

August 14, 2017

#### **VIA RESS and COURIER**

Ms. Kirsten Walli **Board Secretary** Ontario Energy Board P.O. Box 2319 2300 Yonge Street, Suite 2700 Toronto, ON M4P 1E4

Dear Ms. Walli:

Re: **Electricity Distribution Licence No. ED-2002-0556** 2018 Electricity Distribution Rate Application (EB-2017-0052)

Hydro Ottawa Limited ("Hydro Ottawa") hereby submits an application ("Application") seeking the Ontario Energy Board's ("OEB") approval for proposed electricity distribution rates and other charges, effective January 1, 2018.

This Application represents Hydro Ottawa's second annual rate adjustment under its fiveyear Custom Incentive Rate-setting ("Custom IR") plan. Hydro Ottawa's Custom IR plan was approved in December 2015, pursuant to an Approved Settlement Agreement reached with intervenor parties and the OEB's Decision and Rate Order in EB-2015-0004. Hydro Ottawa's pole attachment charge was approved in a subsequent OEB Decision and Rate Order in February 2016. The adjustments to Hydro Ottawa's rates and other charges set forth in this Application are wholly consistent with the Approved Settlement Agreement and the OEB's Decisions.

Hydro Ottawa has filed the Application and supporting materials via the OEB's Regulatory Electronic Submission System ("RESS"). In addition, two (2) hard copies of the Application will follow via courier.

Please do not hesitate to contact me if you require anything further.

Yours sincerely,

Original signed by

April Barrie Manager, Rates and Revenue

#### Hydro Ottawa Limited / Hydro Ottawa limitée

3025 Albion Road North, PO Box 8700 / chemin Albion Nord, C.P. 8700 Ottawa, Ontario K1G 3S4

www.hydroottawa.com











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

**AND IN THE MATTER OF** an Application by Hydro Ottawa Limited to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other charges for the distribution of electricity effective January 1, 2018.

#### **HYDRO OTTAWA LIMITED**

### 2018 RATE APPLICATION UNDER BOARD-APPROVED CUSTOM INCENTIVE RATE-SETTING PLAN FOR 2016-2020

**FILED: AUGUST 14, 2017** 

### **Applicant**

Hydro Ottawa Limited 3025 Albion Road North, P.O. Box 8700 Ottawa, Ontario K1G 3S4

#### **Gregory Van Dusen**

Director, Regulatory Affairs Tel: (613) 738-5499 ext. 7472

Email: gregoryvandusen@hydroottawa.com; regulatoryaffairs@hydroottawa.com



1 Rate Base Overview

Hydro Ottawa Limited EB-2016-0084 Exhibit 1 Tab 1 Schedule 1 ORIGINAL Page 1 of 5

Exhibit	Tab		Schedule	Contents	Attachmen
1 Adn	ninis	stration			
	1	Table of Contents	1	Table of Contents	
		Abbreviations and Defined Terms			
			2	Abbreviations and Defined Terms	
	2	Executive Summary	1	Executive Summary	
		Alignment with RRFE		A11	
	3	Administration	2	Alignment with RRFE	
			1	Application and Approval Sought	
			2	OEB Directives from Previous Board Decisions and/or Orders	
	4	Applicant Overview	3	Notice of Application	
	-		1	Distribution System Overview  Hydro Ottawa Service Territory Map	
	5	Customer Engagement			Att 1-4-A
			1	Customer Engagement	
	6	Financial Information			
	-		1	Materiality Threshold	
2 Rate	Bas	se	2	Accounting Orders	

1

Rate Base



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Att 4-4-A

Exhibit	Tab		Schedule	Contents	Attachment
2 Rate	Bas	se (Cont'd)			
	2	Gross Assets	1	Gross Assets - Property Plant and Equipment and Accumulated Depreciation	
	3	Allowance for Working Capital	1	Working Captial Requirement	
3 Oper	ratir	ng Revenue			
	1	Load and Revenue Forecasts	1	Load Forecast	
	2	Other Revenue	1	Other Revenue	
4 Oper	ratir	ng Expenses	·		
	1	Operating Expenses Overview	1	Operating Expenses - Summary	
	2	Operating Maintenance and Administration Expense	·	operating Expenses Cammany	
			1	Operating, Maintenance and Administration Expense	
	3	Depreciation, Amortization and Disposal			
	4	Taxes or Payments in	1	Depreciation, Amortization and Disposal	
	<b>-</b>	Lieu of Taxes	1	Taxes or Payments in Lieu of Taxes	

2018 PILS Workform



Hydro Ottawa Limited
EB-2016-0084
Exhibit 1
Tab 1
Schedule 1
ORIGINAL
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Exhibit Tab Schedule Contents Attachment

## 5 Cost of Capital and Capital Strucuture

- 1 Cost of Capital and Capital Structure
- 1 Cost of Capital and Capital Structure

