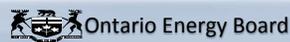
# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 transmission units.

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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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
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August	3,928,369	\$ 3.61	\$ 14,181,412	3,930,108	\$ 0.95	\$ 3,733,603	4,035,509	\$ 2.34	\$ 9,443,091	\$ 13,176,694
September	4,239,297	\$ 3.61	\$ 15,303,862	4,238,514	\$ 0.95	\$ 4,026,588	4,351,391	\$ 2.34	\$ 10,182,255	\$ 14,208,843
October	3,252,146	\$ 3.61	\$ 11,740,247	3,316,076	\$ 0.95	\$ 3,150,272	3,414,958	\$ 2.34	\$ 7,991,002	\$ 11,141,274
November	3,349,423	\$ 3.61	\$ 12,091,417	3,312,347	\$ 0.95	\$ 3,146,730	3,414,801	\$ 2.34	\$ 7,990,634	\$ 11,137,364
December	3,644,538	\$ 3.61	\$ 13,156,782	3,641,081	\$ 0.95	\$ 3,459,027	3,727,966	\$ 2.34	\$ 8,723,440	\$ 12,182,467
<b>Total</b>	<b>43,922,253</b>	<b>\$ 3.61</b>	<b>\$ 158,559,333</b>	<b>44,240,041</b>	<b>\$ 0.95</b>	<b>\$ 42,028,039</b>	<b>45,382,090</b>	<b>\$ 2.34</b>	<b>\$ 106,194,091</b>	<b>\$ 148,222,130</b>
<b>Low Voltage Switchgear Credit (if applicable)</b>										<b>-\$ 10,042,014</b>
<b>Total including deduction for Low Voltage Switchgear Credit</b>										<b>\$ 138,180,116</b>



## Incentive Regulation Model for 2019 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	0.0076	4,680,184,460	0	35,522,600	23.5%	37,258,439	0.0080
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076	252,637,417	0	1,917,518	1.3%	2,011,219	0.0080
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074	2,390,043,126	0	17,662,419	11.7%	18,525,506	0.0078
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5690		22,688,940	58,287,888	38.6%	61,136,171	2.6945
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4821		9,471,485	23,509,173	15.6%	24,657,967	2.6034
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8295		4,708,531	13,322,790	8.8%	13,973,818	2.9678
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	42,600,796	0	195,964	0.1%	205,540	0.0048
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.2849		329,921	753,836	0.5%	790,673	2.3966

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	0.0062	4,680,184,460	0	28,876,738	23.8%	32,900,709	0.00703
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0062	252,637,417	0	1,558,773	1.3%	1,775,988	0.00703
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0055	2,390,043,126	0	13,193,038	10.9%	15,031,487	0.00629
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0515		22,688,940	46,546,361	38.4%	53,032,592	2.3374
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0494		9,471,485	19,410,862	16.0%	22,115,763	2.3350
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2769		4,708,531	10,720,855	8.8%	12,214,805	2.5942
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0039	42,600,796	0	166,143	0.1%	189,295	0.00444
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4461		329,921	807,019	0.7%	919,477	2.7870

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	0.00796	4,680,184,460	0	37,254,268	23.5%	37,254,268	0.00796
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00796	252,637,417	0	2,010,994	1.3%	2,010,994	0.00796
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00775	2,390,043,126	0	18,522,834	11.7%	18,522,834	0.00775
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6945		22,688,940	61,135,350	38.6%	61,135,350	2.6576
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6034		9,471,485	24,658,065	15.6%	24,658,065	2.5677
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9678		4,708,531	13,973,979	8.8%	13,973,979	2.9271
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00482	42,600,796	0	205,336	0.1%	205,336	0.00482
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.3966		329,921	790,688	0.5%	790,688	2.3638

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	0.00703	4,680,184,460	0	32,901,697	23.8%	32,901,697	0.00703
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00703	252,637,417	0	1,776,041	1.3%	1,776,041	0.00703
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00629	2,390,043,126	0	15,033,371	10.9%	15,033,371	0.00629
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3374		22,688,940	53,033,129	38.4%	53,033,129	2.3054
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3350		9,471,485	22,115,918	16.0%	22,115,918	2.3030
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5942		4,708,531	12,214,872	8.8%	12,214,872	2.5587
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00444	42,600,796	0	189,148	0.1%	189,148	0.00444
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7870		329,921	919,489	0.7%	919,489	2.7488



## Incentive Regulation Model for 2019 Filers

OEB Approved Custom  
 Price Cap Index  
 Formula  

$$CPCI = I - X + (Cn - Scap * (1)) - g$$

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

Price Escalator	1.20%	Productivity Factor	0.00%	Capital Factor Value	4.43%	(Cn)	# of Residential Customers (2017 Load Forecast)	616,654	Effective Year of Residential Rate Design Transition (yyyy)	2017	# of Competitive Sector Multi-Unit Residential Customers (2017 Load Forecast)	73,991	Effective Year of Design Transition (yyyy)	2017
Choose Stretch Factor Group	V	Price Cap Index	3.85%	CAPEX SCALE	73.10%	(Scap)	Billed kWh for Residential Class (2017 Load Forecast)	4,851,685,133	OEB-approved # of Transition Years	4	Billed kWh for Competitive Sector Multi-Unit Residential Customers (2017 Load Forecast)	289,587,529	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.60%			Growth Factor Value	0.30%	(g)	Rate Design Transition Years Left	2						

Rate Class	Current 2018 MFC	MFC Adjustment from R/C Model	Current 2018 Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed 2019 MFC	Proposed 2019 Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	32.63		0.01063		3.85%	37.46	0.00552
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	26.8		0.01627		3.85%	30.56	0.00845
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	34.45		0.03187		3.85%	35.78	0.03310
GENERAL SERVICE 50 TO 999 kW SERVICE CLASSIFICATION	49.55		7.7987		3.85%	51.46	8.0989
GENERAL SERVICE 1,000 TO 4,999 kW SERVICE CLASSIFICATION	946.52		6.1355		3.85%	982.96	6.3717
LARGE USE SERVICE CLASSIFICATION	4178.03		6.582		3.85%	4,338.88	6.8354
STANDBY POWER SERVICE CLASSIFICATION	**		**		3.85%	**	**
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	6.87		0.08632		3.85%	7.13	0.08964
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - Connection	0.71				3.85%	0.74	
STREET LIGHTING SERVICE CLASSIFICATION	1.55		34.4231		3.85%	1.61	35.7484
microFIT SERVICE CLASSIFICATION	5.33				3.85%	5.33	

	Projected Rates (With Non-DOS and CPCI)	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates	Revenue at New F/V Split
<b>Rate Design Transition</b>								
Current Residential Fixed Rate (Non-DOS)	34.36	254,258,777	82.6%	8.7%	3.62	91.3%	37.98	281,046,227
Current Residential Variable Rate	0.01104	53,562,604	17.4%			8.7%	0.00552	26,781,302
		307,821,381						307,827,529
Current Residential Fixed Rate (Non-DOS)	28.22	25,056,312	83.7%	8.2%	2.76	91.8%	30.98	27,506,894
Current Residential Variable Rate	0.01690	4,894,029	16.3%			8.2%	0.00845	2,447,015
		29,950,341						29,953,909
Non Days of Service Adjustment (Non-DOS)	1.0139	41,59833839						

<sup>1</sup> These are the residential rates to which the Price Cap Index will be applied to. Wheeling Service Rate will be adjusted for PCI on Sheet 19.

\*\*Please note Standby rates will be adjusted for PCI on Sheet 19.



Ontario Energy Board

# Incentive Regulation Model for 2019 Filers

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

Regulatory Charges	Proposed	
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable) (per 30 days)	\$	0.25

#### Time-of-Use RPP Prices

As of	May 1, 2018	
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

#### Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	\$/kWh	0.0000
------------------------------	--------	--------

#### Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME) (per 30 days)	\$	0.56
-----------------------------------------------	----	------





## Incentive Regulation Model for 2019 Filers

### LARGE USE SERVICE CLASSIFICATION

			- effective until	
			- 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

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

### STREET LIGHTING SERVICE CLASSIFICATION

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

### microFIT SERVICE CLASSIFICATION

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

# GA Analysis Workform

**Account 1589 Global Adjustment (GA) Analysis Workform**

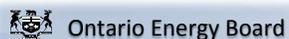
Input cells  
 Drop down cells


Utility Name TORONTO HYDRO-ELECTRIC SYSTEM LIMITED

- Note 1 Year(s) Requested for Disposition
- 2014
  - 2015
  - 2016
  - 2017

Note 7 **Summary of GA (if multiple years requested for disposition)**

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K51)	Net Change in Principal Balance in the GL (cell C62)	Reconciling Items (sum of cells C63 to C75)	Adjusted Net Change in Principal Balance in the GL (cell C76)	Unresolved Difference	\$ Consumption at Actual Rate Paid (cell J51)	Unresolved Difference as % of Expected GA Payments to IESO
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%
2017	\$ 21,655,499	\$ 56,920,193	\$ 31,247,383	\$ 25,672,810	\$ 4,017,311	\$ 1,087,854,317	0.4%
<b>Cumulative Balance</b>	<b>\$ 21,655,499</b>	<b>\$ 56,920,193</b>	<b>-\$ 31,247,383</b>	<b>\$ 25,672,810</b>	<b>\$ 4,017,311</b>	<b>\$ 1,087,854,317</b>	<b>N/A</b>



# GA Analysis Workform

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

Year		2017		
Total Metered excluding WMP	C = A+B	23,590,891,773	kWh	100%
RPP	A	9,761,714,371	kWh	41.4%
Non RPP	B = D+E	13,829,177,402	kWh	58.6%
Non-RPP Class A	D	3,698,003,210	kWh	15.7%
Non-RPP Class B*	E	10,131,174,192	kWh	42.9%

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

Note 3 **GA Billing Rate**

GA is billed on the

1st Estimate

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

Note 4 **Analysis of Expected GA Amount**

Year	2017								
	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Variance (\$)
Calendar Month	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	1,005,360,287	897,447,598	926,599,013	1,034,511,702	0.06687	\$ 69,177,798	0.08227	\$ 85,109,278	\$ 15,931,480
February	990,768,033	926,599,013	806,765,701	870,934,721	0.10559	\$ 91,961,997	0.08639	\$ 75,240,051	-\$ 16,721,947
March	1,032,454,997	806,765,701	872,547,347	1,098,236,643	0.08409	\$ 92,350,719	0.07135	\$ 78,359,184	-\$ 13,991,535
April	957,129,760	872,547,347	904,145,335	988,727,748	0.06874	\$ 67,965,145	0.10778	\$ 106,565,077	\$ 38,599,931
May	973,744,524	904,145,335	827,504,272	897,103,461	0.10623	\$ 95,299,301	0.12307	\$ 110,406,523	\$ 15,107,222
June	993,225,276	827,504,272	923,977,836	1,089,698,841	0.11954	\$ 130,262,599	0.11848	\$ 129,107,519	-\$ 1,155,081
July	994,189,397	923,977,836	1,056,579,236	1,126,790,797	0.10652	\$ 120,025,756	0.11280	\$ 127,102,002	\$ 7,076,246
August	824,445,537	1,056,579,236	872,010,790	639,877,090	0.11500	\$ 73,585,865	0.10109	\$ 64,685,175	-\$ 8,900,690
September	820,329,339	872,010,790	802,491,115	750,809,665	0.12739	\$ 95,645,643	0.08864	\$ 66,551,769	-\$ 29,093,875
October	829,501,657	802,491,115	761,750,943	788,761,455	0.10212	\$ 80,548,323	0.12563	\$ 99,092,105	\$ 18,543,783
November	765,377,008	761,750,943	713,922,095	717,548,159	0.11164	\$ 80,107,077	0.09704	\$ 69,630,873	-\$ 10,476,203
December	688,688,072	713,922,095	850,744,627	825,510,604	0.08391	\$ 69,268,595	0.09207	\$ 76,004,761	\$ 6,736,167
<b>Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)</b>	<b>10,875,213,888</b>	<b>10,365,741,281</b>	<b>10,319,038,310</b>	<b>10,828,510,917</b>		<b>\$ 1,066,198,818</b>		<b>\$ 1,087,854,317</b>	<b>\$ 21,655,499</b>

Calculated Loss Factor

1.0688

## GA Analysis Workform

Note 5 **Reconciling Items**

	Item	Amount	Explanation
	<b>Net Change in Principal Balance in the GL (i.e. Transactions in the Year)</b>	\$ 56,920,193	
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year	\$ -	Not applicable as Toronto Hydro ("TH") records the true-up RPP settlement amounts with the IESO on a quarterly basis. The RPP amounts for 2017 are based on the actual IESO invoices received.
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ -	Not applicable as Toronto Hydro ("TH") records the true-up RPP settlement amounts with the IESO on a quarterly basis. The RPP amounts for 2017 are based on the actual IESO invoices received.
2a	Remove prior year end unbilled to actual revenue differences	\$ -	Refer to 2 (b) explanation below for comparison of 2017 revenues.
2b	Add current year end unbilled to actual revenue differences	-\$ 1,761,152	Actualized 2017 Class B Customers revenue were higher than 2017 recorded revenue and therefore should be a credit in the current year.
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers	\$ -	Not applicable.
3b	Add difference between current year accrual/forecast to actual from long term load transfers	\$ -	Not applicable.
4	Remove GA balances pertaining to Class A customers	\$ 3,542,616	Due to timing differences between Class A GA charges from the IESO and billings to Class A customers, an amount of \$3.5M was included in the RSVA account pertaining to Class A customers.
5	Significant prior period billing adjustments recorded in current year	\$ -	Not applicable.
6	Differences in GA IESO posted rate and rate charged on IESO invoice	\$ -	Not applicable.
7	Differences in actual system losses and billed TLFs	\$ -	Not applicable.
8	Others as justified by distributor	-\$ 33,028,847	Difference due to cyclical billing - the revenue recorded for 2017 as per the GL was lower than the revenue
9			
10			
Note 6	<b>Adjusted Net Change in Principal Balance in the GL</b>	\$ 25,672,810	
	<b>Net Change in Expected GA Balance in the Year Per Analysis</b>	\$ 21,655,499	
	<b>Unresolved Difference</b>	\$ 4,017,311	
	<b>Unresolved Difference as % of Expected GA Payments to IESO</b>	<u>0.4%</u>	



Ontario Energy Board

# 1595 Analysis Workform

Version 1.0

## Account 1595 Analysis Workform

Input cells  
Drop down cells


Utility Name

TORONTO HYDRO-ELECTRIC SYSTEM LIMITED
---------------------------------------

Utility name must be selected

1595 Rate Years Requested for Disposition

- 2012
- 2013
- 2014
- 2015
- 2016

## 1595 Analysis Workform

Step 1

Components of the 1595 Account Balances:	Principal Balance Approved for Disposition	Carrying Charges Balance Approved for Disposition	Total Balances Approved for Disposition	Rate Rider Amounts Collected/Returned	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections>Returns Variance (%)
<b>Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment</b>	-\$5,155,461	\$944,379	-\$4,211,082	-\$4,305,402	\$94,320	-\$38,607	\$55,714	-2.2%
<b>Account 1589 - Global Adjustment</b>			\$0		\$0		\$0	
<b>Total Group 1 and Group 2 Balances</b>	-\$5,155,461	\$944,379	-\$4,211,082	-\$4,305,402	\$94,320	-\$38,607	\$55,714	-2.2%

\*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

### Additional Notes and Comments

The balances relates to the "DECISION AND RATE ORDER EB-2014-0116 -March 1, 2016" when the OEB approved the disposition of the following deferral & variance accounts mentioned as below.  
 Dec 2013 RSVA BALANCES relating to LV charges along with Carrying charges until Mar 01, 2016.  
 Dec 2013 PILs 1592 BALANCES along with Carrying charges as of Mar 01, 2016  
 Residual RARA 2009-2013 balances along with CC until Mar 01, 2016/08/2018  
 Dec 2013 HST BALANCES along with Carrying charges as of Mar 01, 2016.  
 These amounts and their respective carrying charges are being transferred to 2016 RARA account as prescribed by the OEB based on 9 months months disposition.  
 The carrying charges in this continuity is as of Dec 2017  
 "The balances other than the above mentioned are not included in the clearance as those balances are still being cleared through rate rider under progress."



Ontario Energy Board

# Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

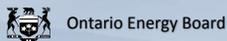
Version 3.0 (2019)

## Generic LRAMVA Work Forms

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

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



## LRAMVA Work Form: Instructions

**Version 3.0 (2019)**

Tab	Instructions
<b>LRAMVA Checklist/Schematic Tab</b>	<p>The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components) but have been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below:</p> <ul style="list-style-type: none"> <li>o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a.</li> <li>o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form.</li> <li>o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved.</li> <li>o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO.</li> <li>o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form.</li> <li>o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable.</li> <li>o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.</li> </ul>
<b>Tab 1. LRAMVA Summary</b>	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
<b>Tab 1-a. Summary of Changes</b>	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
<b>Tab 2. LRAMVA Threshold</b>	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
<b>Tab 3. Distribution Rates</b>	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
<b>Tab 3-a. Rate Class Allocations</b>	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
<b>Tabs 4 and 5 (2011-2020)</b>	<p>Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following:</p> <ul style="list-style-type: none"> <li>o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO.</li> <li>o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table.</li> <li>o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used.</li> <li>o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change.</li> <li>o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.</li> </ul>
<b>Tab 6. Carrying Charges</b>	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
<b>Tab 7. Persistence Report</b>	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
<b>Tab 8. Streetlighting</b>	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).



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## LRAMVA Work Form: Checklist and Schematic

Version 3.0 (2019)

### General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

**LRAMVA (\$) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance**

### Legend

Drop Down List (Blue)

### Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Yes	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

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



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## LRAMVA Work Form: Summary Tab

Version 3.0 (2019)

<b>Legend</b>	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

**LDC Name** | Toronto Hydro

**Application Details**

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

**A. Previous LRAMVA Application**

Previous LRAMVA Application (EB#)	EB-2017-0077
Application of Previous LRAMVA Claim	2018 IRM Application
Period of LRAMVA Claimed in Previous Application	2015-2016
Amount of LRAMVA Claimed in Previous Application	\$ 6,569,357.47

**B. Current LRAMVA Application**

Current LRAMVA Application (EB#)	EB-2018-0071
Application of Current LRAMVA Claim	2019 IRM Application
Period of New LRAMVA in this Application	2017
Period of Rate Recovery (# years)	1

**C. Documentation of Changes**

Original Amount	\$12,334,963
Amount for Final Disposition	

Actual Lost Revenues (\$)	A	\$	15,389,045
Forecast Lost Revenues (\$)	B	\$	3,340,830
Carrying Charges (\$)	C	\$	286,748
LRAMVA (\$) for Account 1568	A-B+C	\$	12,334,963



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## LRAMVA Work Form: Summary Tab

Version 3.0 (2019)

**Table 1-a. LRAMVA Totals by Rate Class**

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

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

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

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$4,171,387	\$99,279	\$4,270,666
Competitive Sector Multi-Unit Residential Service	kWh	\$298,299	\$7,100	\$305,398
GS <50kW	kWh	\$451,645	\$10,749	\$462,394
GS 50-999kW	kW	\$4,716,409	\$112,251	\$4,828,660
GS 1000-4999kW	kW	\$1,265,308	\$30,114	\$1,295,423
Large Use	kW	\$1,145,166	\$27,255	\$1,172,421
<b>Total</b>		<b>\$12,048,215</b>	<b>\$286,748</b>	<b>\$12,334,963</b>

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

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

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

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

Description	LRAMVA Previously Claimed	Residential	Competitive Sector Multi-Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use				Total
		kWh	kWh	kWh	kW	kW	kW	0	0	0	
2017 Actuals	☑	\$4,438,127.29	\$306,620.65	\$1,653,592.36	\$6,020,444.97	\$1,541,003.61	\$1,429,255.95	\$0.00	\$0.00	\$0.00	\$15,389,044.83
2017 Forecast		(\$266,739.91)	(\$8,321.81)	(\$1,201,947.04)	(\$1,304,035.50)	(\$275,695.42)	(\$284,090.07)	\$0.00	\$0.00	\$0.00	(\$3,340,829.74)
Amount Cleared											
Carrying Charges		\$99,279.02	\$7,099.51	\$10,749.16	\$112,250.55	\$30,114.33	\$27,254.95	\$0.00	\$0.00	\$0.00	\$286,747.52
<b>Total LRAMVA Balance</b>		<b>\$4,270,666</b>	<b>\$305,398</b>	<b>\$462,394</b>	<b>\$4,828,660</b>	<b>\$1,295,423</b>	<b>\$1,172,421</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,334,963</b>

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



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## LRAMVA Work Form: Summary of Changes

Version 3.0 (2019)

**Legend**

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

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

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

No.	Tab	Cell Reference	Description	Rationale
1	3. Distribution Rates	K23, K30, K37	Changed rounding to 5 decimal places.	Toronto Hydro's billing units for customers that are billed on \$/kWh include 5 decimal places.
2	5. 2015-2020 LRAM	Column B	Edited the default programs listed. Deleted programs that are not delivered by Toronto Hydro.	To align programs with those delivered by THESL.
3	5. 2015-2020 LRAM	N80, N114, N297, N480, N573	Home Assistance Program multiplier changed to 12	A portion of the participants for the Home Assistance program reside in buildings with only General Service (Non-Residential) bulk accounts. For the portion of savings allocated to General Service accounts greater than 50 kW, the demand multiplier was changed to 12 months.
4	5. 2015-2020 LRAM	Y57:AD57 Y118:AD118 Y121:AD121 Y301:AD330	Updated 2015-2016 rate class allocations due to 2015-2016 program savings adjustments in the 2017 Final Verified Results	Savings adjustments were applied to some programs in years 2015-2016. Therefore, rate class allocations for these programs were updated accordingly

**Table A-2. Updates to LRAMVA Disposition**

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

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



## LRAMVA Work Form: Forecast Lost Revenues

Version 3.0 (2019)

**Legend**

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

**Table 2-a. LRAMVA Threshold**

2015

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

	Total	Residential	Competitive Sector Multi-Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use				
		kWh	kWh	kWh	kW	kW	kW	0.0	0.0	0.0	0.0
kWh	55,893,405	17,641,528	359,473	37,892,403							
kW	238,029				155,436.49	42,036.59	40,556.14				
Summary		17,641,528.12	359,473.50	37,892,403.44	155,436.49	42,036.59	40,556.14	-	0	0	0

Years Included in Threshold

2015

Source of Threshold

EB-2014-0116, THESL Decision and Order, p. 38

**Table 2-c. Inputs for LRAMVA Thresholds**

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	Competitive Sector Multi-Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use				
		kWh	kWh	kWh	kW	kW	kW	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0
2017	2015	17,641,528	359,473	37,892,403	155,436	42,037	40,556	0	0	0	0

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



## LRAMVA Work Form: Distribution Rates

Version 3.0 (2019)

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

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

Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-0254	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)								0				
Period 2 (# months)	12	12	12	12	12	12	12	12	12	12	12	12
<b>Residential</b>								\$ 0.01512				
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01512	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01512	\$ -	\$ -	\$ -	\$ -
<b>Competitive Sector Multi-Unit Residential Service</b>								\$ 0.02315				
Rate rider for tax sharing												
Rate rider for foregone revenue												
Other												
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.02315	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.02315	\$ -	\$ -	\$ -	\$ -
<b>GS &lt;50kW</b>								\$ 0.03023				
Rate rider for foregone revenue 1								\$ 0.00076				
Rate rider for foregone revenue 2								\$ 0.00024				
Rate Rider for Application of IFRS – 2014 Derecognition								\$ 0.00049				
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.03172	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.03172	\$ -	\$ -	\$ -	\$ -
<b>GS 50-999kW</b>								\$ 7.39770				
Rate rider for foregone revenue 1								\$ 0.16590				
Rate rider for foregone revenue 2								\$ 0.04980				
Rate Rider for Application of IFRS – 2014 Derecognition								\$ 0.07810				
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7.6915	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7.6915	\$ -	\$ -	\$ -	\$ -
<b>GS 1000-4999kW</b>								\$ 5.8201				
Rate rider for foregone revenue 1								\$ 0.1226				
Rate rider for foregone revenue 2								\$ 0.0356				
Rate Rider for Application of IFRS – 2014 Derecognition								\$ 0.0627				
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.0410	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.0410	\$ -	\$ -	\$ -	\$ -
<b>Large Use</b>								\$ 6.2436				
Rate rider for foregone revenue 1								\$ 0.1382				
Rate rider for foregone revenue 2								\$ 0.0406				
Rate Rider for Application of IFRS – 2014 Derecognition								\$ 0.0648				
Adjusted rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.4872	\$ -	\$ -	\$ -	\$ -
Calendar year equivalent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.4872	\$ -	\$ -	\$ -	\$ -

Note: Rate Riders used for 2017 LRAMVA calculations are consistent with previously OEB-approved LRAM.

**Table 3-a. Distribution Rates by Rate Class**

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

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

Year	Residential	Competitive Sector Multi-Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use							
	kWh	kWh	kWh	kW	kW	0	0	0	0	0	0	0	
2011	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2012	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2013	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2014	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2015	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2016	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2017	\$0.0151	\$0.0232	\$0.0317	\$7.6915	\$6.0410	\$6.4872	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition













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## LRAMVA Work Form: Carrying Charges by Rate Class

**Legend**

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

**Instructions**

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.
2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.
3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts included in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

**Table 6. Prescribed Interest Rates**

Quarter	Approved Deferral & Variance Accounts
---------	---------------------------------------

**Table 6-a. Calculation of Carrying Costs by Rate Class**

[Go to Tab 1: Summary](#)

Month	Period	Quarter	Monthly Rate	Competitive Sector Multi-Residential					
				Residential	Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use
Amount Cleared									
<b>Opening Balance for 2017</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Jan-17	2011-2017	Q1	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-17	2011-2017	Q1	0.09%	\$318.65	\$22.79	\$34.50	\$360.28	\$96.66	\$87.48
Mar-17	2011-2017	Q1	0.09%	\$637.30	\$45.57	\$69.00	\$720.56	\$193.31	\$174.96
Apr-17	2011-2017	Q2	0.09%	\$955.94	\$68.36	\$103.50	\$1,080.84	\$289.97	\$262.43
May-17	2011-2017	Q2	0.09%	\$1,274.59	\$91.15	\$138.00	\$1,441.13	\$386.62	\$349.91
Jun-17	2011-2017	Q2	0.09%	\$1,593.24	\$113.93	\$172.50	\$1,801.41	\$483.28	\$437.39
Jul-17	2011-2017	Q3	0.09%	\$1,911.89	\$136.72	\$207.00	\$2,161.69	\$579.93	\$524.87
Aug-17	2011-2017	Q3	0.09%	\$2,230.53	\$159.51	\$241.50	\$2,521.97	\$676.59	\$612.35
Sep-17	2011-2017	Q3	0.09%	\$2,549.18	\$182.29	\$276.01	\$2,882.25	\$773.24	\$699.82
Oct-17	2011-2017	Q4	0.13%	\$3,910.68	\$279.66	\$423.42	\$4,421.63	\$1,186.23	\$1,073.59
Nov-17	2011-2017	Q4	0.13%	\$4,345.20	\$310.73	\$470.46	\$4,912.93	\$1,318.03	\$1,192.88
Dec-17	2011-2017	Q4	0.13%	\$4,779.71	\$341.80	\$517.51	\$5,404.22	\$1,449.83	\$1,312.17
<b>Total for 2017</b>				<b>\$24,506.90</b>	<b>\$1,752.51</b>	<b>\$2,653.42</b>	<b>\$27,708.91</b>	<b>\$7,433.69</b>	<b>\$6,727.85</b>
Amount Cleared									
<b>Opening Balance for 2018</b>				<b>\$24,506.90</b>	<b>\$1,752.51</b>	<b>\$2,653.42</b>	<b>\$27,708.91</b>	<b>\$7,433.69</b>	<b>\$6,727.85</b>
Jan-18	2011-2018	Q1	0.13%	\$5,214.23	\$372.87	\$564.56	\$5,895.51	\$1,581.64	\$1,431.46
Feb-18	2011-2018	Q1	0.13%	\$5,214.23	\$372.87	\$564.56	\$5,895.51	\$1,581.64	\$1,431.46
Mar-18	2011-2018	Q1	0.13%	\$5,214.23	\$372.87	\$564.56	\$5,895.51	\$1,581.64	\$1,431.46
Apr-18	2011-2018	Q2	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
May-18	2011-2018	Q2	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Jun-18	2011-2018	Q2	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Jul-18	2011-2018	Q3	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Aug-18	2011-2018	Q3	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Sep-18	2011-2018	Q3	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Oct-18	2011-2018	Q4	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Nov-18	2011-2018	Q4	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
Dec-18	2011-2018	Q4	0.16%	\$6,569.94	\$469.82	\$711.34	\$7,428.34	\$1,992.86	\$1,803.64
<b>Total for 2018</b>				<b>\$99,279.02</b>	<b>\$7,099.51</b>	<b>\$10,749.16</b>	<b>\$112,250.55</b>	<b>\$30,114.33</b>	<b>\$27,254.95</b>
Amount Cleared									





**Ontario Energy Board**

**Supporting Documentation:**  
**LDC Persistence Savings Results from IESO**

Version 3.0 (2019)

**Legend**

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

- Instruction**
- Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.
  - Please identify the source of the report via the dropdown list in Column I.
  - To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.
  - Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.
  - Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

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

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

Step:	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30	#31	#32	#33	#34	#35	#36	#37	#38	#39	#40	#41	#42	#43	#44	#45	#46	#47	#48	#49	#50	#51	#52	#53	#54	#55	#56	#57	#58	#59	#60	#61	#62	#63	#64	#65	#66	#67	#68	#69	#70	#71	#72	#73	#74	#75	#76	#77	#78	#79	#80	#81	#82	#83	#84	#85	#86	#87	#88	#89	#90	#91	#92	#93	#94	#95	#96	#97	#98	#99	#100	#101	#102	#103	#104	#105	#106	#107	#108	#109	#110	#111	#112	#113	#114	#115	#116	#117	#118	#119	#120	#121	#122	#123	#124	#125	#126	#127	#128	#129	#130	#131	#132	#133	#134	#135	#136	#137	#138	#139	#140	#141	#142	#143	#144	#145	#146	#147	#148	#149	#150	#151	#152	#153	#154	#155	#156	#157	#158	#159	#160	#161	#162	#163	#164	#165	#166	#167	#168	#169	#170	#171	#172	#173	#174	#175	#176	#177	#178	#179	#180	#181	#182	#183	#184	#185	#186	#187	#188	#189	#190	#191	#192	#193	#194	#195	#196	#197	#198	#199	#200	#201	#202	#203	#204	#205	#206	#207	#208	#209	#210	#211	#212	#213	#214	#215	#216	#217	#218	#219	#220	#221	#222	#223	#224	#225	#226	#227	#228	#229	#230	#231	#232	#233	#234	#235	#236	#237	#238	#239	#240	#241	#242	#243	#244	#245	#246	#247	#248	#249	#250	#251	#252	#253	#254	#255	#256	#257	#258	#259	#260	#261	#262	#263	#264	#265	#266	#267	#268	#269	#270	#271	#272	#273	#274	#275	#276	#277	#278	#279	#280	#281	#282	#283	#284	#285	#286	#287	#288	#289	#290	#291	#292	#293	#294	#295	#296	#297	#298	#299	#300	#301	#302	#303	#304	#305	#306	#307	#308	#309	#310	#311	#312	#313	#314	#315	#316	#317	#318	#319	#320	#321	#322	#323	#324	#325	#326	#327	#328	#329	#330	#331	#332	#333	#334	#335	#336	#337	#338	#339	#340	#341	#342	#343	#344	#345	#346	#347	#348	#349	#350	#351	#352	#353	#354	#355	#356	#357	#358	#359	#360	#361	#362	#363	#364	#365	#366	#367	#368	#369	#370	#371	#372	#373	#374	#375	#376	#377	#378	#379	#380	#381	#382	#383	#384	#385	#386	#387	#388	#389	#390	#391	#392	#393	#394	#395	#396	#397	#398	#399	#400	#401	#402	#403	#404	#405	#406	#407	#408	#409	#410	#411	#412	#413	#414	#415	#416	#417	#418	#419	#420	#421	#422	#423	#424	#425	#426	#427	#428	#429	#430	#431	#432	#433	#434	#435	#436	#437	#438	#439	#440	#441	#442	#443	#444	#445	#446	#447	#448	#449	#450	#451	#452	#453	#454	#455	#456	#457	#458	#459	#460	#461	#462	#463	#464	#465	#466	#467	#468	#469	#470	#471	#472	#473	#474	#475	#476	#477	#478	#479	#480	#481	#482	#483	#484	#485	#486	#487	#488	#489	#490	#491	#492	#493	#494	#495	#496	#497	#498	#499	#500	#501	#502	#503	#504	#505	#506	#507	#508	#509	#510	#511	#512	#513	#514	#515	#516	#517	#518	#519	#520	#521	#522	#523	#524	#525	#526	#527	#528	#529	#530	#531	#532	#533	#534	#535	#536	#537	#538	#539	#540	#541	#542	#543	#544	#545	#546	#547	#548	#549	#550	#551	#552	#553	#554	#555	#556	#557	#558	#559	#560	#561	#562	#563	#564	#565	#566	#567	#568	#569	#570	#571	#572	#573	#574	#575	#576	#577	#578	#579	#580	#581	#582	#583	#584	#585	#586	#587	#588	#589	#590	#591	#592	#593	#594	#595	#596	#597	#598	#599	#600	#601	#602	#603	#604	#605	#606	#607	#608	#609	#610	#611	#612	#613	#614	#615	#616	#617	#618	#619	#620	#621	#622	#623	#624	#625	#626	#627	#628	#629	#630	#631	#632	#633	#634	#635	#636	#637	#638	#639	#640	#641	#642	#643	#644	#645	#646	#647	#648	#649	#650	#651	#652	#653	#654	#655	#656	#657	#658	#659	#660	#661	#662	#663	#664	#665	#666	#667	#668	#669	#670	#671	#672	#673	#674	#675	#676	#677	#678	#679	#680	#681	#682	#683	#684	#685	#686	#687	#688	#689	#690	#691	#692	#693	#694	#695	#696	#697	#698	#699	#700	#701	#702	#703	#704	#705	#706	#707	#708	#709	#710	#711	#712	#713	#714	#715	#716	#717	#718	#719	#720	#721	#722	#723	#724	#725	#726	#727	#728	#729	#730	#731	#732	#733	#734	#735	#736	#737	#738	#739	#740	#741	#742	#743	#744	#745	#746	#747	#748	#749	#750	#751	#752	#753	#754	#755	#756	#757	#758	#759	#760	#761	#762	#763	#764	#765	#766	#767	#768	#769	#770	#771	#772	#773	#774	#775	#776	#777	#778	#779	#780	#781	#782	#783	#784	#785	#786	#787	#788	#789	#790	#791	#792	#793	#794	#795	#796	#797	#798	#799	#800	#801	#802	#803	#804	#805	#806	#807	#808	#809	#810	#811	#812	#813	#814	#815	#816	#817	#818	#819	#820	#821	#822	#823	#824	#825	#826	#827	#828	#829	#830	#831	#832	#833	#834	#835	#836	#837	#838	#839	#840	#841	#842	#843	#844	#845	#846	#847	#848	#849	#850	#851	#852	#853	#854	#855	#856	#857	#858	#859	#860	#861	#862	#863	#864	#865	#866	#867	#868	#869	#870	#871	#872	#873	#874	#875	#876	#877	#878	#879	#880	#881	#882	#883	#884	#885	#886	#887	#888	#889	#890	#891	#892	#893	#894	#895	#896	#897	#898	#899	#900	#901	#902	#903	#904	#905	#906	#907	#908	#909	#910	#911	#912	#913	#914	#915	#916	#917	#918	#919	#920	#921	#922	#923	#924	#925	#926	#927	#928	#929	#930	#931	#932	#933	#934	#935	#936	#937	#938	#939	#940	#941	#942	#943	#944	#945	#946	#947	#948	#949	#950	#951	#952	#953	#954	#955	#956	#957	#958	#959	#960	#961
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## 2017 Final Verified Annual LDC CDM Program Results Report Letter from the Vice-President, Policy, Engagement & Innovation

June 29, 2018

To: Ontario's Local Distribution Companies

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

**Key highlights from the 2017 results include:**

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

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

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

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

Sincerely,

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

# 2017 Final Verified Annual LDC CDM Program Results Report

## Table of Contents

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

# 2017 Final Verified Annual LDC CDM Program Results Report

## How to Use this Report

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

This report provides:

- 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 and peak demand savings;
  - b) allocated target, target achievement and progress towards target;
  - c) incremental net first year energy and peak demand savings;
  - d) annual net-to-gross and realization rate adjustments; and
  - e) incremental gross first year energy and peak demand savings; and where available reported by: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);
- 3) program spending including:
  - a) participation incentive spending;
  - b) administrative expense spending (including IESO value-added services costs);
  - c) aggregated total spending; and
  - d) allocated budget, LDC CDM Plan budget spending and progress towards budget; and for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);
- 4) program savings results persistence for:
  - a) gross energy savings;
  - b) gross peak demand savings;
  - c) net energy savings; and
  - d) net peak demand savings;

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

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

Please note:

- 1) Cost Effectiveness Test (CET) results at the: a) province-wide / program level is available and posted separately on LDC Extranet; b) LDC / program level will be available on the LDC Extranet by September 15, 2018; as per the Energy Conservation Agreement, version 3.0;
- 2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on approved LDC CDM Plan - Cost Effectiveness Tools as of December 31, 2017 (from the i) Program Design; ii) Budget Inputs; and iii) Savings Results worksheets);
- 3) Annual FCR Progress only includes Full Cost Recovery funding model program savings results and excludes Pay-for-Performance funding model program savings results;
- 4) The complete list of approved programs and pilots as of December 31, 2017 approved LDC CDM Plans have been included, however only programs and pilots in market for a sufficient period of time to enable a valid EM&V process will have verified results;
- 5) 2017 Verified Adjustments to prior years consists of projects completed in the associated year but were not reported to the IESO by previous year's reporting deadlines (March 31, 2016 and April 15, 2017);
- 6) Pilot program savings are attributed to the LDC where the pilot program project is located in; and
- 7) This Annual Verified Results Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;

# 2017 Final Verified Annual LDC CDM Program Results Report Summary

For: Toronto Hydro-Electric System Limited

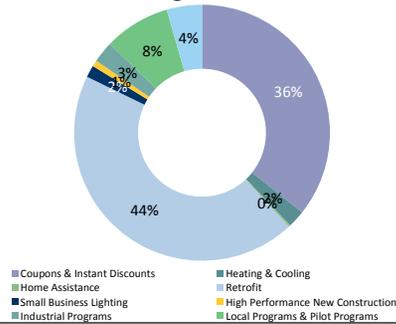
## Results

#	Metric	2015 Verified Results	2016 Verified Results	2017 Verified Results	2015-2017 Verified Results	Allocated Target / Budget	2015-2017 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2020 LDC CDM Plan Forecast	2017 LDC CDM Plan Forecast	2017 Progress versus 2017 LDC CDM Plan Forecast	2015-2017 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2017 LDC CDM Plan Forecast
1	Net Verified Annual Energy Savings Persisting to 2020	285,240 MWh	363,372 MWh	333,339 MWh	981,951 MWh	1,556,050 MWh	63 %	1,568,164 MWh	63 %	301,610 MWh	111 %	769,478 MWh	128 %
2	LDC Ranking - Net Verified Annual Energy Savings Persisting to 2020	3	1	3	3	2	39	2	38	2	51	2	30
3	Total Spending (\$)	\$ 8,252,516	\$ 42,616,315	\$ 70,906,732	\$ 121,775,563	\$ 396,296,506	31 %	\$ 395,720,870	31 %	\$ 73,852,676	96 %	\$ 146,708,281	83 %
4	LDC Ranking - Total Spending (\$)	2	2	3	3	2	32	2	34	3	30	2	38

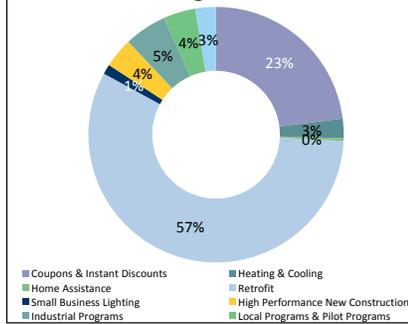
## Annual FCR Progress

#	Metric	2015 Program Year	2016 Program Year	2017 Program Year	Total 2015-2017 Framework-to-Date
1	Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	59,415 MWh	355,686 MWh	330,109 MWh	745,211 MWh
2	CDM Plan Forecasted Net 2020 Annual Energy Savings from Full Cost Recovery Programs	19,224 MWh <i>(2015 Annual Milestone from FCR Programs)</i>	262,038 MWh <i>(2016 Annual Milestone from FCR Programs)</i>	297,350 MWh <i>(2017 Annual Milestone from FCR Programs)</i>	578,612 MWh <i>(Cumulative FCR Milestone)</i>
<b>FCR Progress</b>					<b>128.8 %</b>

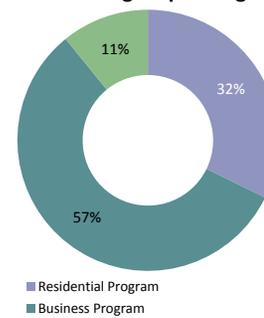
2017 Target Achievement



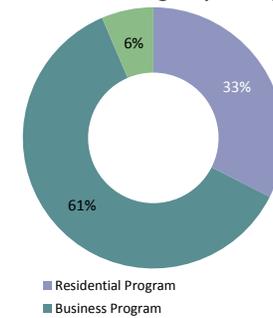
2015-2017 Target Achievement

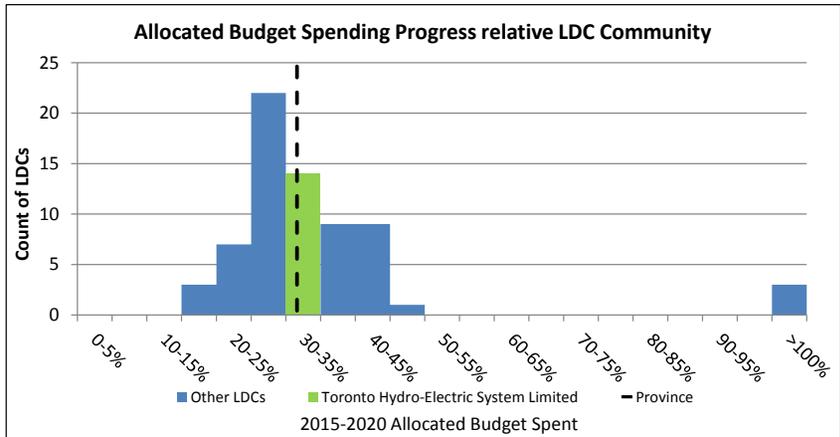
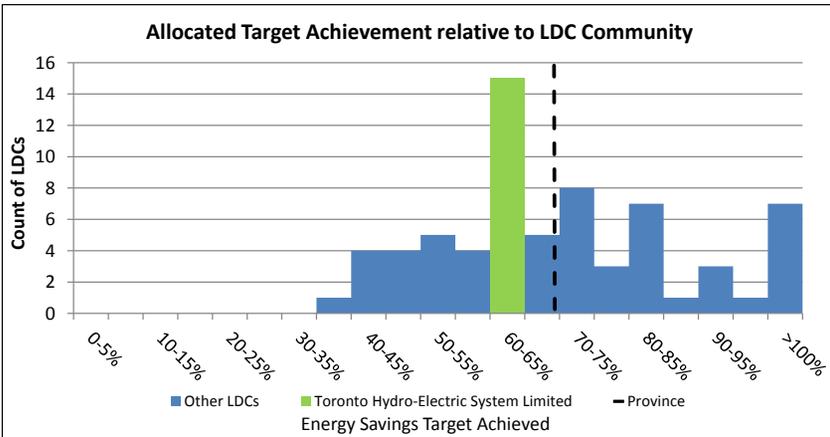
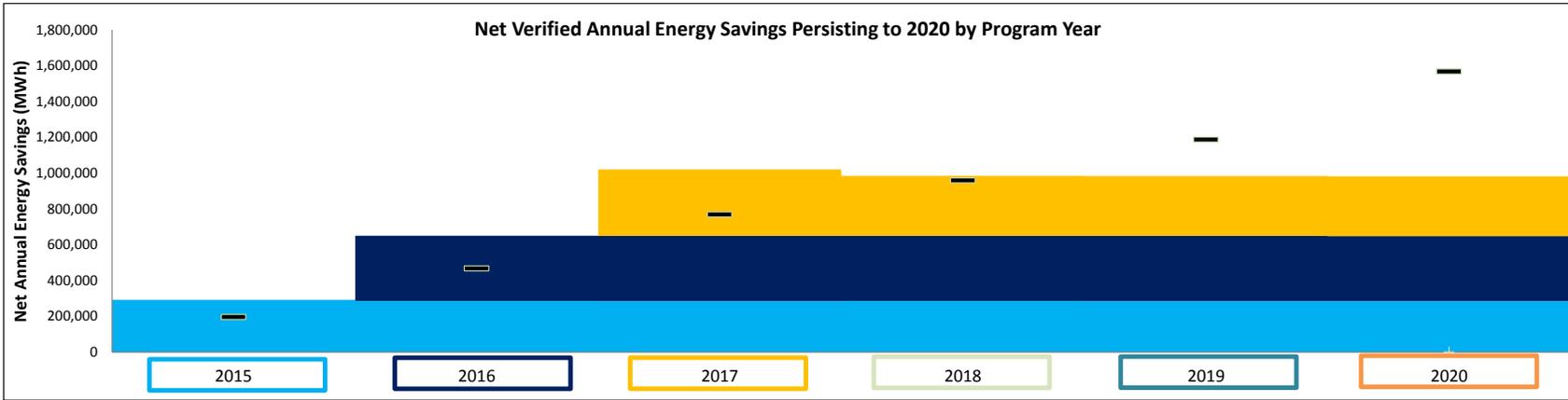


2017 Budget Spending



2015-2017 Budget Spending





# 2017 Final Verified Annual LDC CDM Program Results Report

## LDC Rankings

#	LDC	Net Verified Annual Energy Savings Persisting to 2020																																						
		2015 Verified Savings		2016 Verified 2015 Adjustment Savings		2017 Verified 2015 Adjustment Savings		Total Verified 2015 Savings		2016 Verified 2016 Savings		2017 Verified 2016 Adjustment Savings		Total Verified 2016 Savings		2017 Verified 2017 Savings		Total Verified 2017 Savings		Allocated Savings Target		2017 Progress Savings versus Allocated Savings Target		2015-2017 Progress Savings versus Allocated Savings Target		2015-2020 LDC CDM Plan Savings Forecast		2017 Progress versus 2015-2020 LDC CDM Plan Savings Forecast		2015-2017 LDC CDM Plan Savings Forecast		2015-2017 Progress versus 2015-2017 LDC CDM Plan Savings Forecast								
		Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (%)	LDC Ranking (n)	Value (%)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (%)	LDC Ranking (n)	Value (kWh)	LDC Ranking (n)	Value (%)	LDC Ranking (n)					
1	Alectra Utilities Corporation	236,507,877	1	49,683,641	4	7,876,715	4	294,068,233	2	270,546,686	1	66,822,298	2	337,368,984	2	366,739,097	2	998,176,314	1	1,604,550,000	1	23	48	62	44	1,812,764,173	1	20	47	55	52	307,480,120	1	119	47	954,521,164	1	105	56	
2	Algoma Power Inc.	1,031,921	54	25,818	58	20,451	43	1,077,279	55	1,285,402	49	142,557	54	1,427,959	52	2,232,142	47	4,237,380	52	7,510,000	51	30	14	63	40	11,809,134	44	19	50	40	67	1,438,618	48	155	25	3,363,519	50	141	20	
3	Anishnabe Hydro	107,769	64	2,444	66	2,898	50	115,111	64	189,375	65	26,791	65	216,146	64	369,238	63	700,497	64	1,140,000	64	32	6	61	47	1,139,736	65	32	7	61	42	284,658	63	130	38	523,006	64	134	24	
4	Attawapiskat Power Corporation	35,822	67	2,343	67	0	54	38,165	67	0	66	151,932	52	151,932	67	81,504	67	271,601	67	510,000	67	16	62	53	57	556,816	66	15	64	49	59	85,726	67	95	56	295,070	67	92	63	
5	Bluewater Power Distribution Corporation	7,755,327	18	268,687	42	104,044	29	8,128,057	27	5,570,598	25	3,159,895	15	8,730,493	24	9,473,952	24	26,332,502	24	62,370,000	17	15	64	42	65	62,370,000	17	15	62	42	64	8,620,634	19	110	52	23,460,544	24	112	51	
6	Brantford Power Inc.	7,457,011	19	1,458,523	21	394,168	19	9,309,702	23	10,499,455	16	1,678,380	27	12,077,835	18	15,051,712	17	36,439,249	18	54,320,000	19	28	21	67	33	54,880,608	20	27	20	66	32	10,927,959	15	138	31	28,688,810	17	127	31	
7	Burlington Hydro Inc.	12,632,309	15	1,975,945	18	56,494	36	14,664,748	18	11,531,861	12	8,290,897	7	19,822,758	10	27,467,720	9	61,955,226	13	99,040,000	10	28	20	63	42	99,040,000	10	28	18	63	39	18,513,596	12	148	27	46,810,503	13	132	26	
8	Canadian Niagara Power Inc.	3,502,396	34	5,579,808	8	7,296	45	9,089,500	24	5,553,280	26	2,368,147	18	7,921,427	26	6,976,358	27	23,987,285	27	28,480,000	29	24	38	84	13	24,194,712	33	29	13	99	5	4,095,930	32	170	17	15,083,221	32	159	12	
9	Centre Wellington Hydro Ltd.	1,581,029	50	109,771	50	8,233	63	1,682,766	50	1,548,975	47	275,615	47	1,824,590	47	2,651,910	45	6,159,267	48	8,730,000	47	30	12	71	30	8,730,766	47	30	10	71	28	3,001,875	36	88	63	5,612,228	44	110	54	
10	Chapleau Public Utilities Corporation	275,333	61	3,485	64	106	53	278,924	61	191,711	64	20,153	67	211,864	65	208,141	65	698,929	65	1,050,000	65	20	53	67	34	1,151,954	64	18	52	61	44	193,881	64	107	53	568,319	63	123	40	
11	COLLUS PowerStream Corp.	1,637,947	48	385,929	36	65,914	68	1,957,962	49	2,194,349	41	334,254	45	2,528,603	41	7,144,137	31	11,630,702	36	16,860,000	36	42	3	69	32	17,119,142	36	42	3	68	30	3,143,620	35	227	8	9,944,639	36	117	45	
12	Cooperative Hydro Embarras Inc.	120,443	63	19,234	59	-776	58	138,901	63	730,806	54	37,973	62	768,779	55	473,278	62	1,380,958	62	1,790,000	62	26	30	77	21	1,789,996	62	26	26	77	19	297,783	62	159	24	1,087,283	62	127	32	
13	E.L.K. Energy Inc.	1,662,553	46	583,829	32	-6,331	62	2,240,051	44	1,963,393	45	10,780	50	2,134,263	46	2,282,262	46	6,656,576	47	16,200,000	38	14	67	41	66	16,200,000	38	14	66	41	65	1,950,353	41	117	48	5,294,907	45	126	34	
14	Energy Inc.	17,245,241	10	60,025,983	3	2,174,426	9	79,445,650	4	14,252,795	9	3,201,967	14	17,454,762	12	30,417,739	8	127,318,151	5	100,950,000	9	30	13	126	3	173,121,066	6	18	53	74	24	18,899,002	11	161	22	109,978,691	5	116	49	
15	Entegris Powerlines Inc.	38,558,192	6	3,536,019	9	46,251	39	42,140,462	7	14,186,934	10	2,296,797	20	16,483,731	13	15,073,023	16	73,697,216	11	76,830,000	14	20	54	96	8	64,007,244	13	16	60	78	17	11,953,789	14	126	43	67,764,761	9	109	53	
16	EnWin Utilities Ltd.	14,809,440	12	2,675,379	13	1,566,699	12	19,051,518	13	29,365,888	6	5,610,271	8	34,976,159	6	26,944,422	12	80,972,099	10	151,300,000	7	18	58	54	56	154,881,896	7	17	56	52	56	39,325,965	5	69	67	78,738,795	7	103	58	
17	Erie Thames Powerlines Corporation	5,180,177	24	922,335	28	2,325,032	8	8,427,543	26	2,555,215	37	1,613,301	26	4,168,516	35	7,616,612	28	20,212,671	30	27,630,000	30	28	22	73	27	36,494,810	26	21	45	55	51	8,092,628	20	94	57	16,797,747	30	120	41	
18	Espanola Regional Hydro Distribution Corporation	502,006	58	14,537	60	-1,644	60	514,899	59	339,978	62	33,488	63	373,466	62	1,047,355	56	1,935,720	60	2,410,000	61	43	2	80	7	2,528,596	61	41	4	77	20	637,971	61	164	19	1,494,440	61	130	27	
19	Essex Powerlines Corporation	3,819,710	33	1,720,380	20	10,710,254	1	16,250,344	15	7,059,017	23	3,038,974	16	10,097,991	23	7,311,455	30	33,659,790	20	31,430,000	27	23	45	107	5	49,907,838	21	15	63	67	31	6,519,466	27	112	50	24,455,222	23	138	23	
20	Festival Hydro Inc.	4,822,853	27	2,088,958	17	1,835,063	10	8,746,874	25	9,417,074	18	1,270,205	22	11,887,279	20	8,535,424	25	28,869,577	23	34,650,000	25	25	37	83	15	34,711,497	28	25	32	83	10	12,484,139	13	68	68	21,643,814	26	133	25	
21	Fort Albany Power Corporation	1,510,384	51	1,956	68	0	54	1,512,340	51	11,862	68	0	66	120,880	56	140,880	68	242,938	68	340,000	68	27	28	71	29	373,387	68	24	34	65	34	79,395	68	114	49	216,630	68	88	67	
22	Fort Frances Power Corporation	254,688	62	11,215	61	356	52	266,259	62	553,393	57	56,523	60	610,458	58	1,091,188	58	1,967,905	59	4,000,000	58	27	25	49	60	4,000,383	58	27	22	49	58	1,083,321	51	101	54	1,692,936	60	116	47	
23	Greater Sudbury Hydro Inc.	6,959,582	20	3,141,790	11	81,244	32	10,182,616	21	9,312,088	19	1,250,155	31	10,562,243	22	10,590,038	21	31,334,997	22	34,740,000	24	30	11	90	11	37,762,673	24	28	15	83	12	6,021,807	29	176	15	25,435,268	19	123	39	
24	Grimshby Power Incorporated	2,804,724	37	319,119	38	46,384	38	3,170,227	37	2,915,063	42	605,127	36	3,620,190	38	2,122,570	48	10,874,438	45	20,550,000	45	20	55	74	24	10,874,438	45	20	48	74	22	1,764,828	42	100	46	5,666,540	43	142	19	
25	Guelph Hydro Electric Systems Inc.	58,944,547	4	2,215,864	16	1,328,823	14	62,139,234	6	8,394,053	21	4,672,631	11	13,066,684	17	27,027,155	11	102,233,072	7	99,040,000	10	10	68	24	103	7	99,041,945	11	27	21	103	4	6,923,256	24	300	2	72,969,005	8	140	21
26	Halton Hills Hydro Inc.	5,500,566	22	212,955	46	95,775	31	5,809,296	29	4,553,991	29	1,505,241	28	6,260,832	28	7,513,017	29	19,583,145	31	30,940,000	28	24	40	63	38	30,940,000	29	24	33	63	37	4,637,451	30	162	21	15,528,974	31	126	33	
27	Heart Power Distribution Company Limited	1,510,384	51	1,956	68	0	54	1,512,340	51	11,862	68	0	66	120,880	56	140,880	68	242,938	68	340,000	68	27	28	71	29	373,387	68	24	34	65	34	79,395	68	114	49	216,630	68	88	67	
28	Hydro 2000 Inc.	89,683	65	3,633	63	721	51	95,037	65	257,750	63	26,581	66	284,331	63	343,324	64	712,692	63	1,360,000	63	25	36	52	59	1,360,000	63	25	31	52	55	152,649	65	225	1					