# 6 Calculation of Revenue Deficiency or Sufficiency

1 Calculation of Revenue Deficiency or Sufficiency

1 Calculation of Revenue Deficiency or Sufficiency 2018 Revenue Requirement Workform

Att 6-1-A

## 7 Cost Allocation

1 Cost Allocation Study Requirements

1 Cost Allocation

2018 Cost Allocation Model Att 7-1-A
Cost Allocation and Rate Design Att 7-1-B

# 8 Rate Design

1 Fixed / Variable Proportion

1 Fixed/Variable Proportion



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Exhibit	Tab		Schedule	Contents	Attachment
8 Rate	Des 2	sign (cont'd) Policy Consultation			
		•	1	Rate Design Policy Consultation Rate Design Policy For Residential Customers	Att 8-2-A
	3	Retail Transmission Service Rates			
			1	Retail Transmission Service Rates 2018 RTSR Workform	Att 8-3-A
	4	Retail Service Charges	1	Retail Service Charges	
	5	Wholesale Market Service Rates and Charges	ľ	Tretail Service Charges	
		Charges	1	Wholesale Market Service Rates and Charges	
	6	Smart Metering Charge	1	Smart Metering Charge	
	7	<b>Specific Service Charges</b>			
			1	Specific Service Charges Proposed Dry Core Transformer Charges	Att 8-7-A
	8	Low Voltage Service Rates			
			1	Low Voltage Service Rates	
	9	Loss Adjustment Factors			
			1	Loss Adjustment Factors	



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Exhibit	Tab		Schedule	Contents	Attachment
LAIIIDIL	iab		Ochedule	Ooments	Allaciiiieiii
8 Rate	Des	sign (cont'd)			
	10	Tariffs of Rates and Charges			
			1	Current and Proposed Tariff of Rates and Charges	
				Current Tariff of Rates and Charges	Att 8-10-A
				Proposed Tariff of Rates and Charges	Att 8-10-B
	11	Revenue Reconciliation			
			1	Revenue per Rate Class under Current and Proposed Rates Revenue per Rate Class under Proposed Rates	Att 8-11-A
	12	Bill Impact Information	1	Bill Impact Information Bill Impacts	Att 8-12-A
9 Defe	rral	and Variance Accou	ınts	,	
	1	Status of Deferral and Variance Accounts	1	Current Deferral and Variance Accounts 2018 DVA Workform New Deferral and Variance Accounts	Att 9-1-A
	2	Disposition of Deferral and Variance Accounts	1	Disposition of Deferral and Variance	

Accounts



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 1 Schedule 2 ORIGINAL Page 1 of 4

1	ABBREVIATIONS AND DEFINED TERMS	
2		
3	1.0 ABBREVIATIONS	
4		
5	Abbreviations that are in bolded font will be used throughout the Hydro Ottawa Limite	ed
6	Application and will not be redefined at the start of each exhibit.	
7		
8	"2017 rate adjustment application" – 2017 Hydro Ottawa Limited Electricity	
9	Distribution Rate Application (EB-2016-0084)	
10	"Allstream" – Allstream Inc.	
11	"APH" – Accounting Procedures Handbook	
12	"Application" – 2018 Hydro Ottawa Limited Electricity Distribution Rate	
13	Application (EB-2017-0052)	
14	"Approved Settlement Agreement" – Amended September 18, 2015 Settlement	
15	Proposal; Originally Filed September 18, 2015; Refiled December 7, 2015;	
16	Approved December 22, 2015 (EB-2015-0004)	
17	"Board" – Ontario Energy Board	
18	"Carriers" - Allstream Inc., Quebecor Media, Rogers Communication Partnership, ar	nd
19	TELUS Communications Inc.	
20	"CBR" – Capacity Based Recovery	
21	"CCC" - Consumers Council of Canada	
22	"CCRA" - Connection Cost Recovery Agreement	
23	"CDM" - Conservation and Demand Management	
24	"CGAAP" - Canadian Generally Accepted Accounting Principles	
25	"CIR" - Custom Incentive Rate-setting	
26	"CLD" – Coalition of Large Distributors	
27	"Custom IR" – Custom Incentive Rate-setting	
28	"Custom IR Application" – 2016-2020 Hydro Ottawa Limited Custom Incentive	
29	Rate-setting Application (EB-2015-0004)	
30	"DCB" - Distributor-Consolidated Billing monthly charge	
31	"Decision" - Ontario Energy Board Decision and Rate Order (EB-2015-0004), Hydro	



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 1 Schedule 2 ORIGINAL Page 2 of 4

- 1 Ottawa Limited, issued December 22, 2015
- 2 "DRC" Debt Retirement Charge
- 3 "DSP" Distribution System Plan
- 4 "DVA" Deferral and Variance Account
- 5 "EAM" Efficiency Adjustment Mechanism
- 6 "EDDVAR Report" Report of the Board on Electricity Distributors' Deferral and
- 7 Variance Account Review Initiative (EB-2008-0046), issued July 31, 2009
- 8 "Energy Probe" Energy Probe Research Foundation
- 9 "ERF" Energy Resource Facility
- 10 "ESM" Earnings Sharing Mechanism
- 11 "Filing Requirements" Ontario Energy Board's Chapter 2 Filing Requirements for
- 12 Electricity Distribution Rate Applications, issued July 20, 2017
- 13 "GA" Global Adjustment
- 14 "GS" General Service
- 15 "GS >50kW" General Service with average monthly demand greater than 50 Kilowatts
- 16 "GS <50kW" General Service with average monthly demand less than 50 Kilowatts
- 17 "Guideline" Ontario Energy Board Guideline G-2008-0001 Electricity Distribution Retail
- 18 Transmission Service Rates
- 19 "HOL" Hydro Ottawa Limited
- 20 "Hydro One" Hydro One Networks Inc.
- 21 "Hydro Ottawa" Hydro Ottawa Limited
- 22 "IESO" Independent Electricity System Operator
- 23 "IFRS" International Financial Reporting Standards
- 24 "IRM" Incentive Regulation Mechanism
- 25 "KPI" Key Performance Indicators
- 26 "kV" Kilovolt
- 27 "kW" Kilowatt
- 28 "kWh" Kilowatt hour
- 29 "LRAM" Lost Revenue Adjustment Mechanism
- 30 "LRAMVA" Lost Revenue Adjustment Mechanism Variance Account
- 31 "LV" Low Voltage



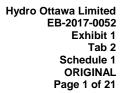
Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 1 Schedule 2 ORIGINAL Page 3 of 4

- 1 "MIFRS" Modified International Financial Reporting Standards
- 2 "MWh" Megawatt hour
- 3 "OCEB" Ontario Clean Energy Benefit
- 4 "OEB" Ontario Energy Board
- 5 "OEB Act" Ontario Energy Board Act, 1998 (as amended)
- 6 "OESP" Ontario Electricity Support Program
- 7 "OM&A" Operating, Maintenance and Administration
- 8 "PA" Pole Attachments
- 9 "Parties" Parties to the Amended September 18, 2015 Settlement Proposal; Originally
- 10 Filed September 18, 2015; Refiled December 7, 2015; Approved December 22, 2015
- 11 (EB-2015-0004). These Parties consist of Hydro Ottawa Limited, Consumers Council of
- 12 Canada, Energy Probe Research Foundation, School Energy Coalition, and Vulnerable
- 13 Energy Consumers Coalition.
- 14 "PAWG" Pole Attachment Working Group
- 15 "PILS" Payments in Lieu of Taxes
- 16 "PLCC" Peak Load Carrying Capability
- 17 "Pole Attachment Decision" Ontario Energy Board Decision and Rate Order on
- 18 Pole Attachment Charge (EB-2015-0004), issued February 25, 2016
- 19 "P&OPEB" Pension and other Post-Employment Benefit
- 20 "PP&E" Property, Plant and Equipment
- 21 "Quebecor" Quebecor Media
- 22 "RCB" Retailer-Consolidated Billing monthly credit
- 23 "RCVA" Retail Cost Variance Account
- 24 "ROE" Return on Equity
- 25 "Rogers" Rogers Communications Partnership
- 26 "RPP" Regulated Price Plan
- 27 "RRFE Report" Report of the Board Renewed Regulatory Framework for Electricity
- 28 Distributors: A Performance-Based Approach, issued October 18, 2012
- 29 "RRFE" Renewed Regulatory Framework for Electricity Distributors
- 30 "RRR" Reporting and Record Keeping Requirements
- 31 "RRRP" Rural or Remote Rate Protection



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 1 Schedule 2 ORIGINAL Page 4 of 4

1	"RSVA" - Retail Settlement Variance Account
2	"RTSR" – Retail Transmission Service Rate
3	"SAIDI" - System Average Interruption Duration Index
4	"SAIFI" - System Average Interruption Frequency Index
5	"SEC" – School Energy Coalition
6	"SIA" - Sustainable Infrastructure Alliance of Ontario
7	"STR" – Service Transaction Requests
8	"TELUS" – TELUS Communications Inc.
9	"TOC" - Transformer Ownership Credit
10	"UTR" – Uniform Transmission Rate
11	"USL" - Unmetered Scattered Load
12	"USofA" – Uniform System of Accounts
13	"VECC" – Vulnerable Energy Consumers Coalition
14	"WCA" – Working Capital Allowance
15	"WMP" – Wholesale Market Participant
16	"WMS" – Wholesale Market Service
17	"WMSR" - Wholesale Market Service Rate
18	"/ cust" – per customer
19	"/ retailer" – per retailer
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23	2.0 DEFINED TERMS
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25	"Capital expenditure" is the amount spent on a capital project/program in a given year.
26	"Capital additions" are the amounts that are capitalized for the project/program in a given
27	year and are equal to the sum of the capital expenditures in the year plus the
28	construction work in progress from the previous year minus the construction work in
29	progress for the given year minus any deletions in the year.
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**EXECUTIVE SUMMARY** 