2017 Final Verified Annual LDC Rankings

#	LDC	Total Spending																																							
		2015 Verified 2015 Spending		2016 Verified 2015 Adjustment Spending		2017 Verified 2015 Adjustment Spending		Total Verified 2015 Spending		2016 Verified 2016 Spending		2017 Verified 2016 Adjustment Spending		Total Verified 2016 Spending		2017 Verified 2016 Spending		Total Verified 2015-2017 Spending		Allocated Budget		2017 Progress Spending versus Allocated Budget		2015-2017 Progress Spending versus Allocated Budget		2015-2017 LDC CDM Plan Spending Forecast		2017 Progress versus 2015-2020 LDC CDM Plan Spending Forecast		2015-2017 Progress versus 2015-2020 LDC CDM Plan Spending Forecast		2017 LDC CDM Plan Spending Forecast		2015-2017 Progress versus 2017 LDC CDM Plan Spending Forecast		2015-2017 LDC CDM Plan Spending Forecast		2015-2017 Progress versus 2015-2017 LDC CDM Plan Spending Forecast			
		Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (%)	LDC Ranking (#)	Value (%)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (%)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (%)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)	Value (%)	LDC Ranking (#)	Value (\$)	LDC Ranking (#)
1	Alectra Utilities Corporation	8,062,897	1	334,653	3	0	1	8,397,550	1	41,915,066	3	5,250	1	41,920,316	3	79,153,678	1	129,471,544	1	414,824,478	1	19	35	31	29	412,907,157	1	19	36	31	31	89,938,374	1	88	43	186,362,886	1	69	53		
2	Algonia Power Inc.	39,320	20	59,951	10	0	1	99,271	18	344,836	44	1,050	7	345,886	43	502,660	48	947,817	43	2,107,963	50	24	45	5	2,470,412	45	20	29	38	15	432,758	48	116	12	888,411	45	107	8			
3	Aniakok Hydro Inc.	0	28	0	27	0	1	0	41	50,265	63	0	24	50,265	63	78,576	66	128,841	66	313,590	64	25	10	41	9	374,401	67	21	26	34	21	395,550	66	82	50	203,811	66	63	63		
4	Attawapiskat Power Corporation	0	28	0	27	0	1	0	41	50,265	63	0	24	50,265	63	396,208	51	396,208	51	148,832	67	266	2	266	2	1,846,142	51	21	23	21	63	337,342	52	117	10	724,090	50	55	66		
5	Bluewater Power Distribution Corporation	5,119	27	0	27	0	1	5,119	39	1,340,938	23	0	24	1,340,938	23	2,482,985	18	3,829,042	21	15,838,687	18	16	57	24	62	15,838,687	18	16	58	24	60	2,661,593	20	93	33	5,245,973	19	73	49		
6	Brantford Power Inc.	0	28	29,000	18	0	1	29,000	28	1,564,432	19	0	24	1,564,432	19	3,971,000	20	14,048,588	19	17	49	28	42	11	159,730	21	21	27	34	22	2,702,600	18	88	44	4,938,885	20	80	41			
7	Burlington Hydro Inc.	118,667	15	193,116	4	0	1	311,783	10	2,472,234	9	0	24	2,472,234	9	5,813,559	9	8,597,376	9	25,825,521	10	23	19	33	23	25,825,521	8	23	21	33	24	5,293,074	11	110	17	9,973,036	9	86	32		
8	Canadian Niagara Power Inc.	162,334	12	58,069	11	0	1	220,403	11	1,200,961	24	1,470	5	1,202,431	24	1,657,194	27	3,080,028	25	7,355,555	30	23	18	42	8	6,952,818	31	24	14	44	6	1,609,378	31	103	23	3,031,748	29	102	12		
9	Centre Wellington Hydro Ltd.	0	28	0	27	0	1	0	41	276,194	46	0	24	276,194	46	345,087	53	621,281	49	2,252,724	48	15	58	28	46	2,190,601	47	16	56	28	41	674,845	38	51	67	950,344	43	65	58		
10	Chapleau Public Utilities Corporation	0	28	3,354	26	0	1	3,354	40	19,890	65	0	24	19,890	65	42,176	68	65,430	68	298,764	65	14	62	22	63	298,764	68	14	63	22	62	69,743	67	60	62	89,852	68	73	51		
11	COLLUS PowerStream Corp.	157,689	13	0	27	0	1	157,689	14	636,318	30	0	24	636,318	30	1,017,140	35	1,811,147	33	4,446,841	36	23	16	41	11	4,446,841	36	23	19	41	9	998,972	35	102	24	2,245,523	32	81	40		
12	Cooperative Hydro Embrun Inc.	0	28	0	27	0	1	0	41	61,223	61	0	24	61,223	61	150,562	63	211,785	63	525,743	62	29	7	40	12	525,743	65	29	6	40	12	162,798	64	92	34	220,424	65	96	18		
13	E.L.K. Energy Inc.	0	28	0	27	0	1	0	41	435,083	39	0	24	435,083	39	623,126	42	1,058,209	41	4,273,057	38	15	60	25	59	4,273,057	37	15	61	25	58	649,882	41	96	31	1,104,658	39	96	19		
14	Energy Inc.	0	28	0	27	0	1	0	41	2,916,887	8	525	12	2,917,412	8	5,659,074	10	8,576,486	10	25,873,071	10	22	22	33	24	22,281,831	11	25	11	38	14	4,525,892	13	125	8	7,408,108	13	116	4		
15	Entegris Powerlines Inc.	374,365	7	60,099	9	0	1	434,464	6	2,370,550	11	0	24	2,370,550	11	2,934,527	16	5,729,541	13	18,695,867	16	16	55	31	33	17,441,107	16	17	50	23	25	2,286,925	15	89	40	6,285,797	17	91	22		
16	EnWin Utilities Ltd.	0	28	111,618	6	0	1	111,618	17	2,430,728	10	525	12	2,431,253	10	7,626,948	6	10,169,819	7	38,421,928	7	20	30	26	51	38,421,928	7	20	33	26	49	9,868,968	6	77	53	15,959,414	6	64	61		
17	Erie Thames Powerlines Corporation	23,149	23	19,384	20	0	1	42,533	24	561,528	36	0	24	561,528	36	1,431,847	31	2,035,908	31	7,104,594	31	20	27	29	40	8,022,275	29	18	45	25	55	1,961,511	27	73	59	2,668,899	31	76	47		
18	Espanola Regional Hydro Distribution Corporation	5,306	26	0	27	0	1	5,306	38	57,969	62	945	9	58,914	62	144,036	64	208,256	64	685,489	61	21	24	30	34	685,489	64	21	25	30	37	162,703	65	89	42	225,978	64	92	26		
19	Essex Powerlines Corporation	176,840	10	6,737	25	0	1	183,577	12	1,818,727	15	525	12	1,819,252	15	2,146,133	22	4,148,962	19	8,532,573	27	25	11	49	4	8,030,233	28	27	9	52	2	1,942,734	28	110	16	4,361,720	22	95	21		
20	Festival Hydro Inc.	0	28	8,075	24	0	1	8,075	35	1,003,864	26	0	24	1,003,864	26	1,643,714	29	2,655,653	28	8,768,149	25	19	37	30	36	8,768,149	25	19	41	30	38	2,320,677	23	71	60	3,644,455	24	73	50		
21	Fort Albany Power Corporation	0	28	0	27	0	1	0	41	0	66	0	24	0	66	417,095	49	417,095	49	98,290	68	421	1	421	1	1,682,107	54	25	12	25	57	298,018	54	140	5	643,270	52	65	59		
22	Fort Frances Power Corporation	0	28	0	27	0	1	0	41	92,580	57	0	24	92,580	57	216,438	60	309,018	60	1,109,758	57	20	37	28	45	1,109,758	59	19	35	28	44	295,858	55	73	58	503,825	55	61	64		
23	Greater Sudbury Hydro Inc.	112,497	16	0	27	0	1	112,497	16	1,425,683	21	1,470	5	1,427,153	21	1,971,143	26	3,510,793	23	9,672,498	23	20	26	36	19	9,672,498	22	20	28	36	19	2,037,534	26	97	28	3,575,712	25	98	16		
24	Grimsbly Power Incorporated	0	28	34,500	16	0	1	34,500	27	292,926	45	0	24	292,926	45	909,869	45	582,443	45	2,894,613	44	20	31	28	28	2,894,613	44	20	31	31	30	667,281	40	87	46	967,403	42	94	22		
25	Guelph Hydro Electric Systems Inc.	278,441	8	103,065	7	0	1	381,506	9	1,377,942	22	0	24	1,377,942	22	4,576,792	12	6,336,427	12	24,920,625	11	18	39	25	56	24,920,625	11	18	39	25	54	4,984,742	12	92	37	9,924,301	10	64	60		
26	Halton Hills Hydro Inc.	0	28	0	27	0	1	0	41	604,017	32	945	9	604,962	32	1,977,168	25	2,582,130	29	8,387,497	28	24	14	31	31	8,387,497	27	24	17	31	33	1,693,484	30	117	11	2,997,163	30	86	33		
27	Heart Power Distribution Company Limited	0	28	10,063	23	0	1	10,063	34	71,209	59	0	24	71,209	59	257,123	57	338,395	59	843,930	60	30	6	40	13	843,930	63	31	4	40	11	249,393	59	103	21	324,621	63	104	10		
28	Hydro 2000 Inc.	0	28	0	27	0	1	0	41	41,957	64	0	24	41,957	64	97,169	67	99,126	67	394,750	63	14	61	25	58	394,750	66	14	62	25	56	65,818	68	87	47	103,786	67	96	20		
29	Hydro Hawkesbury Inc.	0	28	0	27	0	1	0	41	189,396	49	0	24	189,396	49	260,471	55	449,867	55	2,139,160	49	12	65	21	65	2,139,160	48	12	64	21	64	469,776	45	55	63	642,701	53	70	52		
30	Hydro One Networks Inc.	1,742,284	3	32,818	17	0	1	1,775,102	4	44,738,829	1	0	24	44,738,829	1	76,046,793	2	122,560,724	2	338,355,409	3	22	20	36	20	338,355,409	3	24	15	38	16	84,648,671	2	90	39	130,932,006	3	94	23		
31	Hydro Ottawa Limited	389,296	6	0																																					

**Progress Report**

For: Toronto Hydro-Electric System Limited

#	Programs	Measure	Participation							Participation							Progress vs Forecast (%)						
			2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total
<b>2015-2020 Conservation First Framework Programs</b>																							
<b>Residential Province-Wide Programs</b>																							
1	Save on Energy Coupon Program	Products	513,716	1,500,000	800,000	400,000	350,000	30,000	3,593,716	513,716	93,277	-	606,993	3,117,727	386,137	3,503,864	3,244,513	7,355,390	118	234	406	744	1,462
2	Save on Energy Instant Discount Program	Products	-	-	-	-	-	-	-	-	-	-	-	-	-	1,882,054	1,882,054	-	-	-	-	-	
3	Save on Energy Heating & Cooling Program	Equipment	-	-	-	-	-	-	-	8,042	910	-	8,952	16,251	146	16,397	8,657	34,996	-	-	-	-	
4	Save on Energy New Construction Program	Homes	-	210	750	250	750	250	1,710	-	4	1	5	14	-	14	19	8	7	8	8	8	
5	Save on Energy Home Assistance Program	Homes	-	1,800	1,800	-	-	-	3,600	-	225	-	225	861	211	1,074	794	2,093	60	44	8	8	
<b>Sub-total: Residential Province-Wide Programs</b>																							
<b>Business Province-Wide Programs</b>																							
6	Save on Energy Audit Funding Program	Projects	-	112	112	112	112	112	560	-	1	2	3	61	96	157	147	507	140	131	131	131	
7	Save on Energy Retrofit Program	Projects	4,954	149,474	135,324	95,487	89,153	81,238	559,423	201	725	75	1,001	2,066	665	2,711	1,720	5,454	20	2	1	1	
8	Save on Energy Small Business Lighting Program	Projects	-	111	3,292	3,293	3,276	3,375	13,454	-	-	-	21	2	23	5,092	1,105	11,454	19	33	33	33	
9	Save on Energy High Performance New Construction Program	Projects	-	150	30	30	30	30	270	-	2	-	2	2	15	37	11	50	25	37	37	37	
10	Save on Energy Existing Building Commissioning Program	Projects	-	14	14	14	14	14	68	-	-	2	2	20	20	4	28	167	29	29	29	29	
11	Save on Energy Business Refrigeration Incentive Program	Projects	-	-	12,547	12,547	11,809	11,071	47,979	-	-	-	-	-	-	728	728	728	-	-	-	-	
12	Save on Energy Process & Systems Upgrades Program	Projects	-	24	27	21	21	21	114	-	-	-	-	-	-	-	-	2	2	2	2		
13	Save on Energy Energy Manager Program	Projects	-	1	18	18	18	18	72	-	-	-	-	-	-	-	-	3,700	100	100	100		
14	Save on Energy Monitoring & Targeting Program	Projects	-	-	4	1	1	1	7	-	-	-	-	-	-	-	-	-	-	-	-		
15	Save on Energy Retrofit Program - P4P	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16	Save on Energy Process & Systems Upgrades Program - P4P	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Business Province-Wide Programs</b>																							
<b>Local &amp; Regional Programs</b>																							
17	Adaptive Thermostat Local Program	Homes	-	1,041	5,000	5,000	5,000	5,000	21,041	-	-	-	-	-	-	-	-	-	-	-	-		
18	Business Refrigeration Incentives Local Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
19	Conservation on the Coast Home Assistance Local Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Conservation on the Coast Small Business Lighting Local Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
21	First Nations Conservation Local Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	High Efficiency Agricultural Pumping Local Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
23	Instant Savings Local Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24	Opaver Local Program	Projects	-	-	1	1	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-		
25	Pool Saver Local Program	Homes	-	2,934	2,934	2,934	2,934	11,738	-	-	-	-	-	-	-	-	-	438	438	438	438		
26	PUM/Power Local Program	Projects	-	18	256	160	128	64	624	-	-	-	5	1	6	185	191	38	72	72	72		
27	RTU/Power Local Program	Projects	-	-	1,275	5,338	5,338	1,050	12,001	-	-	-	-	-	-	-	-	-	-	-	-		
28	Social Benchmarking Local Program	Participants	-	-	298,000	290,201	290,200	298,600	1,177,001	-	-	-	-	-	-	-	-	172,006	172,006	172,006	172,006		
<b>Sub-total: Local &amp; Regional Programs</b>																							
<b>LDC Innovation Fund Pilot Programs</b>																							
29	Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
30	Air Source Heat Pump - For Residential Water Heating LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
31	Block Heater Times LDC Innovation Fund Pilot Program	Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
32	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
33	Conservation Cultivator LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
34	Data Centre LDC Innovation Fund Pilot Program	Projects	-	1	17	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-		
35	Electronics Take Back LDC Innovation Fund Pilot Program	Equipment	-	10,000	-	-	-	-	10,000	-	-	-	-	-	-	-	-	-	100	-	-		
36	Energy Retraining LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
38	Hotel/Motel LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
39	Intelligent Air Technology LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40	Opaver LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
41	PUM/Power LDC Innovation Fund Pilot Program	Projects	-	18	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-		
42	Residential Direct Install LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
43	Residential Direct Mail LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
44	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
45	Retroscreening LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
46	RTU/Power LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
47	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
48	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
49	Toronto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50	Truckload Event LDC Innovation Fund Pilot Program	Projects	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: LDC Innovation Fund Pilot Programs</b>																							
<b>Centrally Delivered Programs</b>																							
51	Industrial Accelerator Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
52	Save on Energy Performance Program for Multi-Site Customers	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
53	Whole Home Pilot Program	Homes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Centrally Delivered Programs</b>																							
<b>Program Enabled Savings</b>																							
54	Save on Energy Retrofit Program Enabled Savings	Claims	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
55	Save on Energy High Performance New Construction Program Enabled Savings	Claims	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
56	Save on Energy Process & Systems Upgrades Program Enabled Savings	Claims	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Program Enabled Savings</b>																							
<b>Other</b>																							
57	Non-Approved Program	Various	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
58	Unassigned Program	Various	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Other</b>																							
<b>Sub-total: 2015-2020 Conservation First Framework</b>																							
<b>Conservation Fund</b>																							
59	Conservation Voltage Reduction Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
60	EnerNOC Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
61	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
62	Lobby P4P Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
63	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
64	Performance Based Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
65	Social Benchmarking Conservation Fund Pilot Program	Participants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
66	Strategic Energy Group Conservation Fund Pilot Program	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Conservation Fund</b>																							
<b>2011-2014-2015 Extension Legacy Framework Programs</b>																							
<b>Residential Program</b>																							
67	Appliance Retirement Initiative	Appliances	781	-	-	-	-	-	781	-	-	-	-	-	-	-	-	100	-	-	-		
68	Coopon Initiative	Products	309,956	-	-	-	-	-	309,956	-	-	-	-	-	-	-	-	34	-	-	-		
69	Bi-Annual Retailer Event Initiative	Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
70	HVAC Incentives Initiative	Equipment	15,400	12,100	12,100	8,500	8,000	8,000	64														

**Progress Report**

For: Toronto Hydro-Electric System Limited

#	Programs
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**Net Incremental 2020 Annual Peak Demand Savings**

Forecasted (kW)	2015					Total	2016					Total	2017					Total	Progress (%)			Total	
	2015	2016	2017	2018	2019		2020	2015	2016	2017	2018		2019	2020	2015	2016	2017		2018	2019	2020		2015
2015-2020 Conservation First Framework Programs	850	1,545	824	412	361	31	4,023	850	1,400	990	4,896	604	5,497	4,705	11,282	116	356	582	350				
Residential Province-Wide Programs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Save on Energy Coupon Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 Save on Energy Instant Discount Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 Save on Energy Heating & Cooling Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 Save on Energy New Construction Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5 Save on Energy Home Assistance Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: Residential Province-Wide Programs	850	1,545	824	412	361	31	4,023	850	1,400	990	4,896	604	5,497	4,705	11,282	116	356	582	350				
Business Province-Wide Programs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 Save on Energy Audit Funding Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7 Save on Energy Rebate Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8 Save on Energy Small Business Lighting Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 Save on Energy High Performance New Construction Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 Save on Energy Existing Building Commissioning Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 Save on Energy Business Refrigeration Incentive Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 Save on Energy Process & Systems Upgrades Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13 Save on Energy Energy Manager Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14 Save on Energy Monitoring & Targeting Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15 Save on Energy Retrofit Program - P4P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16 Save on Energy Process & Systems Upgrades Program - P4P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: Business Province-Wide Programs	992	27,645	30,682	18,456	23,287	16,450	117,512	992	3,640	387	5,019	28,190	8,676	36,866	25,645	67,530	506	133	84	114			
Local & Regional Programs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17 Adaptive Thermostat Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18 Business Refrigeration Incentives Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19 Conservation on the Coast Home Assistance Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20 Conservation on the Coast Small Business Lighting Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21 First Nations Conservation Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22 High Efficiency Agricultural Pumping Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23 Instant Savings Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24 (P4P) Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25 Pool Saver Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26 PUM/Power Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27 (P4P) Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28 Local Benchmarking Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: Local & Regional Programs	102	3,908	5,040	4,924	13,339	27,313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LDC Innovation Fund Pilot Programs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29 Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30 Air Source Heat Pump - For Residential Water Heating LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31 Block Heater Times LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32 Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33 Conservation Cullwater LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
34 Data Centre LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35 Electronics Take Back LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
36 Energy Retention LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38 Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39 Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40 (P4P) LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41 PUM/Power LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42 Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
43 Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
44 Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
45 Retrocommissioning LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
46 (P4P) LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
47 Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48 Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
49 Toronto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50 Truckload Event LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: LDC Innovation Fund Pilot Programs	641	-	-	-	-	-	641	68	-	68	272	-	272	78	438	42	-	-	-	-	-	-	
Centrally Delivered Programs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
51 Industrial Accelerator Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
52 Save on Energy Performance Program for Multi-Site Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
53 Whole Home Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: Centrally Delivered Programs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
54 Save on Energy Retrofit Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55 Save on Energy High Performance New Construction Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
56 Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
57 Non-Approved Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
58 Unapproved Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-total: 2015-2020 Conservation First Framework	1,842	30,481	35,979	24,014	28,676	75,400	196,394	3,703	4,131	387	8,221	36,343	9,325	45,668	41,093	94,922							







**Progress Report**

For: Toronto Hydro-Electric System Limited

#	Programs
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Participant Incentive Spending										Participant Incentive Spending													
Forecast (\$)										Verified (\$)										Progress (%)			
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	Total	2015	2016	2017	Total	2015	2016	2017	Total					
Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results					

2015-2020 Conservation First Framework Programs																					
Residential Province-Wide Programs																					
1	Save on Energy Coupon Program	1,620,060	3,720,000	1,984,000	992,000	868,000	74,400	9,258,460	1,620,060	-	-	1,620,060	5,240,046	-	5,240,046	12,772,850	19,632,956	100	141	644	268
2	Save on Energy Instant Discount Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,372,387	2,372,387	-	-	-	-
3	Save on Energy Heating & Cooling Program	-	-	-	-	-	-	-	2,430,800	-	-	2,430,800	4,075,750	-	4,075,750	4,237,700	10,744,250	-	-	-	-
4	Save on Energy New Construction Program	-	115,871	137,941	137,941	137,941	137,941	607,635	-	-	-	-	650,158	-	650,158	93,233	93,233	-	-	66	36
5	Save on Energy Home Assistance Program	-	635,450	635,450	-	-	-	1,270,900	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total: Residential Province-Wide Programs</b>		<b>1,620,060</b>	<b>4,471,271</b>	<b>2,757,341</b>	<b>1,129,941</b>	<b>1,005,941</b>	<b>212,341</b>	<b>11,136,956</b>	<b>4,050,860</b>	<b>-</b>	<b>-</b>	<b>4,050,860</b>	<b>10,005,944</b>	<b>-</b>	<b>10,005,944</b>	<b>20,069,934</b>	<b>34,176,748</b>	<b>250</b>	<b>224</b>	<b>728</b>	<b>196</b>

Business Province-Wide Programs																					
6	Save on Energy Audit Funding Program	-	477,120	477,120	477,120	477,120	-	2,885,600	-	-	-	105,058	-	105,058	1,083,277	1,188,255	-	22	227	125	-
7	Save on Energy Retrofit Program	819,349	27,161,048	24,814,610	16,488,376	15,418,106	14,315,010	98,937,659	819,349	-	-	819,349	18,159,355	-	18,159,355	18,935,718	37,914,432	100	67	80	73
8	Save on Energy Small Business Lighting Program	-	117,681	2,306,104	3,209,027	2,355,139	2,754,100	10,832,041	-	-	-	744,778	-	744,778	744,778	-	-	32	31	-	-
9	Save on Energy High Performance New Construction Program	-	8,908,238	1,781,648	1,781,648	1,781,648	-	16,934,830	-	-	-	352,248	-	352,248	2,075,106	3,331,454	-	15	167	33	-
10	Save on Energy Existing Building Commissioning Program	-	334,800	455,000	455,000	455,000	-	2,154,931	-	-	-	50,000	-	50,000	78,931	128,931	-	15	17	16	-
11	Save on Energy Business Refrigeration Incentive Program	-	1,511,790	1,511,790	1,511,790	1,511,790	-	5,788,021	-	-	-	626,122	-	626,122	626,122	-	-	41	41	-	-
12	Save on Energy Process & Systems Upgrades Program	-	1,862,800	8,275,374	600,000	8,409,000	600,000	19,837,174	-	-	-	34,850	-	34,850	1,259,030	1,293,880	-	2	15	18	-
13	Save on Energy Energy Manager Program	-	1,810,000	1,810,000	1,810,000	1,810,000	-	9,950,000	-	-	-	581,066	-	581,066	1,758,042	2,341,108	-	12	97	65	-
14	Save on Energy Monitoring & Targeting Program	-	-	300,000	-	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Save on Energy Retrofit Program - P4P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Save on Energy Process & Systems Upgrades Program - P4P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total: Business Province-Wide Programs</b>		<b>819,349</b>	<b>40,672,587</b>	<b>40,733,646</b>	<b>26,424,951</b>	<b>32,221,217</b>	<b>23,148,575</b>	<b>164,020,315</b>	<b>819,349</b>	<b>-</b>	<b>-</b>	<b>819,349</b>	<b>19,285,527</b>	<b>-</b>	<b>19,285,527</b>	<b>27,465,604</b>	<b>47,570,480</b>	<b>100</b>	<b>47</b>	<b>67</b>	<b>58</b>

Local & Regional Programs																						
17	Adaptive Thermostat Local Program	-	52,050	250,000	250,000	250,000	-	1,052,050	-	-	-	-	-	-	344,300	344,300	-	-	138	134		
18	Business Refrigeration Incentives Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	Conservation on the Coast Small Business Lighting Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Conservation on the Coast Small Business Lighting Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	First Nations Conservation Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	High Efficiency Agricultural Pumping Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	Instant Savings Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	Opower Local Program	-	2,487,187	2,644,272	1,170,091	1,382,372	-	8,089,902	-	-	-	3,803	-	3,803	3,803	-	-	-	-	0	0	
25	Pool Saver Local Program	-	1,173,520	1,173,520	1,173,520	1,173,520	-	4,994,116	-	-	-	152,000	-	152,000	152,000	-	-	13	13	-	-	
26	PUMPower Local Program	-	104,527	1,672,438	1,045,274	836,219	418,110	4,976,548	-	-	-	1,707,114	-	1,707,114	1,707,114	-	-	102	96	-	-	
27	RTU/AVR Local Program	-	1,105,189	3,868,162	3,868,162	2,210,378	-	11,051,891	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	Local Benchmarking Local Program	-	-	-	-	-	-	-	-	-	-	120,000	-	120,000	120,000	-	-	-	-	-	-	-
<b>Sub-total: Local &amp; Regional Programs</b>		<b>-</b>	<b>156,277</b>	<b>6,688,343</b>	<b>8,981,237</b>	<b>7,704,001</b>	<b>5,434,369</b>	<b>28,864,527</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,327,277</b>	<b>-</b>	<b>2,327,277</b>	<b>2,327,277</b>	<b>-</b>	<b>-</b>	<b>35</b>	<b>34</b>	<b>-</b>	<b>-</b>	