#### 1.0 INTRODUCTION

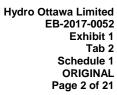
The Applicant, Hydro Ottawa Limited ("Hydro Ottawa" or "HOL"), is a corporation incorporated pursuant to the *Business Corporation Act* (Ontario) and is licensed under Ontario Energy Board ("OEB" or "Board") Electricity Distributor License No. ED-2002-0556. As of the end of 2016, Hydro Ottawa distributed electricity to approximately 328,000 customers within the City of Ottawa and the Village of Casselman.

By way of this application, Hydro Ottawa is seeking OEB approval of its proposed distribution rates and other charges, effective January 1, 2018. This 2018 Rate Application ("Application") represents Hydro Ottawa's second annual rate adjustment under its five-year Custom Incentive Rate-setting ("Custom IR" or "CIR") plan. The adjustments to Hydro Ottawa's rates and other charges set forth herein are consistent with the Approved Settlement Agreement, the OEB's Decision and Rate Order in EB-2015-0084 issued on December 22, 2015, and the OEB's Decision and Rate Order on Pole Attachment Charge in EB-2015-0084 issued on February 25, 2016.

The OEB articulated its policies and practices regarding the Custom IR rate-setting method in its 2012 report entitled *Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach* ("RRFE Report"). The RRFE Report states that, under the Custom IR method, "rates are set based on a five year forecast of a distributor's revenue requirement and sales volumes." In addition, the RRFE Report stipulates that "the specifics of how the costs approved by the Board will be recovered through rates over the term will be determined in individual rate applications..." and that "[t]his rate-setting method is intended to be customized to fit the specific applicant's circumstances."

<sup>1</sup> RRFE Report, p. 18.

<sup>2</sup> *Ibid,* pp. 18-19.





Under Hydro Ottawa's approved Custom IR plan, its capital spending and operating expenses have been set for a five-year period (2016 to 2020), pursuant to specific requirements and formulas set forth in the Approved Settlement Agreement. Consistent with the Approved Settlement Agreement, this Application seeks approval of targeted adjustments to rates and other charges, effective January 1, 2018.

Both the OEB's Custom IR method and the Approved Settlement Agreement also require Hydro Ottawa to submit annual reports on actual amounts of capital spending.<sup>3</sup> This reporting requirement does not apply to this Application, as it is a separate obligation that requires – among other things – the disclosure of spending results from a full year of the Custom IR period. With the first full year of Hydro Ottawa's Custom IR period (2016) having concluded, Hydro Ottawa will submit the inaugural annual report under its approved Custom IR plan in September 2017, in conjunction with its 2016 Scorecard.

Finally, with regard to the RRFE framework, its expectations and goals will continue to guide Hydro Ottawa in the execution of the company's business plans and capital investment programs over the course of Hydro Ottawa's Custom IR term. In particular, Hydro Ottawa views customer engagement as an essential part of doing business and, as a result, has placed the customer at the centre of everything Hydro Ottawa does by weighing customer impacts in every decision. This philosophy is reflected in Hydro Ottawa's *Strategic Direction 2016-2020*, which serves as the renewed strategic plan for the company and which was filed as Attachment 1-2(A) in the company's 2017 rate adjustment application.

# 2.0 BACKGROUND - HYDRO OTTAWA'S CUSTOM IR APPLICATION & OEB

### **DECISION**

28 Hydro Ottawa filed a Custom IR Application (EB-2015-0004) with the OEB on April 29,

29 2015, in which Hydro Ottawa sought approval for changes to the rates that it charges for

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<sup>&</sup>lt;sup>3</sup> RRFE Report, p. 20; Approved Settlement Agreement, p. 24.





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- electricity distribution for a period of five years, to be effective January 1, 2016 through
- 2 December 31, 2020.

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The following nine parties requested and were granted intervenor status in that proceeding:<sup>4</sup>

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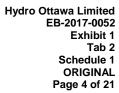
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- Consumers Council of Canada ("CCC");
  - Energy Probe Research Foundation ("Energy Probe");
- School Energy Coalition ("SEC");
- Vulnerable Energy Consumers Coalition ("VECC");
- Sustainable Infrastructure Alliance of Ontario ("SIA");
- Allstream Inc. ("Allstream");
- Quebecor Media ("Quebecor");
- Rogers Communications Partnership ("Rogers"); and
- TELUS Communications Inc. ("TELUS").