LDC Innovation Fund Pilot Programs																					
29	Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Air Source Heat Pump - For Residential Water Heating LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Block Heater Times LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Conservation Outrigger LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Data Centre LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Electronics Take-Back LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Energy Retention LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Opower LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	PUMPower LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Retrospection LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	RTU/AVR LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	Toronto Hydro - Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Truckload Events LDC Innovation Fund Pilot Program	-	498,428	-	-	-	-	498,428	-	-	-	498,428	-	498,428	498,428	-	-	-	-	-	-
<b>Sub-total: LDC Innovation Fund Pilot Programs</b>		<b>-</b>	<b>498,428</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>498,428</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>498,428</b>	<b>-</b>	<b>498,428</b>	<b>498,428</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>100</b>

Centrally Delivered Programs																					
51	Industrial Accelerator Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Save on Energy Energy Performance Program for Multi-Site Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	Whole Home Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total: Centrally Delivered Programs</b>		<b>-</b>																			

Program Enabled Savings																					
54	Save on Energy Retrofit Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	Save on Energy High Performance New Construction Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total: Program Enabled Savings</b>		<b>-</b>																			

Other																					
57	Non-Approved Program	-	-	-	-	-	-	60,947,965	-	-	-	-	-	-	-	-	-	-	-	-	-
58	Unassigned Program	-	-	-	-	-	-	60,947,965	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total: Other</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>121,895,930</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Sub-total: 2015-2020 Conservation First Framework</b>		<b>2,439,409</b>	<b>45,798,863</b>	<b>50,179,330</b>	<b>36,536,129</b>	<b>40,931,159</b>	<b>89,743,250</b>	<b>265,628,140</b>	<b>4,870,209</b>	<b>-</b>	<b>-</b>	<b>4,870,209</b>	<b>29,291,481</b>	<b>-</b>	<b>29,291,481</b>	<b>50,361,243</b>	<b>84,522,933</b>	<b>200</b>	<b>64</b>	<b>100</b>	<b>96</b>

Conservation Fund																					
59	Conservation Voltage Reduction Conservation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	EnerNOC Conservation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	Home Depot Home Appliances Market Uplift Conservation Fund Pilot Program	-																			







Progress Report

For: Province Wide

#	Programs	Net Incremental 2020 Annual Peak Demand Savings													Progress (%)				Net Incremental 2020 Annual Peak Demand Savings						
		Forecasted (kW)						Verified (kW)						Total											
		2015	2016	2017	2018	2019	2020	2015 Verified Results	2016 Verified Results Adjustments	2017 Verified Results Adjustments	Total Verified Results	2016 Verified Results	2017 Verified Results Adjustments	Total Verified Results	2017 Verified Results	Total	Total Verified Results	Total Verified Results		Total Verified Results	Total				
<b>2015-2020 Conservation First Framework Programs</b>																									
<b>Residential Province-Wide Programs</b>																									
1	Save on Energy Coupon Program	2,536	10,999	6,918	2,255	2,201	1,832	26,811	2,008	294	-	2,302	27,830	3,174	31,004	29,298	62,604	91	282	424	306				
2	Save on Energy Incentive Program	-	-	877	1,507	364	377	3,485	-	-	-	-	-	-	24,180	-	-	-	-	-					
3	Save on Energy Heating & Cooling Programs	6,626	10,445	8,264	6,200	5,933	5,877	43,335	5,322	711	-	6,033	22,421	2,200	22,641	19,181	47,855	91	217	332	180				
4	Save on Energy New Construction Program	136	787	1,425	1,457	1,513	1,448	6,766	-	-	-	-	-	-	85	440	483	954	23	56	14	31			
5	Save on Energy Home Assistance Program	1,247	4,271	4,731	3,727	3,684	3,637	21,307	204	39	-	243	821	132	957	1,197	2,997	19	22	25	23				
<b>Sub-total: Residential Province-Wide Programs</b>		<b>10,145</b>	<b>26,502</b>	<b>22,175</b>	<b>15,214</b>	<b>13,699</b>	<b>13,071</b>	<b>101,254</b>	<b>7,234</b>	<b>1,093</b>	<b>18</b>	<b>6,409</b>	<b>51,431</b>	<b>3,611</b>	<b>55,042</b>	<b>72,339</b>	<b>135,950</b>	<b>47</b>	<b>399</b>	<b>326</b>	<b>230</b>				
<b>Business Province-Wide Programs</b>																									
6	Save on Energy Audit Funding Program	155	193	3,612	3,557	3,541	3,247	14,305	-	460	37	497	365	355	720	1,013	2,230	321	373	28	56				
7	Save on Energy Retrofit Program	16,637	94,622	70,960	51,109	49,911	50,090	333,129	2,798	12,377	1,409	16,584	70,440	29,608	100,048	105,820	222,452	100	106	149	122				
8	Save on Energy Small Business Lighting Program	508	1,493	7,939	8,067	6,244	6,151	30,980	-	-	-	-	-	-	2,287	761	3,068	39,244	13,792	-	-	-			
9	Save on Energy High Performance New Construction Program	800	6,883	5,362	3,342	3,225	3,382	23,330	-	96	59	155	5,693	2,206	7,899	7,899	3,995	15,949	16	115	147	131			
10	Save on Energy Existing Building Commissioning Program	-	-	900	820	896	859	3,475	-	-	-	-	-	-	83	83	80	343	-	-	-	-			
11	Save on Energy Business Refrigeration Incentive Program	-	118	1,464	1,582	1,332	1,427	5,922	-	-	-	-	-	-	641	641	433	-	-	-	-				
12	Save on Energy Process & Systems Upgrades Program	2,987	5,097	20,452	21,248	21,429	17,600	98,263	-	-	-	-	-	-	61	4,682	4,743	2,644	7,927	93	12	36	36		
13	Save on Energy Energy Manager Program	640	2,821	2,737	3,101	3,193	3,273	15,763	-	-	-	-	-	-	1,326	1,610	2,936	5,999	4,435	-	-	-	-		
14	Save on Energy Monitoring & Targeting Program	149	136	572	44	71	71	1,043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Save on Energy Retrofit Program - P&P	650	10,929	-	-	-	-	11,579	-	-	-	-	-	-	298	305	603	4,103	2,938	2,135	3,090	10,235			
16	Save on Energy Process & Systems Upgrades Program - P&P	1,434	-	-	-	-	-	1,434	-	-	-	-	-	-	1,595	1,885	1,484	1,595	1,071	-	-	-			
<b>Sub-total: Business Province-Wide Programs</b>		<b>22,664</b>	<b>125,756</b>	<b>114,011</b>	<b>92,750</b>	<b>100,742</b>	<b>85,738</b>	<b>441,663</b>	<b>2,798</b>	<b>13,224</b>	<b>1,810</b>	<b>17,837</b>	<b>85,965</b>	<b>44,131</b>	<b>130,206</b>	<b>131,024</b>	<b>280,951</b>	<b>79</b>	<b>101</b>	<b>117</b>	<b>107</b>				
<b>Local &amp; Regional Programs</b>																									
17	Adaptive Thermostat Local Program	-	41	210	210	210	210	884	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
18	Business Refrigeration Incentive Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
19	Conservation on the Coast Home Assistance Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Conservation on the Coast Small Business Lighting Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
21	First Nations Conservation Local Program	-	296	537	308	305	311	1,827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
22	High Efficiency Agricultural Purging Local Program	-	-	1,534	2,052	2,560	2,560	8,706	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
23	Instant Savings Local Program	-	-	584	494	294	196	1,568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24	OpAver Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25	Pool Saver Local Program	-	-	4,092	4,092	4,092	-	12,276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
26	PUMPower Local Program	-	58	980	613	490	245	2,485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
27	OpAver Local Program	-	-	624	2,184	2,184	1,248	6,240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28	Local Benchmarking Local Program	-	-	1,173	2,465	789	22,259	27,686	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Local &amp; Regional Programs</b>		<b>391</b>	<b>9,731</b>	<b>12,407</b>	<b>10,994</b>	<b>10,994</b>	<b>36,899</b>	<b>70,521</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>24</b>	<b>210</b>	<b>28,292</b>	<b>28,008</b>	<b>54</b>	<b>291</b>	<b>281</b>	<b>281</b>				
<b>LDC Innovation Fund Pilot Programs</b>																									
29	Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund	-	-	144	17	17	14	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
30	Space Heat Pump - For Residential Water Heating LDC Innovation Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
31	Block Heater Time LDC Innovation Fund Pilot Program	-	-	3	3	4	4	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
32	Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
33	Conservation Cultivator LDC Innovation Fund Pilot Program	-	15	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
34	Data Center LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
35	Electronics Take Back LDC Innovation Fund Pilot Program	-	160	-	-	-	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
36	Energy Retainment LDC Innovation Fund Pilot Program	-	-	-	708	-	-	708	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	537	308	305	311	1,827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
38	Hotel/Motel LDC Innovation Fund Pilot Program	-	125	125	176	176	176	788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
39	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	129	-	-	-	129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40	OpAver LDC Innovation Fund Pilot Program	-	411	-	-	-	-	411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
41	PUMPower LDC Innovation Fund Pilot Program	-	-	70	-	-	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
42	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
43	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
44	Residential Heat Pump LDC Innovation Fund Pilot Program	-	234	-	-	-	-	234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
45	Retrospective LDC Innovation Fund Pilot Program	-	200	-	200	130	78	608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
46	OpAver LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
47	Small & Medium Business Energy Management System LDC Innovation Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
48	Save on Energy Power Air Ventilation LDC Innovation Fund Pilot Program	-	119	-	-	-	-	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
49	Toronto Hydro - Ebrlride Joint Low-Income Program LDC Innovation Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50	Truckload Event LDC Innovation Fund Pilot Program	-	204	-	-	-	-	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: LDC Innovation Fund Pilot Programs</b>		<b>15</b>	<b>1,521</b>	<b>461</b>	<b>697</b>	<b>494</b>	<b>379</b>	<b>3,459</b>	<b>-</b>	<b>68</b>	<b>12</b>	<b>80</b>	<b>1,564</b>	<b>69</b>	<b>1,623</b>	<b>290</b>	<b>1,953</b>	<b>533</b>	<b>107</b>	<b>72</b>	<b>103</b>				
<b>Centrally Delivered Programs</b>																									
51	Industrial Accelerator Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
52	Save on Energy Energy Performance Program for Multi-Site Customers	-	-	1	207	1	1	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
53	Whole Home Pilot Program	-	-	107	-	-	-	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Centrally Delivered Programs</b>		<b>-</b>	<b>-</b>	<b>108</b>	<b>207</b>	<b>1</b>	<b>1</b>	<b>217</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		
<b>Program Enabled Savings</b>																									
54	Save on Energy Retrofit Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
55	Save on Energy High Performance New Construction Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
56	Save on Energy Process & Systems Upgrades Program Enabled Savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Sub-total: Program Enabled Savings</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		
<b>Other</b>																									
57	Non-Approved Program	-	173	2,690	2,785	322	12,608	18,478	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
58	Misassigned Program	-	171	2,690	12,280	57,778	82,549	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total: Other</b>		<b>-</b>	<b>344</b>	<b>5,380</b>	<b>15,065</b>	<b>58,000</b>	<b>70,656</b>	<b>80,927</b>																	





Progress Report

For: Province Wide

# Programs

Gross Incremental First Year Energy Savings

Program	Forecasted (kWh)						Verified (kWh)						Progress (%)							
	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018				
<b>2015-2020 Conservation First Framework Programs</b>																				
<b>Residential Province-Wide Programs</b>																				
1 Save on Energy Coupon Program	25,201,786	138,894,384	74,748,562	24,165,832	22,212,143	18,392,021	909,614,728	15,473,413	2,792,208	-	22,165,621	305,413,062	35,078,081	140,991,143	403,437,234	765,998,998	88	245	540	931
2 Save on Energy Incentive Program	-	-	21,081,108	37,610,841	6,701,292	5,814,430	70,814,949	-	-	-	-	-	-	-	-	-	-	-	-	1,939
3 Save on Energy Heating & Cooling Program	21,227,776	50,773,375	59,492,371	39,893,908	32,509,308	30,911,389	234,807,922	18,346,542	2,453,324	20,599,827	108,212,762	1,058,354	109,271,116	87,439,371	223,303,458	342,141,884	97	215	147	1,655
4 Save on Energy New Construction Program	1,193,780	5,719,030	15,959,280	16,180,846	16,614,437	16,082,461	71,749,434	4,676,274	5,744,544	6,929,200	2,001,097	510,909	2,512,006	2,153,447	1,534,678	1,324,678	55	44	13	28
5 Save on Energy Home Assistance Program	2,354,851	6,839,422	8,731,670	17,462,451	7,002,706	6,748,178	18,839,758	1,445,792	284,282	-	1,430,074	7,950,437	1,646,201	9,236,438	8,240,971	18,907,463	61	135	92	105
Sub-total: Residential Province-Wide Programs	29,778,293	199,226,111	165,044,913	124,822,461	104,978,758	79,532,676	740,838,819	38,445,849	5,814,814	57,529,027	128,117,118	1,815,244	152,417,661	162,421,614	418,216,341	1,308,638,848	91	218	404	938
<b>Business Province-Wide Programs</b>																				
6 Save on Energy Audit Funding Program	4,606,400	15,879,624	24,785,464	24,655,410	24,572,448	22,222,212	116,793,970	165,936	2,224,941	177,102	2,567,979	4,079,589	3,964,671	8,044,260	24,223,674	34,838,918	50	51	99	77
7 Save on Energy Retrofit Program	143,113,220	853,458,113	614,396,367	446,097,161	415,439,591	406,254,547	2,478,758,009	25,997,514	113,017,820	34,400,965	172,816,699	654,772,218	215,618,281	870,410,999	720,261,137	1,746,506,338	121	102	117	109
8 Save on Energy Small Business Lighting Program	3,702,168	11,413,624	57,536,587	57,303,960	42,240,065	37,558,613	209,508,891	-	-	-	-	14,862,461	4,784,990	19,447,451	54,572,588	74,220,399	-	172	45	102
9 Save on Energy High Performance New Construction Program	4,899,894	43,811,058	44,355,660	23,979,471	25,985,731	25,353,260	187,983,922	898,778	644,789	1,543,567	29,346,601	17,065,601	46,322,006	83,778,399	193,529,669	242,800,000	32	72	182	115
10 Save on Energy Existing Building Commissioning Program	-	1,605,383	4,157,699	3,286,211	3,206,221	3,202,223	11,368,899	-	-	-	-	730,126	730,126	1,607,081	2,337,209	3,337,209	45	39	41	41
11 Save on Energy Business Refrigeration Incentive Program	-	1,349,098	16,714,094	27,198,809	15,207,872	17,447,185	43,974,949	-	-	-	-	17,265,066	17,265,066	895,441	56,788,422	57,684,112	47	76	103	29
12 Save on Energy Process & Systems Upgrades Program	7,284,408	26,422,813	26,066,750	27,958,803	28,433,903	28,856,769	148,023,446	-	-	-	-	12,026,586	12,026,586	29,476,261	66,538,079	80,960,846	-	118	111	101
13 Save on Energy Energy Manager Program	1,481,500	1,809,500	7,460,091	7,629,667	7,218,478	7,231,896	18,131,133	-	-	-	-	-	-	-	-	-	-	-	-	88
14 Save on Energy Monitoring & Targeting Program	6,028,907	1,209,500	-	-	-	-	318,223,300	2,300,789	1,677,242	8,878,011	58,187,371	22,695,491	80,882,862	23,791,818	178,552,813	178,552,813	64	63	-	88
15 Save on Energy Process & Systems Upgrades Program - P&P	29,469,422	-	-	-	-	-	79,699,422	-	-	-	-	13,469,502	13,469,502	19,565,445	27,934,967	30,554,967	-	91	-	91
Sub-total: Business Province-Wide Programs	208,024,874	1,210,945,208	961,092,140	799,593,728	822,016,374	719,185,979	4,720,887,007	25,563,930	118,462,328	54,065,164	198,011,342	794,539,215	347,139,885	1,141,739,100	957,910,104	2,297,740,549	95	94	100	97
<b>Local &amp; Regional Programs</b>																				
17 Adaptive Thermostat Local Program	-	242,453	1,165,000	1,165,000	1,165,000	1,165,000	4,902,553	-	-	-	-	-	-	-	-	-	-	-	-	1,069
18 Business Refrigeration Incentive Local Program	-	-	516,000	2,597,260	1,869,240	1,471,280	6,654,480	-	-	-	1,344,706	-	1,344,706	5,516,771	6,861,478	-	-	-	-	1,330
19 Conservation on the Coast Home Assistance Local Program	-	-	-	-	-	-	680,288	-	-	-	432,145	-	432,145	1,344,706	248,138	-	-	-	-	183
20 Conservation on the Coast Small Business Lighting Local Program	-	-	-	-	-	-	1,667,850	-	-	-	-	-	-	-	-	-	-	-	-	110
21 First Nations Conservation Local Program	-	1,533,750	2,287,335	1,800,365	1,892,803	1,667,850	9,482,100	-	-	-	-	-	-	-	3,328,257	3,328,257	-	-	-	77
22 High Efficiency Agricultural Purging Local Program	-	-	6,572,491	8,792,677	10,972,025	10,972,025	37,309,218	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Instant Savings Local Program	-	-	3,852,758	1,052,188	651,900	8,844,124	-	-	-	-	-	-	-	-	957,269	957,269	-	-	-	25
24 OilPaver Local Program	-	-	5,759,800	23,979,070	33,978,856	45,140,049	109,077,121	-	-	-	-	-	-	-	5,957,126	5,957,126	-	-	-	62
25 Pool Saver Local Program	-	-	9,600,431	9,866,974	9,866,974	9,866,974	39,034,841	-	-	-	-	-	-	-	5,957,126	5,957,126	-	-	-	62
26 PUMPAver Local Program	-	-	563,885	9,473,266	5,920,791	4,736,613	23,062,881	-	-	-	834,022	154,237	988,259	15,790,060	16,778,319	17,766,588	-	-	-	175
27 Universal Local Program	-	-	2,617,653	9,161,784	9,161,784	9,161,784	36,376,528	-	-	-	-	-	-	-	17,200,000	17,200,000	-	-	-	109
28 Local Benchmarking Local Program	-	-	51,425,879	114,992,153	113,609,384	132,248,163	521,943,794	-	-	-	56,263,544	56,263,544	136,755,620	184,010,248	184,010,248	184,010,248	-	-	-	109
Sub-total: Local & Regional Programs	-	31,796,060	146,618,376	176,433,353	202,306,462	210,917,976	792,050,334	-	-	-	2,178,728	56,469,594	59,628,994	108,553,247	227,581,941	227,581,941	110	115	114	
<b>LDC Innovation Fund Pilot Programs</b>																				
29 Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund	-	1,746,425	910,594	910,594	910,594	728,475	4,296,088	-	-	-	205,088	203,083	408,171	-	-	-	-	-	-	23
30 Air Source Heat Pump - For Residential Water Heating LDC Innovation Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
31 Block Heater Times LDC Innovation Fund Pilot Program	-	1,614,988	1,635,045	1,460,702	1,460,702	1,460,702	6,172,437	-	-	-	117,155	117,155	-	458,171	-	-	-	-	-	28
32 Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
33 Conservation Cultivator LDC Innovation Fund Pilot Program	187,000	-	3,943,734	-	-	-	1,275,872	-	-	-	90,118	90,118	-	-	-	-	-	-	-	48
34 Data Center LDC Innovation Fund Pilot Program	-	-	-	-	-	-	1,368,900	-	-	-	-	-	-	-	-	-	-	-	-	88
35 Electronics Take Back LDC Innovation Fund Pilot Program	-	1,308,000	-	-	-	-	1,781,855	-	-	-	1,145,480	-	1,145,480	-	-	-	-	-	-	88
36 Energy Retention LDC Innovation Fund Pilot Program	-	903,431	1,256,600	472,520	845,039	945,039	4,524,956	-	-	-	-	-	-	374,487	374,487	-	-	-	-	30
37 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	1,093,750	1,093,750	1,093,750	1,093,750	1,093,750	4,374,250	-	-	-	-	-	-	65,750	65,750	-	-	-	-	17
38 Hotel/Motel LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
39 Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-	-	-	-	1,560,000	-	-	-	-	-	-	-	-	-	-	-	-	8
40 OilPaver LDC Innovation Fund Pilot Program	-	2,500,000	-	-	-	-	2,500,000	-	-	-	2,864,454	-	2,864,454	-	-	-	-	-	-	115
41 PUMPAver LDC Innovation Fund Pilot Program	-	616,260	-	-	-	-	616,260	-	-	-	667,979	-	667,979	-	-	-	-	-	-	118
42 Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-	-	-	-	443,330	-	-	-	443,330	-	443,330	-	-	-	-	-	-	115
43 Residential Direct Mail LDC Innovation Fund Pilot Program	-	592,703	-	-	-	-	592,703	-	-	-	334,435	-	334,435	-	-	-	-	-	-	56
44 Residential Dual-Fuel Heat Pump LDC Innovation Fund Pilot Program	-	4,400,700	-	-	-	-	4,400,700	-	-	-	157,983	-	157,983	-	-	-	-	-	-	4
45 Retrocommissioning LDC Innovation Fund Pilot Program	-	3,588,200	2,330,000	1,398,000	1,398,000	1,094,400	4,000,000	-	-	-	1,539,807	-	1,539,807	-	-	-	-	-	-	43
46 RTU/AVR LDC Innovation Fund Pilot Program	-	199,500	-	-	-	-	199,500	-	-	-	524,934	-	524,934	-	-	-	-	-	-	56
47 Small & Medium Business Energy Management System LDC Innovation Fund	-	209,850	199,500	-	-	-	199,500	-	-	-	178,302	66,686	66,686	895,278	962,462	-	-	-	-	85
48 Solar Powered Air Ventilation LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	178,302	-	178,302	-	-	-	-	-	-	85
49 Toronto Hydro - Ebridge Joint Low-Income Program LDC Innovation Fund	-	3,363,113	-	-	-	-	3,363,113	-	-	-	7,034,431	-	7,034,431	-	-	-	-	-	-	209
50 Truckload Event LDC Innovation Fund Pilot Program	189,600	18,375,100	11,444,687	9,819,464	7,177,548	7,146,391	54,484,844	607,608	90,118	708,600	14,769,468	544,841	14,769,468	3,167,365	37,739,814	37,739,814	400	88	18	58
Sub-total: LDC Innovation Fund Pilot Programs	-	12,466,116	11,444,687	9,819,464	7,177,548	7,146,391	54,484,844	607,608	90,118	708,600	14,769,468	544,841	14,769,468	3,167,365	37,73					