- 17 Hydro Ottawa and four intervenors of record (the "Parties") filed a Settlement Proposal
- with the OEB on September 18, 2015. Subsequent to an oral hearing process, the
- 19 Parties filed an amendment to the Settlement Proposal on November 5, 2015, relating to
- the treatment of Hydro Ottawa's working capital allowance. In its Decision on Settlement
- 21 Proposal and Procedural Order No. 11 issued November 23, 2015, the OEB accepted
- 22 the majority of issues in the amended Settlement Proposal, but did not accept provisions
- relating to confidentiality and privilege, and to the treatment of new facilities proposed for
- 24 construction.

<sup>&</sup>lt;sup>4</sup> As set out in EB-2015-0004 *Procedural Order No. 1*, issued June 12, 2015, there were originally 10 parties who requested and were granted intervenor status. However, one of these parties – an independent participant – ultimately withdrew.

<sup>&</sup>lt;sup>5</sup> The four intervenors of record who were parties to the Settlement Proposal, and who remain parties to the Approved Settlement Agreement, are CCC, Energy Probe, SEC, and VECC. SIA was invited to participate in the settlement process, but chose not to do so. Allstream, Quebecor, Rogers, and TELUS – collectively, the "Carriers" – participated only in the discussion of Issue 4.11, related to Access to Power Poles, and did not participate in the discussion and negotiation of any other issues. The Carriers took no position on any of the settled items addressed in the Settlement Proposal and are therefore not parties to the Approved Settlement Agreement. For further details, please see Approved Settlement Agreement, pp. 5-6.





On December 7, 2015, the Parties filed a second set of amendments to the Settlement Proposal. This version represented a comprehensive settlement in relation to the terms of Hydro Ottawa's Custom IR plan for 2016-2020 on all issues, with the exception of one item related to a specific service charge called Access to Power Poles, which was the subject of an oral hearing and which remained outstanding at the time of submittal. In the December 7, 2015 version of the Settlement Proposal, Parties agreed that all components of the revenue requirement for 2016-2020 were appropriate, and that the Custom IR plan provides adequate resources to allow Hydro Ottawa to manage its assets while satisfying customer preferences and expectations and providing a safe and reliable electricity distribution service. For each of the years in the Custom IR period, rates would be effective on January 1, subject to annual adjustments filed by Hydro Ottawa and the OEB's approval thereof.

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In the amended Settlement Proposal, the Parties agreed that "the limited off-ramps and adjustments are appropriate in the specific circumstances of the Hydro Ottawa Custom IR plan..." The Parties also agreed to three annual adjustment mechanisms: (1) an asymmetrical Earnings Sharing Mechanism ("ESM") with no dead band; (2) an asymmetrical capital variance account for certain capital investments; and (3) an efficiency adjustment that will operate as a proxy stretch factor if Hydro Ottawa's efficiency ranking declines during the Custom IR term.

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On December 22, 2015, the OEB issued its Decision and Rate Order ("Decision") on Hydro Ottawa's Custom IR Application, in which it accepted the December 7, 2015 version of the Settlement Proposal (hereafter referred to as the "Approved Settlement Agreement"), and approved the rates and charges arising from it. The Decision also set forth the OEB's finding that "Hydro Ottawa's application and the settlement proposal prepared by the parties meet the expectations of the RRFE for a Custom IR." In the December 22, 2015 Decision, the OEB stated that it would issue a separate decision on the pole attachment charge in due course.

Approved Settlement Agreement, p. 34.
 EB-2015-0004 Hydro Ottawa Limited *Decision and Rate Order*, December 22, 2015, p. 1.





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6 7 On February 25, 2016, the OEB issued a Decision and Rate Order ("Pole Attachment Decision") approving a pole attachment charge for Hydro Ottawa of \$53.00 per pole per year, effective January 1, 2016. In its Pole Attachment Decision, the OEB stated that "[t]his charge will be fixed, with no annual inflation adjustments, pending the outcome of the OEB's generic policy review of electricity distributors' miscellaneous rates and charges..."

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On August 15, 2016, Hydro Ottawa submitted its first annual rate adjustment application under its Custom IR plan. The application sought approval of proposed distribution rates and other charges, effective January 1, 2017.<sup>9</sup> The OEB issued a Decision and Rate Order approving the application on December 21, 2016.<sup>10</sup>

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#### 3.0 APPLICATION

Hydro Ottawa hereby submits this Application to the OEB for approval of its proposed distribution rates and other charges, effective January 1, 2018. This Application is submitted pursuant to section 78 of the *Ontario Energy Board Act, 1998* (the "OEB Act"), the Decision of the OEB regarding Hydro Ottawa's Custom IR Application, and relevant OEB guidelines and requirements. In particular, the preparation of this Application has been guided by the *Filing Requirements For Electricity Distribution Rate Applications* issued by the OEB on July 20, 2017<sup>11</sup>, as well as the letter issued by the OEB to licensed electricity distributors on May 23, 2017 regarding the disposition of Accounts 1588 and 1589.<sup>12</sup>

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<sup>&</sup>lt;sup>8</sup> EB-2015-0004 Hydro Ottawa Limited *Decision and Rate Order on Pole Attachment Charge*, February 25, 2016, p. 1.