Progress Report

For: Province Wide

Total 2015-2020 CFF LDC CDM Plan Budget Spending

#	Programs	Forecasted (\$)						Verified (\$)						Progress (%)				2015-2020 CFF LDC CDM Plan Allocated Budget (\$)	Progress versus Budget (%)		
		2015	2016	2017	2018	2019	2020	Total	2015 Verified Results	2016 Verified Results	2017 Verified Results	Total Verified Results	2015 Results	2016 Results	2017 Results	Total Results					
<b>2015-2020 Conservation First Framework Programs</b>																					
<b>Residential Province-Wide Programs</b>																					
1	Save on Energy Coupon Program	5,047,981	22,490,925	27,122,407	8,670,820	8,565,690	7,471,161	79,368,987	5,423,284	157,526	-	5,580,810	36,745,296	-	36,745,296	81,263,421	123,589,528	111	163	300	276
2	Save on Energy Instant Discount Program	-	-	4,117,422	6,617,714	1,924,390	1,503,854	13,563,480	-	-	-	-	-	-	-	15,957,091	15,957,091	-	-	-	388
3	Save on Energy Heating & Cooling Program	3,734,889	21,637,164	18,983,583	14,635,456	12,579,711	11,998,335	83,569,138	6,679,382	53,233	-	6,732,615	36,484,240	-	36,484,240	42,665,032	38,992,387	180	169	225	354
4	Save on Energy New Construction Program	85,119	2,667,268	3,990,628	3,713,141	3,967,713	4,002,922	18,086,792	16,829	19,272	-	36,101	1,710,327	-	1,710,327	3,853,055	5,599,483	42	64	107	88
5	Save on Energy Home Assistance Program	688,378	5,535,787	11,575,206	9,992,677	9,916,861	9,216,947	50,949,856	907,420	19,017	-	1,000,437	7,477,148	-	7,477,148	9,802,320	18,281,933	146	78	85	84
<b>Sub-total: Residential Province-Wide Programs</b>		<b>9,556,367</b>	<b>36,335,144</b>	<b>69,389,147</b>	<b>49,429,608</b>	<b>46,974,365</b>	<b>44,215,222</b>	<b>245,318,653</b>	<b>13,021,931</b>	<b>139,048</b>	<b>-</b>	<b>13,891,961</b>	<b>82,437,533</b>	<b>-</b>	<b>82,437,533</b>	<b>153,540,926</b>	<b>249,310,403</b>	<b>149</b>	<b>148</b>	<b>239</b>	<b>300</b>
<b>Business Province-Wide Programs</b>																					
6	Save on Energy Audit Funding Program	248,359	2,946,537	2,978,119	3,030,349	3,103,596	2,641,081	14,948,041	174,012	43,261	-	217,273	2,070,678	-	2,070,678	3,719,255	6,007,206	87	70	125	97
7	Save on Energy Retrofit Program	13,459,178	120,498,812	114,780,248	88,649,324	83,144,329	87,519,851	503,051,742	8,557,841	1,454,631	-	10,012,471	91,172,440	27,300	91,199,740	122,209,650	233,421,873	74	76	106	90
8	Save on Energy Small Business Lighting Program	92,240	6,340,882	39,350,726	18,507,933	14,499,735	12,840,779	71,589,295	-	79,438	-	79,438	5,133,244	-	5,133,244	14,135,200	19,544,482	82	86	71	78
9	Save on Energy High Performance New Construction Program	516,633	18,318,755	8,967,918	6,275,840	6,873,897	6,893,344	44,147,937	148,817	41,141	-	189,958	4,138,040	-	4,138,040	9,227,051	18,725,033	37	80	103	93
10	Save on Energy Existing Building Commissioning Program	171	679,058	1,196,107	983,946	1,030,819	1,018,286	4,908,327	-	3,333	-	3,333	593,533	-	593,533	489,121	1,085,987	1,949	87	41	58
11	Save on Energy Business Refrigeration Incentive Program	10,556	1,001,199	6,859,398	7,302,619	5,731,714	4,292,599	29,149,995	-	-	-	-	-	-	-	5,396,030	8,496,030	-	-	-	79
12	Save on Energy Process & Systems Upgrades Program	1,304,379	14,538,615	33,796,935	41,537,560	54,490,725	32,272,538	177,840,224	357,963	312,940	-	670,903	7,639,163	-	7,639,163	14,052,496	22,367,569	51	53	42	46
13	Save on Energy Energy Manager Program	293,586	5,073,209	7,669,931	8,543,489	8,935,296	9,292,420	39,807,831	156,835	32,158	-	188,993	2,125,613	-	2,125,613	5,444,129	7,258,734	64	42	71	60
14	Save on Energy Monitoring & Targeting Program	13,632	214,194	1,003,302	559,245	519,842	523,344	2,933,539	9,180	10,326	-	19,506	56,120	-	56,120	363,180	438,806	143	26	36	36
15	Save on Energy Retrofit Program - PAP	1,439,112	23,565,935	-	-	-	-	24,005,047	-	-	-	272,373	-	-	272,373	18,843,933	19,704,206	-	-	-	43
16	Save on Energy Process & Systems Upgrades Program - PAP	-	6,656,645	-	-	-	-	6,656,645	-	-	-	-	-	-	-	18,934	18,934	-	-	-	0
<b>Sub-total: Business Province-Wide Programs</b>		<b>17,697,666</b>	<b>155,527,841</b>	<b>156,602,884</b>	<b>175,790,285</b>	<b>178,329,953</b>	<b>157,285,152</b>	<b>915,598,581</b>	<b>9,868,650</b>	<b>1,973,224</b>	<b>-</b>	<b>11,877,871</b>	<b>113,581,305</b>	<b>27,300</b>	<b>113,608,605</b>	<b>165,492,451</b>	<b>310,478,938</b>	<b>87</b>	<b>58</b>	<b>94</b>	<b>76</b>
<b>Local &amp; Regional Programs</b>																					
17	Adaptive Thermostat Local Program	-	127,050	381,246	381,246	381,246	381,246	1,652,034	-	-	-	26,672	-	-	26,672	477,696	504,368	-	-	21	125
18	Business Refrigeration Incentives Local Program	-	-	332,767	986,510	773,193	707,079	2,499,549	-	3,789	-	3,789	541,536	-	541,536	541,536	541,536	-	-	-	21
19	Conservation on the Coast Home Assistance Local Program	-	-	-	-	-	-	-	-	-	-	7,021	-	-	7,021	1,226,680	1,233,701	-	-	-	21
20	Conservation on the Coast Small Business Lighting Local Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	First Nations Conservation Local Program	-	2,845,400	3,674,700	2,743,300	2,845,400	2,265,800	15,478,600	-	-	-	355,623	-	-	355,623	3,724,872	3,830,495	-	-	12	97
22	High Efficiency Agricultural Pumping Local Program	-	2,527,580	-	2,062,012	2,565,269	-	7,154,861	-	-	-	-	-	-	-	1,662,697	1,662,697	-	-	-	46
23	Instant Savings Local Program	-	4,571	337,062	352,339	366,378	100,511	960,861	-	-	-	4,571	-	-	4,571	279,098	283,669	-	-	100	83
24	Pumpover Local Program	-	91,219	3,000,526	3,190,835	2,019,304	1,814,208	10,116,072	-	-	-	-	-	-	-	193,927	193,927	-	-	-	6
25	Pumpover Local Program	-	1,304,379	14,538,615	33,796,935	41,537,560	54,490,725	177,840,224	-	-	-	-	-	-	-	939,990	939,990	-	-	-	6
26	PUMPAver Local Program	-	316,414	2,134,360	1,470,796	1,249,608	807,231	5,978,407	-	-	-	100,075	-	-	100,075	3,157,893	2,457,568	-	-	82	101
27	Thru-Driver Local Program	-	109,250	1,288,976	4,197,368	4,197,368	2,452,311	12,245,263	-	-	-	-	-	-	-	71,402	71,402	-	-	-	6
28	Local Benchmarking Local Program	-	2,839,274	13,469,023	10,919,283	13,232,263	12,232,391	59,702,440	-	-	-	1,745	-	-	1,745	9,214,899	11,611,016	-	-	118	109
<b>Sub-total: Local &amp; Regional Programs</b>		<b>-</b>	<b>11,334,171</b>	<b>29,632,992</b>	<b>29,303,449</b>	<b>29,275,749</b>	<b>26,574,869</b>	<b>125,070,376</b>	<b>-</b>	<b>5,534</b>	<b>-</b>	<b>5,534</b>	<b>10,250,997</b>	<b>-</b>	<b>10,250,997</b>	<b>23,693,273</b>	<b>31,949,204</b>	<b>60</b>	<b>81</b>	<b>85</b>	<b>85</b>
<b>LDC Innovation Fund Pilot Programs</b>																					
29	Air Source Heat Pump - For Residential Space Heating LDC Innovation Fund	-	-	3,217,008	2,683,115	2,557,715	2,099,980	10,557,818	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Air Source Heat Pump - For Residential Water Heating LDC Innovation Fund	-	-	118,549	121,057	116,527	116,507	473,240	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Block Heater Timer LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Commercial Energy Management and Load Control (CEMLC) LDC Innovation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Conservation Cultivator LDC Innovation Fund Pilot Program	-	-	17,768	23,232	28,696	34,160	103,856	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Data Centre LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Electronics Take Back LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Energy Reinvestment LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	-	-	-	109,200	218,400	218,400	546,000	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Hotel/Motel LDC Innovation Fund Pilot Program	-	-	205,866	243,123	341,549	243,180	932,718	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Intelligent Air Technology LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	Pumpover LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	PUMPAver LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Residential Direct Install LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Residential Direct Mail LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Residential Dual-Fuel Heat Pump LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Retroscreening LDC Innovation Fund Pilot Program	-	-	-	236,775	153,750	92,250	482,775	-	-	-	-	-	-	-	-	-	-	-	-	-
46	RTU/AVR LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	Small & Medium Business Energy Management System LDC Innovation Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	Save Powered Attic Ventilation LDC Innovation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	4,194	-	-	4,194	-	-	-	-	-	-
49	Toronto Hydro - Ebside Joint Low-Income Program LDC Innovation Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Truckload Event LDC Innovation Fund Pilot Program	-	-	823,433	-	-	-	823,433	-	-	-	-	-	-	-	969,131	969,131	-	-	-	118
<b>Sub-total: LDC Innovation Fund Pilot Programs</b>		<b>-</b>	<b>823,433</b>	<b>3,599,391</b>	<b>3,417,102</b>	<b>3,216,611</b>	<b>2,809,477</b>	<b>13,919,460</b>	<b>-</b>	<b>4,194</b>	<b>-</b>	<b>4,194</b>	<b>-</b>	<b>-</b>	<b>969,131</b>	<b>973,325</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>23</b>
<b>Centrally Delivered Programs</b>																					







Savings Persistence Report

For: Toronto Hydro-Electric System Limited

#	Program / Initiative Name	Net Verified Annual Peak Demand Savings (kW)																																				
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	
<b>2015 Verified 2015 Results</b>																																						
1	Save on Energy Coupon Program	857	850	850	850	850	850	850	849	849	849	770	769	769	765	765	763	198	198	198	198	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Save on Energy Heating & Cooling Program	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	1,861	
7	Save on Energy Retrofit Program	995	995	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	
60	EnerNOC Conservation Fund Pilot Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
62	Loblaws PAP Conservation Fund Pilot Program	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	
66	Strategic Energy Group Conservation Fund Pilot Program	294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
67	Appliance Retirement Initiative	50	50	50	47	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
68	Coupon Initiative	144	143	143	143	143	143	143	143	143	143	143	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	
69	Bi-Annual Retailer Event Initiative	315	306	306	306	306	306	306	306	306	306	306	228	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	
70	HVAC Incentives Initiative	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730	1,730		
72	Energy Audit Initiative	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902	902
73	Efficiency: Equipment Replacement Incentive Initiative	21,487	21,487	21,230	21,230	21,230	21,228	20,531	20,531	20,531	20,531	17,978	12,192	12,004	10,640	10,610	10,610	7,388	1,464	1,464	1,464	1,464	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74	Direct Install Lighting and Water Heating Initiative	2,198	2,005	1,435	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434	1,434		
75	New Construction and Major Renovation Initiative	1,596	1,596	1,596	1,596	1,596	1,594	1,594	1,594	1,594	1,594	1,571	1,571	1,571	1,571	1,571	1,571	1,449	1,438	699	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
76	Existing Building Commissioning Incentive Initiative	147	147	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
78	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2,711	1,899	1,665	1,665	1,640	1,640	1,640	1,640	1,640	1,589	1,292	1,042	1,026	948	948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
80	Low Income Initiative	148	132	130	127	126	126	126	125	100	98	94	94	89	89	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16		
82	Program Enabled Savings	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	
<b>Subtotal: 2015 Verified 2015 Results</b>		<b>35,654</b>	<b>34,322</b>	<b>33,256</b>	<b>33,102</b>	<b>32,151</b>	<b>32,123</b>	<b>31,369</b>	<b>31,368</b>	<b>30,967</b>	<b>28,212</b>	<b>21,358</b>	<b>20,019</b>	<b>18,040</b>	<b>16,246</b>	<b>12,277</b>	<b>5,568</b>	<b>5,548</b>	<b>5,253</b>	<b>1,957</b>	<b>7</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>2016 Verified 2015 Results Adjustments</b>																																						
83	Save on Energy Coupon Program	142	140	140	140	140	140	140	140	140	140	129	129	129	129	129	129	49	49	49	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85	Save on Energy Heating & Cooling Program	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	236	
86	Save on Energy New Construction Program	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
87	Save on Energy Home Assistance Program	39	38	38	38	38	38	38	38	38	38	37	36	35	35	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
88	Save on Energy Audit Funding Program	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
89	Save on Energy Retrofit Program	3,655	3,632	3,609	3,609	3,609	3,602	3,427	3,427	3,427	3,364	2,813	1,433	1,180	997	997	997	632	80	80	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
91	Save on Energy High Performance New Construction Program	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
123	PUMPSaver LDC Innovation Fund Pilot Program	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	
150	Coupon Initiative	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
152	HVAC Incentives Initiative	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
154	Energy Audit Initiative	591	591	591	591	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,554	1,088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
155	Efficiency: Equipment Replacement Incentive Initiative	2,679	2,675	2,595	2,592	2,592	2,482	2,297	1,846	1,239	1,110	1,052	1,052	820	68	68	68	68	68	68	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	New Construction and Major Renovation Initiative	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	5,499	2,386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
158	Existing Building Commissioning Incentive Initiative	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	
159	Process and Systems Upgrades Initiatives - Project Incentive Initiative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
160	Process and Systems Upgrades Initiatives - Energy Manager Initiative	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
162	Low Income Initiative	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<b>Subtotal: 2016 Verified 2015 Results Adjustments</b>		<b>13,088</b>	<b>13,058</b>	<b>12,955</b>	<b>12,952</b>	<b>13,915</b>	<b>13,908</b>	<b>13,623</b>	<b>13,623</b>	<b>13,375</b>	<b>12,372</b>	<b>10,298</b>	<b>9,916</b>	<b>9,674</b>	<b>9,203</b>	<b>4,960</b>	<b>1,999</b>	<b>506</b>	<b>506</b>	<b>489</b>	<b>231</b>	<b>24</b>	<b>21</b>															
<b>2017 Verified 2015 Results Adjustments</b>																																						
170	Save on Energy Audit Funding Program	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
171	Save on Energy Retrofit Program	280	303	329	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	
237	Efficiency: Equipment Replacement Incentive Initiative	-24	-19	317	358	358	358	1,165	1,165	1,416	1,143	439	319	233	213	213	191	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
238	Direct Install Lighting and Water Heating Initiative	-628	-436	135	201	201	201	201	201	2																												









# 2017 Final Verified Annual LDC CDM Program Results Report

## Methodology

### General

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

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

The 2015 verified results considers projects reported to the IESO between January 1, 2015 and March 31, 2016; the 2016 verified results considers projects reported to the IESO between April 1, 2016 and April 15, 2017; the 2017 verified results considers projects reported to the IESO between April 16, 2017 and April 15, 2018.

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

### Savings Calculations

#	Project Type	Attributing Savings to LDCs
1	Prescriptive Measures and Projects Programs	<p><b>Gross Reported Savings</b> = Activity * Per Unit Assumption Savings  <b>Gross Verified Savings</b> = Gross Reported Savings * Realization Rate  <b>Net Verified Savings</b> = 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)</p>
2	Engineered and Custom Projects / Programs	<p><b>Gross Reported Savings</b> = Reported Savings  <b>Gross Verified Savings</b> = Gross Reported Savings * Realization Rate  <b>Net Verified Savings</b> = 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)</p>
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.

### Cost Determination

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

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

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

2015-2020 Conservation First Framework

#	Program	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the coupon was redeemed.	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 Instant Discount Program	Results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the event occurred.	
3	Save on Energy Heating & Cooling Program	Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	
4	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in LDC Report	April 15, 2018	Savings are considered to begin in the year of the project completion date.	
5	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	
6	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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	Save on Energy Retrofit Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date as reported in the LDC Report	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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).
8	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand 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).
9	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	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 2016 Net-to-gross ratios and realization rates.
10	Save on Energy Existing Building Commissioning Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
11	Save on Energy Business Refrigeration Incentive Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
12	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the project was in-service.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is 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	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager.	
14	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	

2011-2014+2015 Extension Legacy Framework

#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	saveONenergy Appliance Retirement Initiative	2015 Results only. Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	April 15, 2018	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.
2	saveONenergy Conservation Instant Coupon Booklet	2015 Results only. LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the coupon was redeemed.	
3	saveONenergy Bi-Annual Retailer Event	2015 Results only. Results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the event occurs.	
4	saveONenergy HVAC Incentives	2015 Results only. Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	
5	saveONenergy Residential New Construction	2015 Results only. Results are directly attributed to LDC based on LDC identified in application in the iCon system.	April 15, 2018	Savings are considered to begin in the year of the project completion date.	
6	saveONenergy Energy Audit	2015 Results only. Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total 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	2015 Results only. Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system.  Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date in the iCon system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCon system (reported). A realization rate is applied to the reported savings to ensure that 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 2015)
8	saveONenergy Direct Installed Lighting	2015 Results only. Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	Savings are considered to begin in the year of the actual project 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).
9	saveONenergy New Construction and Major Renovation Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		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).
10	saveONenergy Existing Building Commissioning Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		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	saveONenergy Process & System Upgrades	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined 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.
12	saveONenergy Energy Manager	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	
13	saveONenergy Monitoring & Targeting	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	
14	saveONenergy Home Assistance Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	
15	Aboriginal Conservation Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018		
16	Program Enabled Savings	2015 Results only.	April 15, 2018		

# 2017 Final Verified Annual LDC CDM Program Results Report

## Consumer Program Allocation Reference Table

#	Local Distribution Company	Allocation (%)
1	Alectra Utilities Corporation	19.77
2	Algoma Power Inc.	0.18
3	Atikokan Hydro Inc.	0.02
4	Attawapiskat Power Corporation	0.01
5	Bluewater Power Distribution Corporation	0.62
6	Brantford Power Inc.	0.67
7	Burlington Hydro Inc.	1.34
8	Canadian Niagara Power Inc.	0.35
9	Centre Wellington Hydro Ltd.	0.11
10	Chapleau Public Utilities Corporation	0.03
11	COLLUS PowerStream Corp.	0.25
12	Cooperative Hydro Embrun Inc.	0.06
13	E.L.K. Energy Inc.	0.25
14	Energy+ Inc.	1.12
15	Entegrus Powerlines Inc.	0.70
16	EnWin Utilities Ltd.	1.49
17	Erie Thames Powerlines Corporation	0.32
18	Espanola Regional Hydro Distribution Corporation	0.06
19	Essex Powerlines Corporation	0.61
20	Festival Hydro Inc.	0.32
21	Fort Albany Power Corporation	0.01
22	Fort Frances Power Corporation	0.09

#	Local Distribution Company	Allocation (%)
23	Greater Sudbury Hydro Inc.	0.80
24	Grimsby Power Incorporated	0.18
25	Guelph Hydro Electric Systems Inc.	0.85
26	Halton Hills Hydro Inc.	0.59
27	Hearst Power Distribution Company Limited	0.05
28	Hydro 2000 Inc.	0.04
29	Hydro Hawkesbury Inc.	0.15
30	Hydro One Networks Inc.	27.29
31	Hydro Ottawa Limited	6.61
32	InnPower Corporation	0.33
33	Kashechewan Power Corporation	0.02
34	Kenora Hydro Electric Corporation Ltd.	0.09
35	Kingston Hydro Corporation	0.29
36	Kitchener-Wilmot Hydro Inc.	1.51
37	Lakefront Utilities Inc.	0.11
38	Lakeland Power Distribution Ltd.	0.23
39	London Hydro Inc.	2.61
40	Midland Power Utility Corporation	0.10
41	Milton Hydro Distribution Inc.	0.66
42	Newmarket-Tay Power Distribution Ltd.	0.60
43	Niagara Peninsula Energy Inc.	0.82
44	Niagara-on-the-Lake Hydro Inc.	0.13
45	North Bay Hydro Distribution Limited	0.42
46	Northern Ontario Wires Inc.	0.09
47	Oakville Hydro Electricity Distribution Inc.	1.51
48	Orangeville Hydro Limited	0.20
49	Orillia Power Distribution Corporation	0.22

#	Local Distribution Company	Allocation (%)
50	Oshawa PUC Networks Inc.	1.48
51	Ottawa River Power Corporation	0.12
52	Peterborough Distribution Incorporated	0.46
53	PUC Distribution Inc.	0.65
54	Renfrew Hydro Inc.	0.05
55	Rideau St. Lawrence Distribution Inc.	0.07
56	Sioux Lookout Hydro Inc.	0.08
57	St. Thomas Energy Inc.	0.28
58	Thunder Bay Hydro Electricity Distribution Inc.	0.82
59	Tillsonburg Hydro Inc.	0.12
60	Toronto Hydro-Electric System Limited	15.57
61	Veridian Connections Inc.	2.39
62	Wasaga Distribution Inc.	0.18
63	Waterloo North Hydro Inc.	0.96
64	Welland Hydro-Electric System Corp.	0.31
65	Wellington North Power Inc.	0.06
66	West Coast Huron Energy Inc.	0.06
67	Westario Power Inc.	0.37
68	Whitby Hydro Electric Corporation	1.12
<b>Total</b>		<b>100.00</b>

# 2017 Final Verified Annual LDC CDM Program Results Report

## Glossary

#	Term	Definition
<b>Reporting Terms</b>		
1	Forecast	An LDCs' forecast of program activity, savings, net-to-gross adjustments, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools. Forecasts at the province wide level are the sum of all LDCs' forecasts.
2	Reported	Program activity savings and expenditures as determined by the LDC. For savings: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
3	Verified	The IESO's annually EM&V assessed program activity, savings, net-to-gross, expenditures and cost effectiveness. Preliminary Verified results are provided by June 1st of each year and Final Verified results are provided by July 1st of each year.
4	Adjustment	Verified results that were achieved in previous years but were not provided in a previous years' Annual Verified Results Report.
5	Progress or Comparison	An assessment of Actual results versus Verified results.
<b>Framework Terms</b>		
6	2011-2014+2015 Extension Legacy Framework	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
7	2015-2020 Conservation First Framework	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
8	LDC Innovation Fund	A source of funding under the 2015-2020 Conservation First Framework separate from LDC CDM Plan Budgets that the IESO maintains to support LDC led program design and market testing of new initiatives. Savings from LDC Innovation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
9	Conservation Fund	A source of funding external to the 2015-2020 Conservation First Framework that provides financial support for innovative electricity conservation technologies, practices, research, and pilot programs. Savings from Conservation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.

Programs Terms		
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Coupon; or Retrofit;) from the 2015-2020 Conservation First Framework.
11	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
12	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
13	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
14	Pilot Program	A program pilot that may achieve energy or demand savings and is funded separately from an LDC's CDM Plan Budget.
15	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.

Activity Terms		
16	Participation	A measure of the level of program participation, such as number of projects, homes, equipment, etc..
17	Unit of Measure	For a specific initiative the relevant type of participation acquired in the market place (e.g. appliances picked up; coupon products installed; HVAC equipment installed; audits performed; or projects completed;).

Savings Terms		
18	Energy Savings	Energy savings attributable to conservation and demand management activities.
19	Peak Demand Savings	Peak Demand savings attributable to conservation and demand management activities, as determined by the IESO's EM&V Protocols.
20	Incremental Savings	The energy or peak demand savings newly attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.  Savings attributed to activity performed or completed in 2016 are presented as 2016 savings.
21	First Year Savings	The energy or peak demand savings that occur in the year it was achieved (includes resource savings from only new program activity).
22	Annual Savings	The energy or peak demand savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
23	Gross Savings	The energy or peak demand savings that have been reported based on a conservation and demand management program's participation tracking.
24	Net Savings	The energy or peak demand savings attributable to conservation and demand management activities, net of free-riders, spillover, etc.
25	Realization Rate	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc.
26	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc.
27	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.
28	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.
29	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.

### Costs Terms

30	Participant Incentive	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
31	LDC Administrative Expense	Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc.
32	IESO Value Added Services Cost	Costs incurred by the IESO's Value Added Service Provider related to associated programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs's activity took place.
33	Total Administrative Expense	The sum of LDC Administrative Expense and IESO Value Added Services Cost.
34	Delivery Cost	<p>The sum of Total Administrative Expenses and Participant Incentives.</p> <p><b>All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity.</b></p> <p><b>E.g. if an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2016 program year.</b></p> <p><b>However if the same is reported in or after the January 2017 IESO Reporting Period: i) the savings will be attributed to the 2016 program year; ii) the expenditures will be attributed to the 2017 program year and will not appear in the 2016 Verified Results Report; but iii) the project's Participant Incentives will be used to calculate 2016 Cost Effectiveness;</b></p>
35	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.

### Cost Effectiveness Terms

36	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.
37	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.
38	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.

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU**

Consumption **750** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 32.63	1	\$ 32.63	\$ 37.46	1	\$ 37.46	\$ 4.83	14.80%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.48	1	-\$ 0.48	\$ -	1	\$ -	\$ 0.48	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 1.48	1	-\$ 1.48	\$ -	1	\$ -	\$ 1.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.46	1	\$ 0.46	\$ 0.46	1	\$ 0.46	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.88	1	\$ 0.88	\$ 0.88	1	\$ 0.88	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01063	750	\$ 7.97	\$ 0.00552	750	\$ 4.14	-\$ 3.83	-48.07%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00041	750	\$ 0.31	\$ 0.00095	750	\$ 0.71	\$ 0.41	131.71%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 40.98</b>			<b>\$ 44.34</b>	<b>\$ 3.36</b>	<b>8.21%</b>
Line Losses on Cost of Power	per kWh	\$ 0.0820	28	\$ 2.31	\$ 0.0820	28	\$ 2.31	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00320	750	-\$ 2.40	-\$ 0.00053	750	-\$ 0.40	\$ 2.00	-83.44%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	750	\$ 0.05	\$ 0.00003	750	\$ 0.02	-\$ 0.03	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 41.50</b>			<b>\$ 46.84</b>	<b>\$ 5.34</b>	<b>12.85%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	778	\$ 5.91	\$ 0.00796	778	\$ 6.19	\$ 0.29	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	778	\$ 4.80	\$ 0.00703	778	\$ 5.47	\$ 0.67	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 52.21</b>			<b>\$ 58.50</b>	<b>\$ 6.29</b>	<b>12.05%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	778	\$ 2.49	\$ 0.0032	778	\$ 2.49	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	778	\$ 0.23	\$ 0.0003	778	\$ 0.23	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	778	\$ 0.31	\$ 0.0004	778	\$ 0.31	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	150	\$ 13.35	\$ 0.0890	150	\$ 13.35	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 116.99</b>			<b>\$ 123.28</b>	<b>\$ 6.29</b>	<b>5.4%</b>
<b>8% Provincial Rebate</b>		-8%		-\$ 9.36	-8%		-\$ 9.86	-\$ 0.50	5.4%
HST		13%		\$ 15.21	13%		\$ 16.03	\$ 0.82	5.4%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 122.84</b>			<b>\$ 129.45</b>	<b>\$ 6.61</b>	<b>5.4%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU**

Consumption **650** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 32.63	1	\$ 32.63	\$ 37.46	1	\$ 37.46	\$ 4.83	14.80%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.48	1	-\$ 0.48	\$ -	1	\$ -	\$ 0.48	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 1.48	1	-\$ 1.48	\$ -	1	\$ -	\$ 1.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.46	1	\$ 0.46	\$ 0.46	1	\$ 0.46	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.88	1	\$ 0.88	\$ 0.88	1	\$ 0.88	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01063	650	\$ 6.91	\$ 0.00552	650	\$ 3.59	-\$ 3.32	-48.07%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00041	650	\$ 0.27	\$ 0.00095	650	\$ 0.62	\$ 0.35	131.71%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 39.88</b>			<b>\$ 43.70</b>	<b>\$ 3.82</b>	<b>9.58%</b>
Line Losses on Cost of Power	per kWh	\$ 0.0820	24	\$ 2.00	\$ 0.0820	24	\$ 2.00	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00320	650	-\$ 2.08	-\$ 0.00053	650	-\$ 0.34	\$ 1.74	-83.44%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	650	\$ 0.05	\$ 0.00003	650	\$ 0.02	-\$ 0.03	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 40.41</b>			<b>\$ 45.93</b>	<b>\$ 5.53</b>	<b>13.68%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	674	\$ 5.12	\$ 0.00796	674	\$ 5.37	\$ 0.25	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	674	\$ 4.16	\$ 0.00703	674	\$ 4.74	\$ 0.58	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 49.69</b>			<b>\$ 56.04</b>	<b>\$ 6.36</b>	<b>12.80%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	674	\$ 2.16	\$ 0.0032	674	\$ 2.16	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	674	\$ 0.20	\$ 0.0003	674	\$ 0.20	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	674	\$ 0.27	\$ 0.0004	674	\$ 0.27	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	423	\$ 27.46	\$ 0.0650	423	\$ 27.46	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	111	\$ 10.39	\$ 0.0940	111	\$ 10.39	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	117	\$ 15.44	\$ 0.1320	117	\$ 15.44	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	150	\$ 13.35	\$ 0.0890	150	\$ 13.35	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 105.86</b>			<b>\$ 112.22</b>	<b>\$ 6.36</b>	<b>6.0%</b>
<b>8% Provincial Rebate</b>				<b>-\$ 8.47</b>			<b>-\$ 8.98</b>	<b>-\$ 0.51</b>	<b>6.0%</b>
HST				\$ 13.76			\$ 14.59	\$ 0.83	6.0%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 111.15</b>			<b>\$ 117.83</b>	<b>\$ 6.68</b>	<b>6.0%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU**

Consumption **212** kWh ○ May 1 - October 31

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 32.63	1	\$ 32.63	\$ 37.46	1	\$ 37.46	\$ 4.83	14.80%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.48	1	-\$ 0.48	\$ -	1	\$ -	\$ 0.48	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 1.48	1	-\$ 1.48	\$ -	1	\$ -	\$ 1.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.46	1	\$ 0.46	\$ 0.46	1	\$ 0.46	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.88	1	\$ 0.88	\$ 0.88	1	\$ 0.88	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01063	212	\$ 2.25	\$ 0.00552	212	\$ 1.17	-\$ 1.08	-48.07%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00041	212	\$ 0.09	\$ 0.00095	212	\$ 0.20	\$ 0.11	131.71%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 35.04</b>			<b>\$ 40.86</b>	<b>\$ 5.82</b>	<b>16.61%</b>
Line Losses on Cost of Power	per kWh	\$ 0.0820	8	\$ 0.65	\$ 0.0820	8	\$ 0.65	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00320	212	-\$ 0.68	-\$ 0.00053	212	-\$ 0.11	\$ 0.57	-83.44%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	212	\$ 0.01	\$ 0.00003	212	\$ 0.01	-\$ 0.01	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 35.59</b>			<b>\$ 41.97</b>	<b>\$ 6.38</b>	<b>17.92%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	220	\$ 1.67	\$ 0.00796	220	\$ 1.75	\$ 0.08	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	220	\$ 1.36	\$ 0.00703	220	\$ 1.55	\$ 0.19	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 38.62</b>			<b>\$ 45.27</b>	<b>\$ 6.65</b>	<b>17.22%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	220	\$ 0.70	\$ 0.0032	220	\$ 0.70	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	220	\$ 0.07	\$ 0.0003	220	\$ 0.07	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	220	\$ 0.09	\$ 0.0004	220	\$ 0.09	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	138	\$ 8.96	\$ 0.0650	138	\$ 8.96	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	36	\$ 3.39	\$ 0.0940	36	\$ 3.39	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	38	\$ 5.04	\$ 0.1320	38	\$ 5.04	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	150	\$ 13.35	\$ 0.0890	150	\$ 13.35	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 57.11</b>			<b>\$ 63.76</b>	<b>\$ 6.65</b>	<b>11.6%</b>
<b>8% Provincial Rebate</b>				<b>-\$ 4.57</b>			<b>-\$ 5.10</b>	<b>-\$ 0.53</b>	<b>11.6%</b>
HST				<b>\$ 7.42</b>			<b>\$ 8.29</b>	<b>\$ 0.86</b>	<b>11.6%</b>
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 59.96</b>			<b>\$ 66.94</b>	<b>\$ 6.98</b>	<b>11.6%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **750** kWh ○ May 1 - October 31

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 32.63	1	\$ 32.63	\$ 37.46	1	\$ 37.46	\$ 4.83	14.80%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.48	1	-\$ 0.48	\$ -	1	\$ -	\$ 0.48	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 1.48	1	-\$ 1.48	\$ -	1	\$ -	\$ 1.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.46	1	\$ 0.46	\$ 0.46	1	\$ 0.46	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.88	1	\$ 0.88	\$ 0.88	1	\$ 0.88	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01063	750	\$ 7.97	\$ 0.00552	750	\$ 4.14	-\$ 3.83	-48.07%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00041	750	\$ 0.31	\$ 0.00095	750	\$ 0.71	\$ 0.41	131.71%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 40.98</b>			<b>\$ 44.34</b>	<b>\$ 3.36</b>	<b>8.21%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	28	\$ 3.28	\$ 0.1164	28	\$ 3.28	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	-\$ 0.04438	28	-\$ 1.25	-\$ 0.04438	28	-\$ 1.25	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00320	750	-\$ 2.40	-\$ 0.00053	750	-\$ 0.40	\$ 2.00	-83.44%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	750	\$ 0.05	\$ 0.00003	750	\$ 0.02	-\$ 0.03	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	750	-\$ 0.84	\$ 0.00585	750	\$ 4.39	\$ 5.23	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 40.38</b>			<b>\$ 50.95</b>	<b>\$ 10.56</b>	<b>26.16%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	778	\$ 5.91	\$ 0.00796	778	\$ 6.19	\$ 0.29	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	778	\$ 4.80	\$ 0.00703	778	\$ 5.47	\$ 0.67	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 51.09</b>			<b>\$ 62.61</b>	<b>\$ 11.52</b>	<b>22.55%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	778	\$ 2.49	\$ 0.0032	778	\$ 2.49	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	778	\$ 0.23	\$ 0.0003	778	\$ 0.23	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	778	\$ 0.31	\$ 0.0004	778	\$ 0.31	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	150	\$ 13.35	\$ 0.0890	150	\$ 13.35	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 115.87</b>			<b>\$ 127.39</b>	<b>\$ 11.52</b>	<b>9.9%</b>
8% Provincial Rebate		-8%		-\$ 9.27	-8%		-\$ 10.19	-\$ 0.92	9.9%
HST		13%		\$ 15.06	13%		\$ 16.56	\$ 1.50	9.9%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 121.66</b>			<b>\$ 133.76</b>	<b>\$ 12.10</b>	<b>9.9%</b>

Loss Factor (%)

3.76%

3.76%

RESIDENTIAL

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **650** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 32.63	1	\$ 32.63	\$ 37.46	1	\$ 37.46	\$ 4.83	14.80%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.48	1	-\$ 0.48	\$ -	1	\$ -	\$ 0.48	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 1.48	1	-\$ 1.48	\$ -	1	\$ -	\$ 1.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.46	1	\$ 0.46	\$ 0.46	1	\$ 0.46	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.88	1	\$ 0.88	\$ 0.88	1	\$ 0.88	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01063	650	\$ 6.91	\$ 0.00552	650	\$ 3.59	-\$ 3.32	-48.07%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00041	650	\$ 0.27	\$ 0.00095	650	\$ 0.62	\$ 0.35	131.71%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 39.88</b>			<b>\$ 43.70</b>	<b>\$ 3.82</b>	<b>9.58%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	24	\$ 2.84	\$ 0.1164	24	\$ 2.84	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	-\$ 0.04438	24	-\$ 1.08	-\$ 0.04438	24	-\$ 1.08	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00320	650	-\$ 2.08	-\$ 0.00053	650	-\$ 0.34	\$ 1.74	-83.44%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	650	\$ 0.05	\$ 0.00003	650	\$ 0.02	-\$ 0.03	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	650	-\$ 0.73	\$ 0.00585	650	\$ 3.80	\$ 4.53	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 39.43</b>			<b>\$ 49.49</b>	<b>\$ 10.06</b>	<b>25.51%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	674	\$ 5.12	\$ 0.00796	674	\$ 5.37	\$ 0.25	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	674	\$ 4.16	\$ 0.00703	674	\$ 4.74	\$ 0.58	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 48.71</b>			<b>\$ 59.60</b>	<b>\$ 10.89</b>	<b>22.35%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	674	\$ 2.16	\$ 0.0032	674	\$ 2.16	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	674	\$ 0.20	\$ 0.0003	674	\$ 0.20	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	674	\$ 0.27	\$ 0.0004	674	\$ 0.27	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	423	\$ 27.46	\$ 0.0650	423	\$ 27.46	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	111	\$ 10.39	\$ 0.0940	111	\$ 10.39	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	117	\$ 15.44	\$ 0.1320	117	\$ 15.44	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	150	\$ 13.35	\$ 0.0890	150	\$ 13.35	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 104.89</b>			<b>\$ 115.78</b>	<b>\$ 10.89</b>	<b>10.4%</b>
8% Provincial Rebate		-8%		-\$ 8.39	-8%		-\$ 9.26	-\$ 0.87	10.4%
HST		13%		\$ 13.64	13%		\$ 15.05	\$ 1.42	10.4%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 110.13</b>			<b>\$ 121.57</b>	<b>\$ 11.43</b>	<b>10.4%</b>

Loss Factor (%)

3.76%

3.76%

RESIDENTIAL

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **212** kWh ○ May 1 - October 31

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 32.63	1	\$ 32.63	\$ 37.46	1	\$ 37.46	\$ 4.83	14.80%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.48	1	-\$ 0.48	\$ -	1	\$ -	\$ 0.48	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 1.48	1	-\$ 1.48	\$ -	1	\$ -	\$ 1.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.03	1	\$ 0.03	\$ 0.03	1	\$ 0.03	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.46	1	\$ 0.46	\$ 0.46	1	\$ 0.46	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.88	1	\$ 0.88	\$ 0.88	1	\$ 0.88	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.28	1	\$ 0.28	\$ 0.28	1	\$ 0.28	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01063	212	\$ 2.25	\$ 0.00552	212	\$ 1.17	-\$ 1.08	-48.07%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00041	212	\$ 0.09	\$ 0.00095	212	\$ 0.20	\$ 0.11	131.71%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 35.04</b>			<b>\$ 40.86</b>	<b>\$ 5.82</b>	<b>16.61%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	8	\$ 0.93	\$ 0.1164	8	\$ 0.93	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	-\$ 0.04438	8	-\$ 0.35	-\$ 0.04438	8	-\$ 0.35	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00320	212	-\$ 0.68	-\$ 0.00053	212	-\$ 0.11	\$ 0.57	-83.44%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	212	\$ 0.01	\$ 0.00003	212	\$ 0.01	-\$ 0.01	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	212	-\$ 0.24	\$ 0.00585	212	\$ 1.24	\$ 1.48	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 35.27</b>			<b>\$ 43.13</b>	<b>\$ 7.86</b>	<b>22.27%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	220	\$ 1.67	\$ 0.00796	220	\$ 1.75	\$ 0.08	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	220	\$ 1.36	\$ 0.00703	220	\$ 1.55	\$ 0.19	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 38.30</b>			<b>\$ 46.43</b>	<b>\$ 8.13</b>	<b>21.22%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	220	\$ 0.70	\$ 0.0032	220	\$ 0.70	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	220	\$ 0.07	\$ 0.0003	220	\$ 0.07	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	220	\$ 0.09	\$ 0.0004	220	\$ 0.09	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	138	\$ 8.96	\$ 0.0650	138	\$ 8.96	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	36	\$ 3.39	\$ 0.0940	36	\$ 3.39	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	38	\$ 5.04	\$ 0.1320	38	\$ 5.04	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	150	\$ 13.35	\$ 0.0890	150	\$ 13.35	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 56.79</b>			<b>\$ 64.92</b>	<b>\$ 8.13</b>	<b>14.3%</b>
<b>8% Provincial Rebate</b>		-8%		-\$ 4.54	-8%		-\$ 5.19	-\$ 0.65	14.3%
HST		13%		\$ 7.38	13%		\$ 8.44	\$ 1.06	14.3%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 59.63</b>			<b>\$ 68.16</b>	<b>\$ 8.53</b>	<b>14.3%</b>

Loss Factor (%)

3.76%

3.76%

RESIDENTIAL

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU**

Consumption **300** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed aft

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Service Charge	per 30 days	\$ 26.80	1	\$ 26.80	\$ 30.56	1	\$ 30.56	\$ 3.76	14.03%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.19	1	-\$ 0.19	1	\$ -	\$ 0.19	\$ 0.19	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 0.59	1	-\$ 0.59	1	\$ -	\$ 0.59	\$ 0.59	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.04	1	\$ 0.04	\$ 0.04	1	\$ 0.04	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.01	1	\$ 0.01	\$ 0.01	1	\$ 0.01	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.18	1	\$ 0.18	\$ 0.18	1	\$ 0.18	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.19	1	\$ 0.19	\$ 0.19	1	\$ 0.19	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.09	1	\$ 0.09	\$ 0.09	1	\$ 0.09	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01627	300	\$ 4.88	\$ 0.00845	300	\$ 2.54	-\$ 2.35	-48.06%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00068	300	\$ 0.20	\$ 0.00125	300	\$ 0.38	\$ 0.17	83.82%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 31.62</b>			<b>\$ 33.98</b>	<b>\$ 2.36</b>	<b>7.48%</b>
Line Losses on Cost of Power	per kWh	\$ 0.0820	11	\$ 0.92	\$ 0.0820	11	\$ 0.92	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00392	300	-\$ 1.18	-\$ 0.00056	300	-\$ 0.17	\$ 1.01	-85.71%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	300	\$ 0.02	\$ 0.00003	300	\$ 0.01	-\$ 0.01	-57%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 31.94</b>			<b>\$ 35.31</b>	<b>\$ 3.36</b>	<b>10.52%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	311	\$ 2.36	\$ 0.00796	311	\$ 2.48	\$ 0.12	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	311	\$ 1.92	\$ 0.00703	311	\$ 2.19	\$ 0.27	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 36.23</b>			<b>\$ 39.97</b>	<b>\$ 3.74</b>	<b>10.33%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	311	\$ 1.00	\$ 0.0032	311	\$ 1.00	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	311	\$ 0.09	\$ 0.0003	311	\$ 0.09	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	311	\$ 0.12	\$ 0.0004	311	\$ 0.12	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	195	\$ 12.68	\$ 0.0650	195	\$ 12.68	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	51	\$ 4.79	\$ 0.0940	51	\$ 4.79	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	54	\$ 7.13	\$ 0.1320	54	\$ 7.13	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	300	\$ 23.10	\$ 0.0770	300	\$ 23.10	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	0	\$ -	\$ 0.0890	0	\$ -	\$ -	
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 62.29</b>			<b>\$ 66.03</b>	<b>\$ 3.74</b>	<b>6.0%</b>
8% Provincial Rebate		-8%		-\$ 4.98	-8%		-\$ 5.28	-\$ 0.30	6.0%
HST		13%		\$ 8.10	13%		\$ 8.58	\$ 0.49	6.0%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 65.40</b>			<b>\$ 69.33</b>	<b>\$ 3.93</b>	<b>6.0%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU**

Consumption **198** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed aft

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Service Charge	per 30 days	\$ 26.80	1	\$ 26.80	\$ 30.56	1	\$ 30.56	\$ 3.76	14.03%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.19	1	-\$ 0.19	1	\$ -	\$ 0.19	\$ 0.19	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 0.59	1	-\$ 0.59	1	\$ -	\$ 0.59	\$ 0.59	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.04	1	\$ 0.04	\$ 0.04	1	\$ 0.04	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.01	1	\$ 0.01	\$ 0.01	1	\$ 0.01	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.18	1	\$ 0.18	\$ 0.18	1	\$ 0.18	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.19	1	\$ 0.19	\$ 0.19	1	\$ 0.19	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.09	1	\$ 0.09	\$ 0.09	1	\$ 0.09	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01627	198	\$ 3.22	\$ 0.00845	198	\$ 1.67	-\$ 1.55	-48.06%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00068	198	\$ 0.13	\$ 0.00125	198	\$ 0.25	\$ 0.11	83.82%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 29.89</b>			<b>\$ 32.99</b>	<b>\$ 3.10</b>	<b>10.39%</b>
Line Losses on Cost of Power	per kWh	\$ 0.0820	7	\$ 0.61	\$ 0.0820	7	\$ 0.61	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00392	198	-\$ 0.78	-\$ 0.00056	198	-\$ 0.11	\$ 0.67	-86%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	198	\$ 0.01	\$ 0.00003	198	\$ 0.01	-\$ 0.01	-57%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 30.29</b>			<b>\$ 34.06</b>	<b>\$ 3.76</b>	<b>12.42%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	205	\$ 1.56	\$ 0.00796	205	\$ 1.64	\$ 0.08	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	205	\$ 1.27	\$ 0.00703	205	\$ 1.44	\$ 0.18	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 33.12</b>			<b>\$ 37.14</b>	<b>\$ 4.01</b>	<b>12.12%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	205	\$ 0.66	\$ 0.0032	205	\$ 0.66	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	205	\$ 0.06	\$ 0.0003	205	\$ 0.06	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	205	\$ 0.08	\$ 0.0004	205	\$ 0.08	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	129	\$ 8.37	\$ 0.0650	129	\$ 8.37	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	34	\$ 3.16	\$ 0.0940	34	\$ 3.16	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	36	\$ 4.70	\$ 0.1320	36	\$ 4.70	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	198	\$ 15.25	\$ 0.0770	198	\$ 15.25	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	0	\$ -	\$ 0.0890	0	\$ -	\$ -	
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 50.41</b>			<b>\$ 54.42</b>	<b>\$ 4.01</b>	<b>8.0%</b>
8% Provincial Rebate		-8%		-\$ 4.03	-8%		-\$ 4.35	-\$ 0.32	8.0%
HST		13%		\$ 6.55	13%		\$ 7.07	\$ 0.52	8.0%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 52.93</b>			<b>\$ 57.14</b>	<b>\$ 4.22</b>	<b>8.0%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **300** kWh ○ May 1 - October 31

	Charge Unit	212			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 26.80	1	\$ 26.80	\$ 30.56	1	\$ 30.56	\$ 3.76	14.03%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.19	1	-\$ 0.19	1	\$ -	\$ 0.19	\$ 0.19	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 0.59	1	-\$ 0.59	1	\$ -	\$ 0.59	\$ 0.59	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.04	1	\$ 0.04	\$ 0.04	1	\$ 0.04	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.01	1	\$ 0.01	\$ 0.01	1	\$ 0.01	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.18	1	\$ 0.18	\$ 0.18	1	\$ 0.18	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.19	1	\$ 0.19	\$ 0.19	1	\$ 0.19	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.09	1	\$ 0.09	\$ 0.09	1	\$ 0.09	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01627	300	\$ 4.88	\$ 0.00845	300	\$ 2.54	-\$ 2.35	-48.06%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00068	300	\$ 0.20	\$ 0.00125	300	\$ 0.38	\$ 0.17	83.82%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 31.62</b>			<b>\$ 33.98</b>	<b>\$ 2.36</b>	<b>7.48%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	11	\$ 1.31	\$ 0.1164	11	\$ 1.31	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	-\$ 0.04438	11	-\$ 0.50	-\$ 0.04438	11	-\$ 0.50	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00392	300	-\$ 1.18	-\$ 0.00056	300	-\$ 0.17	\$ 1.01	-86%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	300	\$ 0.02	\$ 0.00003	300	\$ 0.01	-\$ 0.01	-57%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	300	-\$ 0.34	\$ 0.00585	300	\$ 1.76	\$ 2.09	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 31.50</b>			<b>\$ 36.95</b>	<b>\$ 5.45</b>	<b>17.31%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	311	\$ 2.36	\$ 0.00796	311	\$ 2.48	\$ 0.12	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	311	\$ 1.92	\$ 0.00703	311	\$ 2.19	\$ 0.27	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 35.78</b>			<b>\$ 41.61</b>	<b>\$ 5.83</b>	<b>16.31%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	311	\$ 1.00	\$ 0.0032	311	\$ 1.00	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	311	\$ 0.09	\$ 0.0003	311	\$ 0.09	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	311	\$ 0.12	\$ 0.0004	311	\$ 0.12	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	195	\$ 12.68	\$ 0.0650	195	\$ 12.68	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	51	\$ 4.79	\$ 0.0940	51	\$ 4.79	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	54	\$ 7.13	\$ 0.1320	54	\$ 7.13	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	300	\$ 23.10	\$ 0.0770	300	\$ 23.10	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	0	\$ -	\$ 0.0890	0	\$ -	\$ -	
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 61.84</b>			<b>\$ 67.68</b>	<b>\$ 5.83</b>	<b>9.4%</b>
<b>8% Provincial Rebate</b>		-8%		-\$ 4.95	-8%		-\$ 5.41	-\$ 0.47	9.4%
HST		13%		\$ 8.04	13%		\$ 8.80	\$ 0.76	9.4%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 64.93</b>			<b>\$ 71.06</b>	<b>\$ 6.13</b>	<b>9.4%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **198** kWh ○ May 1 - October 31

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 26.80	1	\$ 26.80	\$ 30.56	1	\$ 30.56	\$ 3.76	14.03%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per 30 days	-\$ 0.19	1	-\$ 0.19	1	\$ -	\$ 0.19	\$ 0.19	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per 30 days	-\$ 0.59	1	-\$ 0.59	1	\$ -	\$ 0.59	\$ 0.59	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per 30 days	\$ 0.04	1	\$ 0.04	\$ 0.04	1	\$ 0.04	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per 30 days	\$ 0.01	1	\$ 0.01	\$ 0.01	1	\$ 0.01	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per 30 days	\$ 0.18	1	\$ 0.18	\$ 0.18	1	\$ 0.18	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.19	1	\$ 0.19	\$ 0.19	1	\$ 0.19	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.09	1	\$ 0.09	\$ 0.09	1	\$ 0.09	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.01627	198	\$ 3.22	\$ 0.00845	198	\$ 1.67	-\$ 1.55	-48.06%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ 0.00068	198	\$ 0.13	\$ 0.00125	198	\$ 0.25	\$ 0.11	83.82%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 29.89</b>			<b>\$ 32.99</b>	<b>\$ 3.10</b>	<b>10.39%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	7	\$ 0.87	\$ 0.1164	7	\$ 0.87	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	-\$ 0.04438	7	-\$ 0.33	-\$ 0.04438	7	-\$ 0.33	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00392	198	-\$ 0.78	-\$ 0.00056	198	-\$ 0.11	\$ 0.67	-86%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	198	\$ 0.01	\$ 0.00003	198	\$ 0.01	-\$ 0.01	-57%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	198	-\$ 0.22	\$ 0.00585	198	\$ 1.16	\$ 1.38	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 30.00</b>			<b>\$ 35.14</b>	<b>\$ 5.14</b>	<b>17.14%</b>
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00759	205	\$ 1.56	\$ 0.00796	205	\$ 1.64	\$ 0.08	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00617	205	\$ 1.27	\$ 0.00703	205	\$ 1.44	\$ 0.18	13.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 32.83</b>			<b>\$ 38.22</b>	<b>\$ 5.39</b>	<b>16.43%</b>
Wholesale Market Service Rate - not including CBR	per kWh	\$ 0.0032	205	\$ 0.66	\$ 0.0032	205	\$ 0.66	\$ -	0.00%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$ 0.0003	205	\$ 0.06	\$ 0.0003	205	\$ 0.06	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	205	\$ 0.08	\$ 0.0004	205	\$ 0.08	\$ -	0.00%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	129	\$ 8.37	\$ 0.0650	129	\$ 8.37	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	34	\$ 3.16	\$ 0.0940	34	\$ 3.16	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	36	\$ 4.70	\$ 0.1320	36	\$ 4.70	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	198	\$ 15.25	\$ 0.0770	198	\$ 15.25	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	0	\$ -	\$ 0.0890	0	\$ -	\$ -	
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 50.11</b>			<b>\$ 55.51</b>	<b>\$ 5.39</b>	<b>10.8%</b>
<b>8% Provincial Rebate</b>									
HST		-8%		-\$ 4.01	-8%		-\$ 4.44	-\$ 0.43	10.8%
		13%		\$ 6.51	13%		\$ 7.22	\$ 0.70	10.8%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>				<b>\$ 52.62</b>			<b>\$ 58.28</b>	<b>\$ 5.66</b>	<b>10.8%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE LESS THAN 50 kW SERVICE**

TOU / non-TOU: **TOU**

Consumption **2,000** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Service Charge	per 30 days	\$ 34.45	1	\$ 34.45	\$ 35.78	1	\$ 35.78	\$ 1.33	3.86%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 1.55	1	\$ 1.55	\$ 1.55	1	\$ 1.55	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.03187	2,000	\$ 63.74	\$ 0.03310	2,000	\$ 66.20	\$ 2.46	3.86%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kWh	-\$ 0.00051	2,000	-\$ 1.02		2,000	\$ -	\$ 1.02	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kWh	-\$ 0.00156	2,000	-\$ 3.12		2,000	\$ -	\$ 3.12	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kWh	\$ 0.00013	2,000	\$ 0.26	\$ 0.00013	2,000	\$ 0.26	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kWh	\$ 0.00003	2,000	\$ 0.06	\$ 0.00003	2,000	\$ 0.06	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kWh	\$ 0.00049	2,000	\$ 0.98	\$ 0.00049	2,000	\$ 0.98	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	\$ 0.00076	2,000	\$ 1.52	\$ 0.00076	2,000	\$ 1.52	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	\$ 0.00024	2,000	\$ 0.48	\$ 0.00024	2,000	\$ 0.48	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00019	2,000	-\$ 0.38	\$ 0.00020	2,000	\$ 0.40	\$ 0.78	-205.26%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 99.56</b>			<b>\$ 108.27</b>	<b>\$ 8.71</b>	<b>8.75%</b>	
Line Losses on Cost of Power	per kWh	\$ 0.0820	75	\$ 6.17	\$ 0.0820	75	\$ 6.17	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00317	2,000	-\$ 6.34	\$ 0.00051	2,000	\$ 1.02	\$ 5.32	-83.91%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	2,000	\$ 0.14	\$ 0.00003	2,000	\$ 0.06	-\$ 0.08	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 100.09</b>			<b>\$ 114.04</b>	<b>\$ 13.95</b>	<b>13.94%</b>	
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00739	2,075	\$ 15.34	\$ 0.00775	2,075	\$ 16.08	\$ 0.75	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00552	2,075	\$ 11.46	\$ 0.00629	2,075	\$ 13.05	\$ 1.60	13.95%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 126.88</b>			<b>\$ 143.17</b>	<b>\$ 16.29</b>	<b>12.84%</b>	
Wholesale Market Service Charge (WMSMC)	per kWh	\$ 0.0032	2,075	\$ 6.64	\$ 0.0032	2,075	\$ 6.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	2,075	\$ 0.62	\$ 0.0003	2,075	\$ 0.62	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	2,075	\$ 0.83	\$ 0.0004	2,075	\$ 0.83	\$ -	0.00%
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	1,400	\$ 124.60	\$ 0.0890	1,400	\$ 124.60	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164		\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164		\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 299.20</b>			<b>\$ 315.49</b>	<b>\$ 16.29</b>	<b>5.4%</b>	
8% Provincial Rebate		-8%	-\$ 23.94	-8%	-\$ 25.24	-\$ 1.30	\$ 1.30	5.4%	
HST		13%	\$ 38.90	13%	\$ 41.01	\$ 2.12	\$ 2.12	5.4%	
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>			<b>\$ 314.16</b>			<b>\$ 331.27</b>	<b>\$ 17.11</b>	<b>5.4%</b>	
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 306.02</b>			<b>\$ 322.31</b>	<b>\$ 16.29</b>	<b>5.3%</b>	
8% Provincial Rebate		-8%	-\$ 24.48	-8%	-\$ 25.79	-\$ 1.30	\$ 1.30	5.3%	
HST		13%	\$ 39.78	13%	\$ 41.90	\$ 2.12	\$ 2.12	5.3%	
<b>Total Bill on RPP (after Tax &amp; Rebate)</b>			<b>\$ 321.32</b>			<b>\$ 338.43</b>	<b>\$ 17.11</b>	<b>5.3%</b>	