EB-2016-0084.

<sup>&</sup>lt;sup>10</sup> EB-2016-0084 Hydro Ottawa Limited *Decision and Rate Order*, December 21, 2016. The OEB released a corrected version of this Decision and Rate Order on January 17, 2017.

<sup>&</sup>lt;sup>11</sup> OEB Letter to Licensed Electricity Distributors re: I. Updated Filing Requirements, II. Process for 2018 Incentive Regulation Mechanism (IRM) Distribution Rate Applications, July 20, 2017, p. 2.

<sup>&</sup>lt;sup>12</sup> OEB Letter to Licensed Electricity Distributors re: Guidance on the Disposition of Accounts 1588 and 1589, May 23, 2017.



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Consistent with the first annual rate adjustment application filed under its Custom IR plan (for 2017 rates), Hydro Ottawa has opted to structure this Application using a Cost of Service format. The intended objective of this approach is to facilitate comparisons which Board members and staff, intervenors, and consumers may wish to make between this Application, Hydro Ottawa's original Custom IR Application, the 2017 rate adjustment application, and future annual rate adjustment filings. Hydro Ottawa believes that it is in the interests of all parties to ensure such ease of reference for the principal pieces of evidence in the record for this proceeding.

In addition, in the interests of supporting similar efficiencies, Hydro Ottawa has prepared the two tables below. Table 1 summarizes relevant actions and commitments which were agreed upon by the Parties and enshrined in the Approved Settlement Agreement. Table 2 provides an updated summary of Hydro Ottawa's 2016-2020 revenue requirement, as approved pursuant to the Approved Settlement Agreement and the Pole Attachment Decision.

With respect to Table 1, Hydro Ottawa hopes that its inclusion will not only ensure ease of reference between this Application and the Approved Settlement Agreement, but that it will also signal Hydro Ottawa's commitment to ensure it remains accountable in fulfilling applicable actions set forth in the Approved Settlement Agreement.

Table 1 is organized in columns that identify the relevant action, the corresponding description in the Approved Settlement Agreement of the agreed action, the specific page number of the Approved Settlement Agreement in which the action is referenced, and the Exhibit in this Application which corresponds to the action. It should be noted that Table 1 does not represent an exhaustive list of all agreed actions from the Approved Settlement Agreement. Actions omitted from Table 1 have either been completed, in accordance with the Approved Settlement Agreement, or are not germane to the scope of this Application.



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# Table 1 – Summary of Remaining Actions from Approved Settlement Agreement

#	Item	Item Description of Agreed Action		2018 Rate Application
			Agreement Page Number	Exhibit
1	Working Capital Allowance ("WCA")	HOL will not adjust the WCA during any year of Custom IR period (including 2019 and 2020)	Page 15	Exhibit 2 – Rate Base
2	Capital Investment Variance Account	HOL will track, on an annual basis, variances in the cumulative revenue requirement impacts arising from variances in three distinct capital forecasts: (a) System Renewal/System Service; (b) System Access; (c) General Plant	Page 16-17	Exhibit 9 – Deferral and Variance Accounts
3	Y Factor Account	HOL will create a deferral account to provide rate recovery of amounts up to the approved \$66 million	Page 19	Exhibit 9 – Deferral and Variance Accounts
4	New Facilities Account	1. HOL will create a new deferral or variance account to capture and record revenue requirement impacts arising from costs that are above the approved \$66 million  2. HOL will apply for disposition of approved amounts at its next rebasing	Page 19	Exhibit 9 – Deferral and Variance Accounts
5	2017-2020 Operations, Maintenance and Administration ("OM&A") budget	HOL will increase the 2016 OM&A budget amount annually from the 2016 base amount, using an escalator factor	Page 20	Exhibit 4 – Operating Expenses
6	2019 and 2020 OM&A budget escalator factor	HOL will revise the 2019 and 2020 OM&A based on updated inflation factor calculated consistent with methodology described	Page 20	Exhibit 4 – Operating Expenses
7	Efficiency Adjustment Mechanism	If HOL is placed in lower efficiency cohort (as compared to 2014) in any year during the IR term, the Efficiency Adjustment will be calculated by taking into account the difference between the 2014	Page 21	Exhibit 9 – Deferral and Variance Accounts



#	ltem	Description of Agreed Action	Settlement Agreement Page Number	2018 Rate Application Exhibit
		starting point and the current year end stretch factor as multiplied by the rate year plan revenue requirement for the relevant rate year for the purposes of calculating rates for that year		
8	Cost of Capital (Return on Equity – "ROE")	HOL will update in 2019 and 2020, using the applicable level of ROE for electricity distributors established by the OEB in 2018 for January 1, 2019 rates	Page 22	Exhibit 5 – Cost of Capital and Capital Structure
9	Cost of long- term debt	HOL will re-set forecasted rates in 2018 for 2019 and 2020, using new consensus long-term forecast (to be issued October 2018)	Page 22	Exhibit 5 – Cost of Capital and Capital Structure
10	Pole attachment revenue	Distribution rates will be adjusted by an equal amount so that the service revenue requirement for each year is unchanged, as a result of OEB decision on pole attachment revenue	Page 22	Exhibit 6 – Calculation of Revenue Deficiency or Surplus
11	Pole Attachment Charge Variance Account	HOL to review and dispose of the balance in the Variance Account as part of its next Custom IR rate adjustment in 2017	Per Pole Attachment Decision <sup>13</sup>	Exhibit 9 – Deferral and Variance Accounts
12	Cost of Capital (ROE)	The parties agree that if the OEB changes its policy governing cost of capital parameters during the HOL CIR term, including any changes to the deemed capital structure, HOL shall follow any mandated direction given by the OEB with respect to the implementation of such changes during the CIR period	Page 23	Exhibit 5 – Cost of Capital and Capital Structure
13	Earnings Sharing Mechanism ("ESM")	HOL will share with     ratepayers any earnings that     exceed its regulatory ROE in     any year of Custom IR term	Page 23-24	Exhibit 9 – Deferral and Variance Accounts

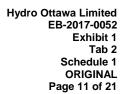
<sup>13</sup> Pole Attachment Decision, p. 15.



#	ltem	Description of Agreed Action	Settlement Agreement Page Number	2018 Rate Application Exhibit
		2. HOL will calculate earnings in same manner as net income for regulatory purposes under Reporting and Record Keeping Requirements ("RRR") filings  3. HOL will ensure that the nature and timing of revenues, expenses, and costs is consistent with regulatory rules in existence on the date of Settlement Proposal		
14	Accounting Policies and Practices	HOL will not make any material changes, that have the effect of either reducing or increasing utility earnings unless otherwise directed to do so by the OEB, or by an accounting standards body and/or provincial or federal government, and approved by OEB	Page 24	Exhibit 9 – Deferral and Variance Accounts
15	Annual scorecard and RRR reporting	HOL will provide its annual Scorecard and RRR reporting, as per the OEB schedule	Page 24	N/A
16	Actual capital spending	HOL will report annually, on a program level based on three categories: (a) Service Access; (b) System Service and System Renewal; (c) General Plant	Page 24	Exhibit 2 – Rate Base
17	Key Performance Indicators ("KPIs") and SAIDI/SAIFI	HOL will report annually	Page 24	N/A
18	Metrics and reporting for recommended outcomes	HOL will work together with intervenors to develop and define (including in the context of OEB consultations related to the Distribution System Plan)	Page 24	N/A
19	Three deferral accounts (Account 1518, Account 1548, and account for recording loss on disposal of assets)	HOL will adopt treatment accorded to these accounts, as per OEB determination in Toronto Hydro Custom IR	Page 25	Exhibit 9 – Deferral and Variance Accounts



#	Item	Description of Agreed Action	Settlement Agreement Page Number	2018 Rate Application Exhibit
20	Low voltage charges	HOL will update these rates annually and file update with OEB for approval	Page 25	Exhibit 8 – Rate Design
21	Retail Transmission Service Rates	HOL will update these rates annually and file update with OEB for approval	Page 25	Exhibit 8 – Rate Design
22	Ten new deferral and variance accounts	HOL will establish the 10 new deferral and variance accounts	Page 25	Exhibit 9 – Deferral and Variance Accounts
23	Clearing deferral and variance accounts	Hydro Ottawa's deferral and variance accounts will be cleared during the Custom IR period in accordance with the OEB policies as they exist each year of the term	Page 26	Exhibit 9 – Deferral and Variance Accounts
24	Sentinel lighting rates	HOL will make changes to move these rates within OEB approved cost/benefit ratio range by 2020	Page 27	Exhibit 8 – Rate Design
25	Fixed charge for General Service ("GS") > 50 class	HOL will reduce the fixed charge for this class from \$260 to \$200 for GS 50 to 1,499 kW	Page 27	Exhibit 8 – Rate Design
26	Fixed charge for other commercial customers	HOL will maintain at \$200 for other commercial classes throughout Custom IR term	Page 27	Exhibit 8 – Rate Design
27	Charges for residential class	HOL will move to fully fixed rates for residential customers by 2020	Page 27	Exhibit 8 – Rate Design
28	Wireless Attachment Revenues	HOL will create deferral account to credit customers with revenues earned, if any	Page 27	Exhibit 9 – Deferral and Variance Accounts
29	OEB working group on unmetered load and consumption data	HOL will comply with any decisions or directions emanating from Navigant and the OEB working group	Page 28	Exhibit 7 – Cost Allocation
30	2020 rebasing application (for 2021 rates)	HOL will ensure application is filed consistent with OEB policies and filing guidelines that exist at that time and will include information in accordance with OEB filing guidelines related to its performance under the Custom IR plan, and the extent to which	Page 29	Exhibit 1 – Administration