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE LESS THAN 50 kW SERVICE**

TOU / non-TOU: **TOU**

Consumption **2,800 kWh**  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days		\$ 34.45	\$ 35.78	1	\$ 35.78	\$ 1.33	3.86%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days		\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days		\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days		\$ 1.55	\$ 1.55	1	\$ 1.55	\$ -	0.00%
Distribution Volumetric Rate	per kWh	2,800	\$ 89.24	\$ 0.03310	2,800	\$ 92.68	\$ 3.44	3.86%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kWh	2,800	\$ 1.43		2,800	\$ -	\$ 1.43	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kWh	2,800	\$ 4.37		2,800	\$ -	\$ 4.37	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kWh	2,800	\$ 0.36	\$ 0.00013	2,800	\$ 0.36	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kWh	2,800	\$ 0.08	\$ 0.00003	2,800	\$ 0.08	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kWh	2,800	\$ 1.37	\$ 0.00049	2,800	\$ 1.37	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	2,800	\$ 2.13	\$ 0.00076	2,800	\$ 2.13	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	2,800	\$ 0.67	\$ 0.00024	2,800	\$ 0.67	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	2,800	\$ 0.53	\$ 0.00020	2,800	\$ 0.56	\$ 1.09	-205.26%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 124.57</b>			<b>\$ 136.23</b>	<b>\$ 11.66</b>	<b>9.36%</b>
Line Losses on Cost of Power	per kWh	105	\$ 8.63	\$ 0.0820	105	\$ 8.63	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	2,800	\$ 8.88	\$ 0.00051	2,800	\$ 1.43	\$ 7.45	-83.91%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	2,800	\$ 0.20	\$ 0.00003	2,800	\$ 0.08	\$ 0.11	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh		\$ -	\$ 0.00585		\$ -	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 125.08</b>			<b>\$ 144.08</b>	<b>\$ 19.00</b>	<b>15.19%</b>
Retail Transmission Rate - Network Service Rate	per kWh	2,905	\$ 21.47	\$ 0.00739	2,905	\$ 22.52	\$ 1.05	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	2,905	\$ 16.04	\$ 0.00552	2,905	\$ 18.27	\$ 2.24	13.95%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 162.59</b>			<b>\$ 184.87</b>	<b>\$ 22.28</b>	<b>13.70%</b>
Wholesale Market Service Charge (WMSMC)	per kWh	2,905	\$ 9.30	\$ 0.0032	2,905	\$ 9.30	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	2,905	\$ 0.87	\$ 0.0003	2,905	\$ 0.87	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	2,905	\$ 1.16	\$ 0.0004	2,905	\$ 1.16	\$ -	0.00%
Standard Supply Service Charge	per 30 days	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	1,820	\$ 118.30	\$ 0.0650	1,820	\$ 118.30	\$ -	0.00%
TOU - Mid Peak	per kWh	476	\$ 44.74	\$ 0.0940	476	\$ 44.74	\$ -	0.00%
TOU - On Peak	per kWh	504	\$ 66.53	\$ 0.1320	504	\$ 66.53	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	2,200	\$ 195.80	\$ 0.0890	2,200	\$ 195.80	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh		\$ -	\$ 0.1164		\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh		\$ -	\$ 0.1164		\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 403.74</b>			<b>\$ 426.02</b>	<b>\$ 22.28</b>	<b>5.5%</b>
<b>8% Provincial Rebate</b>								
HST			\$ 32.30			\$ 34.08	\$ 1.78	5.5%
HST			\$ 52.49			\$ 55.38	\$ 2.90	5.5%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>			<b>\$ 423.93</b>			<b>\$ 447.32</b>	<b>\$ 23.40</b>	<b>5.5%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 416.17</b>			<b>\$ 438.45</b>	<b>\$ 22.28</b>	<b>5.4%</b>
<b>8% Provincial Rebate</b>								
HST			\$ 33.29			\$ 35.08	\$ 1.78	5.4%
HST			\$88,227.54			\$ 57.00	-\$88,170.55	-99.9%
<b>Total Bill on RPP (after Tax &amp; Rebate)</b>			<b>\$88,610.42</b>			<b>\$ 460.37</b>	<b>-\$88,150.05</b>	<b>-99.5%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE LESS THAN 50 kW SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **2,000** kWh  May 1 - October 31

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days		\$ 34.45	\$ 35.78	1	\$ 35.78	\$ 1.33	3.86%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days		\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days		\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days		\$ 1.55	\$ 1.55	1	\$ 1.55	\$ -	0.00%
Distribution Volumetric Rate	per kWh	2,000	\$ 63.74	\$ 0.03310	2,000	\$ 66.20	\$ 2.46	3.86%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kWh	2,000	\$ 1.02		2,000	\$ -	\$ 1.02	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kWh	2,000	\$ 3.12		2,000	\$ -	\$ 3.12	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kWh	2,000	\$ 0.26	\$ 0.00013	2,000	\$ 0.26	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kWh	2,000	\$ 0.06	\$ 0.00003	2,000	\$ 0.06	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kWh	2,000	\$ 0.98	\$ 0.00049	2,000	\$ 0.98	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	2,000	\$ 1.52	\$ 0.00076	2,000	\$ 1.52	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	2,000	\$ 0.48	\$ 0.00024	2,000	\$ 0.48	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	2,000	\$ 0.38	\$ 0.00020	2,000	\$ 0.40	\$ 0.78	-205.26%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 99.56</b>			<b>\$ 108.27</b>	<b>\$ 8.71</b>	<b>8.75%</b>
Line Losses on Cost of Power	per kWh	75	\$ 8.75	\$ 0.1164	75	\$ 8.75	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	75	\$ 3.34	\$ 0.04438	75	\$ 3.34	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	2,000	\$ 6.34	\$ 0.00051	2,000	\$ 1.02	\$ 5.32	-83.91%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	2,000	\$ 0.14	\$ 0.00003	2,000	\$ 0.06	\$ -0.08	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	2,000	\$ 2.24	\$ 0.00585	2,000	\$ 11.70	\$ 13.94	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 97.10</b>			<b>\$ 124.99</b>	<b>\$ 27.89</b>	<b>28.72%</b>
Retail Transmission Rate - Network Service Rate	per kWh	2,075	\$ 15.34	\$ 0.00775	2,075	\$ 16.08	\$ 0.75	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	2,075	\$ 11.46	\$ 0.00629	2,075	\$ 13.05	\$ 1.60	13.95%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 123.89</b>			<b>\$ 154.12</b>	<b>\$ 30.23</b>	<b>24.41%</b>
Wholesale Market Service Charge (WMSC)	per kWh	2,075	\$ 6.64	\$ 0.0032	2,075	\$ 6.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	2,075	\$ 0.62	\$ 0.0003	2,075	\$ 0.62	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	2,075	\$ 0.83	\$ 0.0004	2,075	\$ 0.83	\$ -	0.00%
Standard Supply Service Charge	per 30 days	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	per kWh	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	per kWh	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	1,400	\$ 124.60	\$ 0.0890	1,400	\$ 124.60	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh		\$ -	\$ 0.1164		\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh		\$ -	\$ 0.1164		\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 296.21</b>			<b>\$ 326.44</b>	<b>\$ 30.23</b>	<b>10.2%</b>
8% Provincial Rebate			\$ -23.70			\$ -26.12	\$ -2.42	10.2%
HST			\$ 38.51			\$ 42.44	\$ 3.93	10.2%
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>			<b>\$ 311.02</b>			<b>\$ 342.77</b>	<b>\$ 31.75</b>	<b>10.2%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 303.03</b>			<b>\$ 333.26</b>	<b>\$ 30.23</b>	<b>10.0%</b>
8% Provincial Rebate			\$ -24.24			\$ -26.66	\$ -2.42	10.0%
HST			\$ 39.39			\$ 43.32	\$ 3.93	10.0%
<b>Total Bill on RPP (after Tax &amp; Rebate)</b>			<b>\$ 318.18</b>			<b>\$ 349.93</b>	<b>\$ 31.75</b>	<b>10.0%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE LESS THAN 50 kW SERVICE**

TOU / non-TOU: **TOU** RETAILER

Consumption **2,800** kWh  May 1 - October 31

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Service Charge	per 30 days	\$ 34.45	1	\$ 34.45	\$ 35.78	1	\$ 35.78	\$ 1.33	3.86%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.79	1	\$ 0.79	\$ 0.79	1	\$ 0.79	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days	\$ 1.55	1	\$ 1.55	\$ 1.55	1	\$ 1.55	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.03187	2,800	\$ 89.24	\$ 0.03310	2,800	\$ 92.68	\$ 3.44	3.86%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kWh	-\$ 0.00051	2,800	-\$ 1.43		2,800	\$ -	\$ 1.43	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kWh	-\$ 0.00156	2,800	-\$ 4.37		2,800	\$ -	\$ 4.37	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kWh	\$ 0.00013	2,800	\$ 0.36	\$ 0.00013	2,800	\$ 0.36	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kWh	\$ 0.00003	2,800	\$ 0.08	\$ 0.00003	2,800	\$ 0.08	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kWh	\$ 0.00049	2,800	\$ 1.37	\$ 0.00049	2,800	\$ 1.37	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	\$ 0.00076	2,800	\$ 2.13	\$ 0.00076	2,800	\$ 2.13	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	\$ 0.00024	2,800	\$ 0.67	\$ 0.00024	2,800	\$ 0.67	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00019	2,800	-\$ 0.53	\$ 0.00020	2,800	\$ 0.56	\$ 1.09	-205.26%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 124.57</b>			<b>\$ 136.23</b>	<b>\$ 11.66</b>	<b>9.36%</b>	
Line Losses on Cost of Power	per kWh	\$ 0.1164	105	\$ 12.25	\$ 0.1164	105	\$ 12.25	\$ -	0.00%
Global Adjustment Modifier Losses	per kWh	-\$ 0.04438	105	-\$ 4.67	-\$ 0.04438	105	-\$ 4.67	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00317	2,800	-\$ 8.88	-\$ 0.00051	2,800	-\$ 1.43	\$ 7.45	-83.91%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	2,800	\$ 0.20	\$ 0.00003	2,800	\$ 0.08	-\$ 0.11	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	2,800	-\$ 3.14	\$ 0.00585	2,800	\$ 16.38	\$ 19.52	-622.32%
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$ 0.56	1	\$ 0.56	\$ 0.56	1	\$ 0.56	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 120.89</b>			<b>\$ 159.41</b>	<b>\$ 38.51</b>	<b>31.86%</b>	
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0.00739	2,905	\$ 21.47	\$ 0.00775	2,905	\$ 22.52	\$ 1.05	4.87%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0.00552	2,905	\$ 16.04	\$ 0.00629	2,905	\$ 18.27	\$ 2.24	13.95%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 158.40</b>			<b>\$ 200.20</b>	<b>\$ 41.80</b>	<b>26.39%</b>	
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	2,905	\$ 9.30	\$ 0.0032	2,905	\$ 9.30	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	2,905	\$ 0.87	\$ 0.0003	2,905	\$ 0.87	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	2,905	\$ 1.16	\$ 0.0004	2,905	\$ 1.16	\$ -	0.00%
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	1,820	\$ 118.30	\$ 0.0650	1,820	\$ 118.30	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	476	\$ 44.74	\$ 0.0940	476	\$ 44.74	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	504	\$ 66.53	\$ 0.1320	504	\$ 66.53	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	600	\$ 46.20	\$ 0.0770	600	\$ 46.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	2,200	\$ 195.80	\$ 0.0890	2,200	\$ 195.80	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164		\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164		\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 399.55</b>			<b>\$ 441.35</b>	<b>\$ 41.80</b>	<b>10.5%</b>	
8% Provincial Rebate		-8%	-\$ 31.96		-8%	-\$ 35.31	-\$ 3.34	10.5%	
HST		13%	\$ 51.94		13%	\$ 57.38	\$ 5.43	10.5%	
<b>Total Bill on TOU (after Tax &amp; Rebate)</b>			<b>\$ 419.53</b>			<b>\$ 463.42</b>	<b>\$ 43.89</b>	<b>10.5%</b>	
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 411.98</b>			<b>\$ 453.78</b>	<b>\$ 41.80</b>	<b>10.1%</b>	
8% Provincial Rebate		-8%	-\$ 32.96		-8%	-\$ 36.30	-\$ 3.34	10.1%	
HST		13%	\$ 53.56		13%	\$ 58.99	\$ 5.43	10.1%	
<b>Total Bill on RPP (after Tax &amp; Rebate)</b>			<b>\$ 432.58</b>			<b>\$ 476.47</b>	<b>\$ 43.89</b>	<b>10.1%</b>	

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE 50 TO 999 kW SERVICE**

TOU / non-TOU: non-TOU

SPOT Class B

Consumption  
 180 kW  
 200 kVA ● May 1 - October 31  
 79,000 kWh

○ November 1 - April 30 (Select this radio button for applications filed after Oct

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days \$ 49.55	1	\$ 49.55	\$ 51.46	1	\$ 51.46	\$ 1.91	3.85%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days \$ 1.01	1	\$ 1.01	\$ 1.01	1	\$ 1.01	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days \$ 0.30	1	\$ 0.30	\$ 0.30	1	\$ 0.30	\$ -	0.00%
Rate Rider for Recovery of Stranded Meters Assets - effective until Dec. 31, 2019.	per 30 days \$ 4.64	1	\$ 4.64	\$ 4.64	1	\$ 4.64	\$ -	0.00%
Distribution Volumetric Rate	per kVA \$ 7.7987	200	\$ 1,559.74	\$ 8.0989	200	\$ 1,619.78	\$ 60.04	3.85%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kVA -\$ 0.0814	200	-\$ 16.28		200	\$ -	\$ 16.28	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kVA -\$ 0.2512	200	-\$ 50.24		200	\$ -	\$ 50.24	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kVA \$ 0.0114	200	\$ 2.28	\$ 0.0114	200	\$ 2.28	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kVA \$ 0.0047	200	\$ 0.94	\$ 0.0047	200	\$ 0.94	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kVA \$ 0.0781	200	\$ 15.62	\$ 0.0781	200	\$ 15.62	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kVA \$ 0.1659	200	\$ 33.18	\$ 0.1659	200	\$ 33.18	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kVA \$ 0.0498	200	\$ 9.96	\$ 0.0498	200	\$ 9.96	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kVA \$ 0.0912	200	\$ 18.24	\$ 0.1946	200	\$ 38.92	\$ 20.68	113.38%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1,628.94</b>			<b>\$ 1,778.09</b>	<b>\$ 149.15</b>	<b>9.16%</b>
Line Losses on Cost of Power	per kWh \$ 0.1164	2,970	\$ 345.75	\$ 0.1164	2,970	\$ 345.75	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kVA -\$ 0.7597	200	-\$ 151.94	\$ 0.2865	200	\$ 57.30	\$ 209.24	-137.71%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) for Non-Wholesale Market Participants - effective until Dec. 31, 2019.	per kVA -\$ 0.5191	200	-\$ 103.82	-\$ 0.4822	200	-\$ 96.44	\$ 7.38	-7.11%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kVA \$ 0.0277	200	\$ 5.54	\$ 0.0107	200	\$ 2.14	-\$ 3.40	-61.37%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh -\$ 0.00112	79,000	-\$ 88.48	\$ 0.00585	79,000	\$ 462.15	\$ 550.63	-622.32%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 1,635.99</b>			<b>\$ 2,548.99</b>	<b>\$ 913.00</b>	<b>55.81%</b>
Retail Transmission Rate - Network Service Rate	per kW \$ 2.5690	180	\$ 462.42	\$ 2.6576	180	\$ 478.37	\$ 15.95	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kW \$ 2.0515	180	\$ 369.27	\$ 2.3054	180	\$ 414.97	\$ 45.70	12.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 2,467.68</b>			<b>\$ 3,442.33</b>	<b>\$ 974.65</b>	<b>39.50%</b>
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0032	81,970	\$ 262.31	\$ 0.0032	81,970	\$ 262.31	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0003	81,970	\$ 24.59	\$ 0.0003	81,970	\$ 24.59	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh \$ 0.0004	81,970	\$ 32.79	\$ 0.0004	81,970	\$ 32.79	\$ -	0.00%
Standard Supply Service Charge	per 30 days \$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0650	50,560	\$ 3,286.40	\$ 0.0650	50,560	\$ 3,286.40	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.0940	14,220	\$ 1,336.68	\$ 0.0940	14,220	\$ 1,336.68	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1320	14,220	\$ 1,877.04	\$ 0.1320	14,220	\$ 1,877.04	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0770	750	\$ 57.75	\$ 0.0770	750	\$ 57.75	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.0890	78,250	\$ 6,964.25	\$ 0.0890	78,250	\$ 6,964.25	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh \$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh \$ 0.1164	79,000	\$ 9,195.60	\$ 0.1164	79,000	\$ 9,195.60	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price (before Taxes)</b>			<b>\$ 11,983.22</b>			<b>\$ 12,957.87</b>	<b>\$ 974.65</b>	<b>8.1%</b>
8% Provincial Rebate		-8%		-8%				
HST		13%	\$ 1,557.82	13%	\$ 1,684.52	\$ 126.70	\$ 126.70	8.1%
<b>Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)</b>			<b>\$ 13,541.04</b>			<b>\$ 14,642.39</b>	<b>\$ 1,101.35</b>	<b>8.1%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 9,809.62</b>			<b>\$ 10,784.27</b>	<b>\$ 974.65</b>	<b>9.9%</b>
8% Provincial Rebate		-8%		-8%				
HST		13%	\$ 1,275.25	13%	\$ 1,401.95	\$ 126.70	\$ 126.70	9.9%
<b>Total Bill on RPP (after Tax and Rebate)</b>			<b>\$ 11,084.87</b>			<b>\$ 12,186.22</b>	<b>\$ 1,101.35</b>	<b>9.9%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE 1,000 TO 4,999 kW SERVICE**

TOU / non-TOU: **non-TOU SPOT CLASS A Non-WMP**

Consumption  
 1,800 kW  
 2,000 kVA  May 1 - October 31  
 900,000 kWh

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
	Service Charge	per 30 days	\$ 946.52	1	\$ 946.52	\$ 982.96	1	\$ 982.96	\$ 36.44
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 18.89	1	\$ 18.89	\$ 18.89	1	\$ 18.89	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 5.48	1	\$ 5.48	\$ 5.48	1	\$ 5.48	\$ -	0.00%
Distribution Volumetric Rate	per kVA	\$ 6.1355	2,000	\$ 12,271.00	\$ 6.3717	2,000	\$ 12,743.40	\$ 472.40	3.85%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kVA	-\$ 0.0653	2,000	-\$ 130.60		2,000	\$ -	\$ 130.60	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kVA	-\$ 0.2017	2,000	-\$ 403.40		2,000	\$ -	\$ 403.40	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kVA	\$ 0.0056	2,000	\$ 11.20	\$ 0.0056	2,000	\$ 11.20	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kVA	\$ 0.0038	2,000	\$ 7.60	\$ 0.0038	2,000	\$ 7.60	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kVA	\$ 0.0627	2,000	\$ 125.40	\$ 0.0627	2,000	\$ 125.40	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.1226	2,000	\$ 245.20	\$ 0.1226	2,000	\$ 245.20	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.0356	2,000	\$ 71.20	\$ 0.0356	2,000	\$ 71.20	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kVA	\$ 0.1051	2,000	\$ 210.20	\$ 0.1250	2,000	\$ 250.00	\$ 39.80	18.93%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 13,378.69</b>			<b>\$ 14,461.33</b>	<b>\$ 1,082.64</b>	<b>8.09%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	33,840	\$ 3,938.98	\$ 0.1164	33,840	\$ 3,938.98	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kVA	-\$ 0.8339	2,000	-\$ 1,667.80	-\$ 0.2227	2,000	-\$ 445.40	\$ 1,222.40	-73.29%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) for Non-Wholesale Market Participants - effective until Dec. 31, 2019.	per kVA	-\$ 0.5704	2,000	-\$ 1,140.80		2,000	\$ -	\$ 1,140.80	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kVA	\$ 0.0295	2,000	\$ 59.00	\$ 0.0116		\$ -	-\$ 59.00	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	900,000	-\$ 1,008.00	\$ 0.00585		\$ -	\$ 1,008.00	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 13,560.07</b>			<b>\$ 17,954.91</b>	<b>\$ 4,394.84</b>	<b>32.41%</b>
Retail Transmission Rate - Network Service Rate	per kW	\$ 2.4821	1,800	\$ 4,467.78	\$ 2.5677	1,800	\$ 4,621.86	\$ 154.08	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kW	\$ 2.0494	1,800	\$ 3,688.92	\$ 2.3030	1,800	\$ 4,145.40	\$ 456.48	12.37%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 21,716.77</b>			<b>\$ 26,722.17</b>	<b>\$ 5,005.40</b>	<b>23.05%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	933,840	\$ 2,988.29	\$ 0.0032	933,840	\$ 2,988.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	933,840	\$ 280.15	\$ 0.0003	933,840	\$ 280.15	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	933,840	\$ 373.54	\$ 0.0004	933,840	\$ 373.54	\$ -	0.00%
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	576,000	\$ 37,440.00	\$ 0.0650	576,000	\$ 37,440.00	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	162,000	\$ 15,228.00	\$ 0.0940	162,000	\$ 15,228.00	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	162,000	\$ 21,384.00	\$ 0.1320	162,000	\$ 21,384.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	750	\$ 57.75	\$ 0.0770	750	\$ 57.75	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	899,250	\$ 80,033.25	\$ 0.0890	899,250	\$ 80,033.25	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164	900,000	\$ 104,760.00	\$ 0.1164	900,000	\$ 104,760.00	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price (before Taxes)</b>				<b>\$ 130,118.99</b>			<b>\$ 135,124.39</b>	<b>\$ 5,005.40</b>	<b>3.8%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 16,915.47	13%		\$ 17,566.17	\$ 650.70	3.8%
<b>Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)</b>				<b>\$ 147,034.46</b>			<b>\$ 152,690.56</b>	<b>\$ 5,656.10</b>	<b>3.8%</b>
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 105,449.99</b>			<b>\$ 110,455.39</b>	<b>\$ 5,005.40</b>	<b>4.7%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 13,708.50	13%		\$ 14,359.20	\$ 650.70	4.7%
<b>Total Bill on RPP (after Tax and Rebate)</b>				<b>\$ 119,158.49</b>			<b>\$ 124,814.59</b>	<b>\$ 5,656.10</b>	<b>4.7%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
 Bill Impacts**

Customer Class: **GENERAL SERVICE 1,000 TO 4,999 kW SERVICE**

TOU / non-TOU: **non-TOU**

**SPOT CLASS B**

**1,800 kW**

**2,000 kVA**

**900,000 kWh**

May 1 - October 31

November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Consumption	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	%
Service Charge	per 30 days	\$ 946.52	1	\$ 946.52	\$ 982.96	1	\$ 982.96	\$ 36.44	3.85%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 18.89	1	\$ 18.89	\$ 18.89	1	\$ 18.89	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 5.48	1	\$ 5.48	\$ 5.48	1	\$ 5.48	\$ -	0.00%
Distribution Volumetric Rate	per kVA	\$ 6.1355	2,000	\$ 12,271.00	\$ 6.3717	2,000	\$ 12,743.40	\$ 472.40	3.85%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kVA	-\$ 0.0653	2,000	-\$ 130.60		2,000	\$ -	\$ 130.60	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kVA	-\$ 0.2017	2,000	-\$ 403.40		2,000	\$ -	\$ 403.40	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kVA	\$ 0.0056	2,000	\$ 11.20	\$ 0.0056	2,000	\$ 11.20	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kVA	\$ 0.0038	2,000	\$ 7.60	\$ 0.0038	2,000	\$ 7.60	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kVA	\$ 0.0627	2,000	\$ 125.40	\$ 0.0627	2,000	\$ 125.40	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.1226	2,000	\$ 245.20	\$ 0.1226	2,000	\$ 245.20	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.0356	2,000	\$ 71.20	\$ 0.0356	2,000	\$ 71.20	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kVA	\$ 0.1051	2,000	\$ 210.20	\$ 0.1250	2,000	\$ 250.00	\$ 39.80	18.93%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 13,378.69</b>			<b>\$ 14,461.33</b>	<b>\$ 1,082.64</b>	<b>8.09%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	33,840	\$ 3,938.98	\$ 0.1164	33,840	\$ 3,938.98	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kVA	-\$ 0.8339	2,000	-\$ 1,667.80	-\$ 0.2227	2,000	-\$ 445.40	\$ 1,222.40	-73.29%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) for Non-Wholesale Market Participants - effective until Dec. 31, 2019.	per kVA	-\$ 0.5704	2,000	-\$ 1,140.80		2,000	\$ -	\$ 1,140.80	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kVA	\$ 0.0295	2,000	\$ 59.00	\$ 0.0116	2,000	\$ 23.20	-\$ 35.80	-60.68%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	900,000	-\$ 1,008.00	\$ 0.00585	900,000	\$ 5,265.00	\$ 6,273.00	-622.32%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 13,560.07</b>			<b>\$ 23,243.11</b>	<b>\$ 9,683.04</b>	<b>71.41%</b>
Retail Transmission Rate - Network Service Rate	per kW	\$ 2.4821	1,800	\$ 4,467.78	\$ 2.5677	1,800	\$ 4,621.86	\$ 154.08	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kW	\$ 2.0494	1,800	\$ 3,688.92	\$ 2.3030	1,800	\$ 4,145.40	\$ 456.48	12.37%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 21,716.77</b>			<b>\$ 32,010.37</b>	<b>\$ 10,293.60</b>	<b>47.40%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	933,840	\$ 2,988.29	\$ 0.0032	933,840	\$ 2,988.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	933,840	\$ 280.15	\$ 0.0003	933,840	\$ 280.15	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	933,840	\$ 373.54	\$ 0.0004	933,840	\$ 373.54	\$ -	0.00%
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	576,000	\$ 37,440.00	\$ 0.0650	576,000	\$ 37,440.00	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	162,000	\$ 15,228.00	\$ 0.0940	162,000	\$ 15,228.00	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	162,000	\$ 21,384.00	\$ 0.1320	162,000	\$ 21,384.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	750	\$ 57.75	\$ 0.0770	750	\$ 57.75	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	899,250	\$ 80,033.25	\$ 0.0890	899,250	\$ 80,033.25	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164	900,000	\$ 104,760.00	\$ 0.1164	900,000	\$ 104,760.00	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price (before Taxes)</b>				<b>\$ 130,118.99</b>			<b>\$ 140,412.59</b>	<b>\$ 10,293.60</b>	<b>7.9%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 16,915.47	13%		\$ 18,253.64	\$ 1,338.17	7.9%
<b>Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)</b>				<b>\$ 147,034.46</b>			<b>\$ 158,666.23</b>	<b>\$ 11,631.77</b>	<b>7.9%</b>
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 105,449.99</b>			<b>\$ 115,743.59</b>	<b>\$ 10,293.60</b>	<b>9.8%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 13,708.50	13%		\$ 15,046.67	\$ 1,338.17	9.8%
<b>Total Bill on RPP (after Tax and Rebate)</b>				<b>\$ 119,158.49</b>			<b>\$ 130,790.26</b>	<b>\$ 11,631.77</b>	<b>9.8%</b>

212

Loss Factor (%)

3.76%

3.76%

OEB Appendix 2-W  
 Bill Impacts

Customer Class: **LARGE USE SERVICE**

TOU / non-TOU: non-TOU SPOT A Non-WMP

8,900 kW  
 9,700 kVA ● May 1 - October 31  
 4,100,000 kWh

○ November 1 - April 30 (Select this radio button for applications filed after Oct 3)

	Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Service Charge	per 30 days	\$ 4,178.03	1	\$ 4,178.03	\$ 4,338.88	1	\$ 4,338.88	\$ 160.85	3.85%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 85.84	1	\$ 85.84	\$ 85.84	1	\$ 85.84	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 25.18	1	\$ 25.18	\$ 25.18	1	\$ 25.18	\$ -	0.00%
Distribution Volumetric Rate	per kVA	\$ 6.5820	9,700	\$ 63,845.40	\$ 6.8354	9,700	\$ 66,303.38	\$ 2,457.98	3.85%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kVA	-\$ 0.0675	9,700	-\$ 654.75	9,700	\$ -	\$ -	\$ 654.75	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kVA	-\$ 0.2084	9,700	-\$ 2,021.48	9,700	\$ -	\$ -	\$ 2,021.48	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kVA	\$ 0.0044	9,700	\$ 42.68	\$ 0.0044	9,700	\$ 42.68	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kVA	\$ 0.0039	9,700	\$ 37.83	\$ 0.0039	9,700	\$ 37.83	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kVA	\$ 0.0648	9,700	\$ 628.56	\$ 0.0648	9,700	\$ 628.56	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.1382	9,700	\$ 1,340.54	\$ 0.1382	9,700	\$ 1,340.54	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.0406	9,700	\$ 393.82	\$ 0.0406	9,700	\$ 393.82	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kVA	\$ 0.2763	9,700	\$ 2,680.11	\$ 0.2280	9,700	\$ 2,211.60	-\$ 468.51	-17.48%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 70,581.76</b>			<b>\$ 75,408.31</b>	<b>\$ 4,826.55</b>	<b>6.84%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	76,670	\$ 8,924.39	\$ 0.1164	76,670	\$ 8,924.39	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kVA	-\$ 0.8782	9,700	-\$ 8,518.54	\$ 0.3459	9,700	\$ 3,355.23	\$ 11,873.77	-139.39%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) for Non-Wholesale Market Participants - effective until Dec. 31, 2019.	per kVA	-\$ 0.5945	9,700	-\$ 5,766.65	-\$ 0.5732	9,700	-\$ 5,560.04	\$ 206.61	-3.58%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kVA	\$ 0.0032		\$ -	\$ 0.0090		\$ -	\$ -	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kVA	-\$ 0.00112		\$ -	\$ 0.00585		\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 65,220.96</b>			<b>\$ 82,127.89</b>	<b>\$ 16,906.93</b>	<b>25.92%</b>
Retail Transmission Rate - Network Service Rate	per kW	\$ 2.8295	8,900	\$ 25,182.55	\$ 2.9271	8,900	\$ 26,051.19	\$ 868.64	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kW	\$ 2.2769	8,900	\$ 20,264.41	\$ 2.5587	8,900	\$ 22,772.43	\$ 2,508.02	12.38%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 110,667.92</b>			<b>\$ 130,951.51</b>	<b>\$ 20,283.59</b>	<b>18.33%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	4,176,670	\$ 13,365.34	\$ 0.0032	4,176,670	\$ 13,365.34	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	4,176,670	\$ 1,253.00	\$ 0.0003	4,176,670	\$ 1,253.00	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004		\$ -	\$ 0.0004		\$ -	\$ -	
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	2,624,000	\$ 170,560.00	\$ 0.0650	2,624,000	\$ 170,560.00	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	738,000	\$ 69,372.00	\$ 0.0940	738,000	\$ 69,372.00	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	738,000	\$ 97,416.00	\$ 0.1320	738,000	\$ 97,416.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	750	\$ 57.75	\$ 0.0770	750	\$ 57.75	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	4,099,250	\$ 364,833.25	\$ 0.0890	4,099,250	\$ 364,833.25	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164	4,100,000	\$ 477,240.00	\$ 0.1164	4,100,000	\$ 477,240.00	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price (before Taxes)</b>				<b>\$ 602,526.51</b>			<b>\$ 622,810.10</b>	<b>\$ 20,283.59</b>	<b>3.4%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 78,328.45	13%		\$ 80,965.31	\$ 2,636.87	3.4%
<b>Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)</b>				<b>\$ 680,854.96</b>			<b>\$ 703,775.42</b>	<b>\$ 22,920.46</b>	<b>3.4%</b>
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 490,177.51</b>			<b>\$ 510,461.10</b>	<b>\$ 20,283.59</b>	<b>4.1%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 63,723.08	13%		\$ 66,359.94	\$ 2,636.87	4.1%
<b>Total Bill on RPP (after Tax and Rebate)</b>				<b>\$ 553,900.59</b>			<b>\$ 576,821.05</b>	<b>\$ 22,920.46</b>	<b>4.1%</b>

Loss Factor (%)

1.87%

1.87%

LARGE USE SERVICE

OEB Appendix 2-W  
 Bill Impacts

Customer Class: **STREET LIGHTING SERVICE**

TOU / non-TOU:	Consumption	2018 Current Board-Approved		2019 Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
		Charge Unit							
	non-TOU								
			16,000	Devices					
			2,700	kW					
			2,700	kVA	<input checked="" type="radio"/> May 1 - October 31	<input type="radio"/> November 1 - April 30 (Select this radio button for applications filed after Oct 31)			
			955,000	kWh					
Service Charge (per device)	per device per 30 days	\$ 1.55	16,000	\$ 24,800.00	\$ 1.61	16,000	\$ 25,760.00	\$ 960.00	3.87%
Distribution Volumetric Rate	per kVA	\$ 34.4231	2,700	\$ 92,942.37	\$ 35.7484	2,700	\$ 96,520.68	\$ 3,578.31	3.85%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kVA	-\$ 0.5347	2,700	-\$ 1,443.69		2,700	\$ -	\$ 1,443.69	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kVA	-\$ 1.6506	2,700	-\$ 4,456.62		2,700	\$ -	\$ 4,456.62	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kVA	\$ 0.0741	2,700	\$ 200.07	\$ 0.0741	2,700	\$ 200.07	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kVA	\$ 0.0312	2,700	\$ 84.24	\$ 0.0312	2,700	\$ 84.24	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kVA	\$ 0.5133	2,700	\$ 1,385.91	\$ 0.5133	2,700	\$ 1,385.91	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kVA		2,700	\$ -		2,700	\$ -	\$ -	
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kVA	\$ 0.0478	2,700	\$ 129.06	\$ 0.0478	2,700	\$ 129.06	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kVA		2,700	\$ -		2,700	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 113,641.34</b>			<b>\$ 124,079.96</b>	<b>\$ 10,438.62</b>	<b>9.19%</b>
Line Losses on Cost of Power	per kWh	\$ 0.1164	35,908	\$ 4,179.69	\$ 0.1164	35,908	\$ 4,179.69	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kVA	-\$ 1.0860	2,700	-\$ 2,932.20	-\$ 0.1718	2,700	-\$ 463.86	\$ 2,468.34	-84.18%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) for Non-Wholesale Market Participants - effective until Dec. 31, 2019.	per kVA		2,700	\$ -		2,700	\$ -	\$ -	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kVA	\$ 0.0236	2,700	\$ 63.72	\$ 0.0094	2,700	\$ 25.38	-\$ 38.34	-60.17%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112	955,000	-\$ 1,069.60	\$ 0.00585	955,000	\$ 5,586.75	\$ 6,656.35	-622.32%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 113,882.95</b>			<b>\$ 133,407.92</b>	<b>\$ 19,524.97</b>	<b>17.14%</b>
Retail Transmission Rate - Network Service Rate	per kW	\$ 2.2849	2,700	\$ 6,169.23	\$ 2.3638	2,700	\$ 6,382.26	\$ 213.03	3.45%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kW	\$ 2.4461	2,700	\$ 6,604.47	\$ 2.7488	2,700	\$ 7,421.76	\$ 817.29	12.37%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 126,656.65</b>			<b>\$ 147,211.94</b>	<b>\$ 20,555.29</b>	<b>16.23%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	990,908	\$ 3,170.91	\$ 0.0032	990,908	\$ 3,170.91	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	990,908	\$ 297.27	\$ 0.0003	990,908	\$ 297.27	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	990,908	\$ 396.36	\$ 0.0004	990,908	\$ 396.36	\$ -	0.00%
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	611,200	\$ 39,728.00	\$ 0.0650	611,200	\$ 39,728.00	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	171,900	\$ 16,158.60	\$ 0.0940	171,900	\$ 16,158.60	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	171,900	\$ 22,690.80	\$ 0.1320	171,900	\$ 22,690.80	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	750	\$ 57.75	\$ 0.0770	750	\$ 57.75	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	954,250	\$ 84,928.25	\$ 0.0890	954,250	\$ 84,928.25	\$ -	0.00%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164	955,000	\$ 111,162.00	\$ 0.1164	955,000	\$ 111,162.00	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price (before Taxes)</b>				<b>\$ 241,683.44</b>			<b>\$ 262,238.73</b>	<b>\$ 20,555.29</b>	<b>8.5%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 31,418.85	13%		\$ 34,091.04	\$ 2,672.19	8.5%
<b>Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)</b>				<b>\$ 273,102.29</b>			<b>\$ 296,329.77</b>	<b>\$ 23,227.48</b>	<b>8.5%</b>
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 215,507.44</b>			<b>\$ 236,062.73</b>	<b>\$ 20,555.29</b>	<b>9.5%</b>
8% Provincial Rebate		-8%			-8%				
HST		13%		\$ 28,015.97	13%		\$ 30,688.16	\$ 2,672.19	9.5%
<b>Total Bill on RPP (after Tax and Rebate)</b>				<b>\$ 243,523.41</b>			<b>\$ 266,750.89</b>	<b>\$ 23,227.48</b>	<b>9.5%</b>

Loss Factor (%)

3.76%

3.76%

**OEB Appendix 2-W  
Bill Impacts**

Customer Class: **UNMETERED SCATTERED LOAD SERVICE**

TOU / non-TOU: non-TOU

RPP  
1 Connection

Consumption

285 kWh  May 1 - October 31

November 1 - April 30 (Select this radio button for applications filed after

Charge Unit	2018 Current Board-Approved			2019 Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
Service Charge	per 30 days	\$ 6.87	1	\$ 6.87	\$ 7.13	1	\$ 7.13	\$ 0.26	3.78%
Connection Charge (per connection)	per connection per 30 days	\$ 0.71	1	\$ 0.71	\$ 0.74	1	\$ 0.74	\$ 0.03	4.23%
Rate Rider for Recovery of 2015 Foregone Revenue (per connection) - effective until Dec. 31, 2019	per connection per 30 days	\$ 0.02	1	\$ 0.02	\$ 0.02	1	\$ 0.02	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue (per connection) - effective until Dec. 31, 2019	per connection per 30 days	\$ 0.01	1	\$ 0.01	\$ 0.01	1	\$ 0.01	\$ -	0.00%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.16	1	\$ 0.16	\$ 0.16	1	\$ 0.16	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per 30 days	\$ 0.05	1	\$ 0.05	\$ 0.05	1	\$ 0.05	\$ -	0.00%
Distribution Volumetric Rate	per kWh	\$ 0.08632	285	\$ 24.60	\$ 0.08964	285	\$ 25.55	\$ 0.95	3.85%
Rate Rider for Recovery of 2015 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	\$ 0.00203	285	\$ 0.58	\$ 0.00203	285	\$ 0.58	\$ -	0.00%
Rate Rider for Recovery of 2016 Foregone Revenue - effective until Dec. 31, 2019.	per kWh	\$ 0.00062	285	\$ 0.18	\$ 0.00062	285	\$ 0.18	\$ -	0.00%
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until Dec. 31, 2018	per kWh	-\$ 0.00096	285	-\$ 0.27	285	\$ -	\$ -	\$ 0.27	
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until Dec. 31, 2018.	per kWh	-\$ 0.00296	285	-\$ 0.84	285	\$ -	\$ -	\$ 0.84	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until Dec. 31, 2019.	per kWh	\$ 0.00029	285	\$ 0.08	\$ 0.00029	285	\$ 0.08	\$ -	0.00%
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until Dec. 31, 2019.	per kWh	\$ 0.00006	285	\$ 0.02	\$ 0.00006	285	\$ 0.02	\$ -	0.00%
Rate Rider for Application of IFRS - 2014 Derecognition - effective until Dec. 31, 2019.	per kWh	\$ 0.00092	285	\$ 0.26	\$ 0.00092	285	\$ 0.26	\$ -	0.00%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until Dec. 31, 2019.	per kWh	\$ -	285	\$ -	285	\$ -	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 32.42</b>			<b>\$ 34.77</b>	<b>\$ 2.35</b>	<b>7.26%</b>
Line Losses on Cost of Power	per kWh	\$ 0.0770	11	\$ 0.83	\$ 0.0770	11	\$ 0.83	\$ -	0.00%
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until Dec. 31, 2019.	per kWh	-\$ 0.00316	285	-\$ 0.90	-\$ 0.00050	285	-\$ 0.14	\$ 0.76	-84.18%
Rate Rider for Disposition of Capacity Based Recovery Account (2019) Applicable only for Class B Customers - effective until Dec. 31, 2018	per kWh	\$ 0.00007	285	\$ 0.02	\$ 0.00003	285	\$ 0.01	-\$ 0.01	-57.14%
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until Dec. 31, 2019 (Applicable only for Non-RPP Customers)	per kWh	-\$ 0.00112		\$ -	-\$ 0.00585		\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 32.37</b>			<b>\$ 35.47</b>	<b>\$ 3.10</b>	<b>9.58%</b>
RTSR - Network	per kWh	\$ 0.00460	296	\$ 1.36	\$ 0.00482	296	\$ 1.43	\$ 0.07	4.78%
RTSR - Line and Transformation Connection	per kWh	\$ 0.00390	296	\$ 1.15	\$ 0.00444	296	\$ 1.31	\$ 0.16	13.85%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 34.88</b>			<b>\$ 38.20</b>	<b>\$ 3.32</b>	<b>9.53%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0032	296	\$ 0.95	\$ 0.0032	296	\$ 0.95	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0003	296	\$ 0.09	\$ 0.0003	296	\$ 0.09	\$ -	0.00%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$ 0.0004	296	\$ 0.12	\$ 0.0004	296	\$ 0.12	\$ -	0.00%
Standard Supply Service Charge	per 30 days	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0650	185	\$ 12.04	\$ 0.0650	185	\$ 12.04	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.0940	48	\$ 4.55	\$ 0.0940	48	\$ 4.55	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1320	51	\$ 6.77	\$ 0.1320	51	\$ 6.77	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0770	285	\$ 21.95	\$ 0.0770	285	\$ 21.95	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.0890	-	\$ -	\$ 0.0890	-	\$ -	\$ -	
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	0	\$ -	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1164		\$ -	\$ 0.1164	-	\$ -	\$ -	
<b>Total Bill on RPP (before Taxes)</b>				<b>\$ 58.23</b>			<b>\$ 61.55</b>	<b>\$ 3.32</b>	<b>5.7%</b>
8% Provincial Rebate		-8%		-\$ 4.66	-8%		-\$ 4.92	-\$ 0.27	5.7%
HST		13%		\$ 7.57	13%		\$ 8.00	\$ 0.43	5.7%
<b>Total Bill on RPP (after Tax and Rebate)</b>				<b>\$ 61.14</b>			<b>\$ 64.63</b>	<b>\$ 3.49</b>	<b>5.7%</b>

Loss Factor (%)

3.76%

3.76%

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

Toronto Hydro-Electric System Limited  
EB-2018-0071  
Tab 6  
Schedule 1  
ORIGINAL  
(19 pages)

EB-2017-0077

### RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a separately metered living accommodation, where the Competitive Sector Multi-Unit Residential classification is not applicable. Eligibility is restricted to a dwelling unit that consists of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex building, with a residential zoning; a separately metered dwelling within a town house complex or apartment building; and bulk metered residential buildings with six or fewer units. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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	\$	32.63 (per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.78 (per 30 days)
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.28 (per 30 days)
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$	(0.48) (per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$	(1.48) (per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$	0.10 (per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$	0.03 (per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$	0.46 (per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.88 (per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.28 (per 30 days)
Distribution Volumetric Rate	\$/kWh	0.01063
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.00041
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.00320)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 Applicable only for Class B Customers	\$/kWh	0.00007

Issued December 14, 2017

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

Retail Transmission Rate - Network Service Rate	\$/kWh	0.00759
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00617

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25 (per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a multi-unit residential building, where unit metering is provided using technology that is substantially similar to that employed by competitive sector sub-metering providers. Use of electricity in non-residential units of multi-unit buildings does not qualify for this classification and will instead be subject to the applicable commercial classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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	\$	26.80 (per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.78 (per 30 days)
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$	(0.19) (per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$	(0.59) (per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$	0.04 (per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$	0.01 (per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$	0.18 (per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.19 (per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.09 (per 30 days)
Distribution Volumetric Rate	\$/kWh	0.01627
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	0.00068
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.00392)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00759

Issued December 14, 2017

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00617
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### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25 (per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	34.45 (per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.78 (per 30 days)
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	1.55 (per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.79 (per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.25 (per 30 days)
Distribution Volumetric Rate	\$/kWh	0.03187
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kWh	(0.00051)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kWh	(0.00019)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kWh	(0.00317)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kWh	(0.00156)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kWh	0.00013
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kWh	0.00003
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kWh	0.00049
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00076
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00024
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00739
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00552

Issued December 14, 2017

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	49.55	(per 30 days)
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	4.64	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	1.01	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.30	(per 30 days)
Distribution Volumetric Rate	\$/kVA	7.7987	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0277	(per 30 days)
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.0814)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)	

Issued December 14, 2017

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2018**

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

**EB-2017-0077**

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kVA	0.0912 (per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 (Applicable only for Non-Wholesale Market Participants)	\$/kVA	(0.5191) (per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(0.7597) (per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(0.2512) (per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0114 (per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0047 (per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0781 (per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1659 (per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0498 (per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5690 (per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0515 (per 30 days)

### **MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25 (per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 1,000 kW but less than 5,000 kW, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	946.52	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	18.89	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	5.48	(per 30 days)
Distribution Volumetric Rate	\$/kVA	6.1355	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0295	(per 30 days)
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.0653)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kVA	0.1051	(per 30 days)

Issued December 14, 2017

**Toronto Hydro-Electric System Limited**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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EB-2017-0077

Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 (pplicable only for Non-Wholesale Market Participants)	\$/kVA	(0.5704)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(0.8339)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(0.2017)	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0056	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0038	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0627	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1226	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0356	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.4821	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0494	(per 30 days)

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### LARGE USE SERVICE CLASSIFICATION

This classification applies to an 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, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4,178.03	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	85.84	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	25.18	(per 30 days)
Distribution Volumetric Rate	\$/kVA	6.5820	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0032	(per 30 days)
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.0675)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) - effective until December 31, 2018	\$/kVA	0.2763	(per 30 days)

Issued December 14, 2017

**Toronto Hydro-Electric System Limited**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2018**  
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EB-2017-0077

Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018 (Applicable only for Non-Wholesale Market Participants)	\$/kVA	(0.5945)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(0.8782)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(0.2084)	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0044	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0039	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0648	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1382	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0406	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8295	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2769	(per 30 days)

**MONTHLY RATES AND CHARGES - Regulatory Component**

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires THESL 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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility).

Service Charge	\$	237.17 (per 30 days)
Distribution Volumetric Rate		
For General Service 50 - 999 kW Service Classification	\$/kVA	7.7987 (per 30 days)
For General Service 1,000 - 4,999 kW Service Classification	\$/kVA	6.1355 (per 30 days)
For Large Use Service Classification	\$/kVA	6.5820 (per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand at each location 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 THESL and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6.87 (per 30 days)
Connection Charge (per connection)	\$	0.71 (per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.16 (per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue (per connection)		
- effective until December 31, 2019	\$	0.02 (per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.05 (per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue (per connection)		
- effective until December 31, 2019	\$	0.01 (per 30 days)
Distribution Volumetric Rate	\$/kWh	0.08632
Rate Rider for Disposition of Capacity Based Recovery Account (2018)		
- effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kWh	0.00007
Rate Rider for Disposition of Post Employment Benefit - Tax Savings		
- effective until December 31, 2018	\$/kWh	(0.00096)
Rate Rider for Disposition of Global Adjustment Account (2018)		
- effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)
Rate Rider for Disposition of Deferral/Variance Accounts (2018)		
- effective until December 31, 2018	\$/kWh	(0.00316)
Rate Rider for Application of Operations Center Consolidation Plan Sharing		
- effective until December 31, 2018	\$/kWh	(0.00296)
Rate Rider for Recovery of the Gain on the Sale of Named Properties		
- effective until December 31, 2019	\$/kWh	0.00029
Rate Rider for Recovery of Hydro One Capital Contributions Variance		
- effective until December 31, 2019	\$/kWh	0.00006

Issued December 14, 2017

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kWh	0.00092
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00203
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00062
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00460
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00390

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25 (per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### STREET LIGHTING SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per device)	\$	1.55	(per 30 days)
Distribution Volumetric Rate	\$/kVA	34.4231	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until December 31, 2018 (Applicable only for Class B Customers)	\$/kVA	0.0236	(per 30 days)
Rate Rider for Disposition of Post Employment Benefit - Tax Savings - effective until December 31, 2018	\$/kVA	(0.5347)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until December 31, 2018 (Applicable only for Non-RPP Customers)	\$/kWh	(0.00112)	
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until December 31, 2018	\$/kVA	(1.0860)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan Sharing - effective until December 31, 2018	\$/kVA	(1.6506)	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0741	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0312	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.5133	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0478	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.2849	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.4461	(per 30 days)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

Issued December 14, 2017

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### 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 utility'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	\$	5.33 (per 30 days)
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### ALLOWANCES

Transformer Allowance for Ownership	\$/kVA	(0.62) (per 30 days)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### 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

Account history	\$	25.00
Duplicate invoices for previous billing	\$	25.00
Request for other billing or system information	\$	25.00
Easement letter	\$	25.00
Income tax letter	\$	25.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	35.00
Returned cheque (plus bank charges)	\$	25.00
Special meter reads	\$	55.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	55.00

#### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	55.00
Disconnect/reconnect at meter - during regular hours	\$	120.00
Disconnect/reconnect at meter - after regular hours	\$	400.00
Disconnect/reconnect at pole - during regular hours	\$	300.00
Disconnect/reconnect at pole - after regular hours	\$	820.00
Install/remove load control device - during regular hours	\$	120.00
Install/remove load control device - after regular hours	\$	400.00

#### Other

Service call - customer owned equipment	\$	55.00
Disconnect/reconnect at meter - during regular hours	\$	120.00
Disconnect/reconnect at meter - after regular hours	\$	400.00
Disconnect/reconnect at pole - during regular hours	\$	300.00
Disconnect/reconnect at pole - after regular hours	\$	820.00
Temporary service install & remove - overhead - no transformer	\$	2,040.00
Specific charge for access to the power poles (wireline attachments) - per pole/year	\$	42.00

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2017-0077

### RETAIL SERVICE CHARGES (if applicable)

#### 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.

Retail Service Charges refer to services provided by THESL to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

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	1.0376
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0187
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0085

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a separately metered living accommodation, where the Competitive Sector Multi-Unit Residential classification is not applicable. Eligibility is restricted to a dwelling unit that consists of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex building, with a residential zoning; a separately metered dwelling within a town house complex or apartment building; and bulk metered residential buildings with six or fewer units. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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	\$	37.46	(per 30 days)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	0.28	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$	0.10	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$	0.03	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$	0.46	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.88	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.28	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.00552	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kWh	0.00095	
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kWh	(0.00053)	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kWh	0.00003	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00796	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00703	

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE

This classification is applicable to an account where electricity is used exclusively for residential purposes in a multi-unit residential building, where unit metering is provided using technology that is substantially similar to that employed by competitive sector sub-metering providers. Use of electricity in non-residential units of multi-unit buildings does not qualify for this classification and will instead be subject to the applicable commercial classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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	\$	30.56	(per 30 days)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$	0.04	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$	0.01	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$	0.18	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.19	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.09	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.00845	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kWh	0.00125	
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kWh	(0.00056)	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kWh	0.00003	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00796	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00703	

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	35.78	(per 30 days)
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	1.55	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.79	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.25	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.03310	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019			
Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kWh	0.00020	
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kWh	(0.00051)	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019			
Applicable only for Class B Customers	\$/kWh	0.00003	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kWh	0.00013	
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kWh	0.00003	
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kWh	0.00049	
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00076	
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00024	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00775	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00629	

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	51.46	(per 30 days)
Rate Rider for Recovery of Stranded Meter Assets - effective until December 31, 2019	\$	4.64	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	1.01	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.30	(per 30 days)
Distribution Volumetric Rate	\$/kVA	8.0989	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kVA	0.1946	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 Applicable only for Non-Wholesale Market Participants	\$/kVA	(0.4822)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kVA	0.2865	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kVA	0.0107	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0114	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0047	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0781	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1659	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0498	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6576	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3054	(per 30 days)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 1,000 kW but less than 5,000 kW, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	982.96	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	18.89	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	5.48	(per 30 days)
Distribution Volumetric Rate	\$/kVA	6.3717	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kVA	0.1250	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kVA	(0.2227)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kVA	0.0116	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0056	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0038	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0627	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1226	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0356	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5677	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3030	(per 30 days)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### LARGE USE SERVICE CLASSIFICATION

This classification applies to an 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, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Post 2011 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4,338.88	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	85.84	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	25.18	(per 30 days)
Distribution Volumetric Rate	\$/kVA	6.8354	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2019) - effective until December 31, 2019	\$/kVA	0.2280	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 Applicable only for Non-Wholesale Market Participants	\$/kVA	(0.5732)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kVA	0.3459	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kVA	0.0090	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0044	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0039	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.0648	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.1382	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0406	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.9271	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5587	(per 30 days)

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires THESL 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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility).

Service Charge	\$	246.30	(per 30 days)
Distribution Volumetric Rate			
For General Service 50 - 999 kW Service Classification	\$/kVA	8.0989	(per 30 days)
For General Service 1,000 - 4,999 kW Service Classification	\$/kVA	6.3717	(per 30 days)
For Large Use Service Classification	\$/kVA	6.8354	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand at each location 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 THESL and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7.13	(per 30 days)
Connection Charge (per connection)	\$	0.74	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$	0.16	(per 30 days)
Rate Rider for Recovery of 2015 Foregone Revenue (per connection) - effective until December 31, 2019	\$	0.02	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$	0.05	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue (per connection) - effective until December 31, 2019	\$	0.01	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.08964	
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kWh	(0.00050)	
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kWh	0.00003	
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kWh	0.00029	
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kWh	0.00006	
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kWh	0.00092	
Rate Rider for Recovery of 2015 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00203	
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kWh	0.00062	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00482	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00444	

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

## Toronto Hydro-Electric System Limited

### TARIFF OF RATES AND CHARGES

**Effective and Implementation Date January 1, 2019**

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

EB-2018-0071

#### STREET LIGHTING SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per device)	\$	1.61	(per 30 days)
Distribution Volumetric Rate	\$/kVA	35.7484	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.00585	
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019	\$/kVA	(0.1718)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2019) - effective until December 31, 2019 Applicable only for Class B Customers	\$/kVA	0.0094	(per 30 days)
Rate Rider for Recovery of the Gain on the Sale of Named Properties - effective until December 31, 2019	\$/kVA	0.0741	(per 30 days)
Rate Rider for Recovery of Hydro One Capital Contributions Variance - effective until December 31, 2019	\$/kVA	0.0312	(per 30 days)
Rate Rider for Application of IFRS - 2014 Derecognition - effective until December 31, 2019	\$/kVA	0.5133	(per 30 days)
Rate Rider for Recovery of 2016 Foregone Revenue - effective until December 31, 2019	\$/kVA	0.0478	(per 30 days)
Retail Transmission Rate - Network Service Rate	\$/kW	2.3638	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7488	(per 30 days)

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.00320	
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.00040	
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.00030	
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### 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 utility'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	\$	5.33	(per 30 days)
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## Toronto Hydro-Electric System Limited

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

#### ALLOWANCES

Transformer Allowance for Ownership	\$/kVA	(0.62)	(per 30 days)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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

Account history	\$	25.00
Duplicate invoices for previous billing	\$	25.00
Request for other billing or system information	\$	25.00
Easement letter	\$	25.00
Income tax letter	\$	25.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	35.00
Returned cheque (plus bank charges)	\$	25.00
Special meter reads	\$	55.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	55.00

##### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	55.00
Disconnect/reconnect at meter - during regular hours	\$	120.00
Disconnect/reconnect at meter - after regular hours	\$	400.00
Disconnect/reconnect at pole - during regular hours	\$	300.00
Disconnect/reconnect at pole - after regular hours	\$	820.00
Install/remove load control device - during regular hours	\$	120.00
Install/remove load control device - after regular hours	\$	400.00

##### Other

Service call - customer owned equipment	\$	55.00
Disconnect/reconnect at meter - during regular hours	\$	120.00
Disconnect/reconnect at meter - after regular hours	\$	400.00
Disconnect/reconnect at pole - during regular hours	\$	300.00
Disconnect/reconnect at pole - after regular hours	\$	820.00
Temporary service install & remove - overhead - no transformer	\$	2,040.00
Specific charge for access to the power poles (wireline attachments) - per pole/year	\$	42.00

# Toronto Hydro-Electric System Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2018-0071

### RETAIL SERVICE CHARGES (if applicable)

#### 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.

Retail Service Charges refer to services provided by THESL to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

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	1.0376
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0187
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0272
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0085