#	Item	Description of Agreed Action	Settlement Agreement Page Number	2018 Rate Application Exhibit
		performance has provided suitable outcomes and met expectations of customers		
31	Summary of Adjustments	Summary of going in, annual and mid-term adjustments	Page 59	Exhibit 1 – Administration
32	Z-factor relief	HOL is not precluded from applying for Z-factor relief in the event that an unforeseen event results in a financial impact that exceeds Hydro Ottawa's \$880,000 materiality threshold	Page 27	Exhibit 1 – Administration
33	Timing of Application	HOL must apply for an update to its rates, or confirm that no update is required, no later than the deadline for [Incentive Regulation Mechanism] adjustments for distributors with rates effective January 1, which is typically in August each year.	Per Board Instruction <sup>14</sup>	Exhibit 1 – Administration

Regarding Table 2, it is intended to synthesize the approvals emerging from the Approved Settlement Agreement, the OEB's Decision on Hydro Ottawa's Custom IR Application, and the Pole Attachment Decision, and to offer a clear overview of the resultant updates to Hydro Ottawa's revenue requirement. Revenue requirements for the period 2016 to 2018 have been set, while those for 2019 and 2020 will be adjusted as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018. For further details, please see Exhibit 6-1-1.

<sup>&</sup>lt;sup>14</sup> EB-2015-0004 *Decision and Rate Order*, p. 8; OEB Letter to Licensed Electricity Distributors re: I. Updated Filing Requirements, II. Process for 2018 Incentive Regulation Mechanism (IRM) Distribution Rate Applications, July 20, 2017, p. 2.



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## Table 2 – Updated Summary of Hydro Ottawa's 2016-2020 Revenue Requirement

Item	2016	2017	2018	2019	2020	Totals
(\$millions)						(16-20)
Original Revenue Requirement	\$187.1	\$197.1	\$208.0	\$217.7	\$224.3	\$1,034.3
Change	(\$12.1)	(\$15.0)	(\$17.4)	(\$19.7)	(\$22.0)	(\$86.2)
Amended Settlement Revenue Requirement	\$175.0	\$182.1	\$190.6	\$198.0	\$202.3	\$948.1
Deficiency Per Approved Settlement Agreement						
Deficiency over 2015 Rates per Settlement Agreement	(\$5.1)	(\$12.6)	(\$20.6)	(\$27.4)	(\$31.1)	(\$96.7)
Yearly Change in Deficiency per Settlement Agreement	(\$5.1)	(\$7.5)	(\$7.9)	(\$6.8)	(\$3.7)	(\$31.1)
Weighted Average Increase over 2015 Rates	3.2%	7.9%	12.9%	17.1%	19.4%	12.1%
Weighted Average Change in Revenue Deficiency	3.2%	4.6%	4.6%	3.8%	2.0%	3.6%
Deficiency Reflecting Pole A	ttachmen	t Decisio	า			
Deficiency over 2015 Rates per Settlement Agreement	(\$5.3)	(\$12.9)	(\$20.8)	(\$27.6)	(\$31.4)	(\$98.0)
Yearly Change in Deficiency per Settlement Agreement	(\$5.3)	(\$7.5)	(\$8.0)	(\$6.8)	(\$3.7)	(\$31.4)
Weighted Average Increase over 2015 rates	3.3%	8.1%	13.1%	17.3%	19.5%	12.3%
Weighted Average Change in Revenue Deficiency	3.3%	4.6%	4.6%	3.8%	2.0%	3.7%
New Regulator Assets for Items Taken out of Base Rates						
Connection Cost Recovery Agreement Payments <sup>1</sup>	\$0.2	\$0.6	\$0.9	\$1.3	\$1.7	\$4.7
Land for New Facilities <sup>1</sup>	\$0.0	\$0.4	\$1.0	\$1.2	\$1.2	\$3.9
Estimated Revenue Requirement for future Regulatory Assets	\$0.2	\$1.0	\$2.0	\$2.5	\$2.9	\$8.6

<sup>1.</sup> Numbers are estimates based on original budgeted amounts and timing.

Revenue Requirement Includ	ling New	Regulato	ry Assets	i		
Final Revenue Requirement	\$175.3	\$183.1	\$192.6	\$200.5	\$205.2	\$956.7



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### 4.0 SPECIFIC RELIEF REQUESTED

Consistent with relevant provisions of the Approved Settlement Agreement, as summarized in Table 1 above, Hydro Ottawa applies for an Order or Orders approving:

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a) 2018 revenue requirement, as adjusted by the Pole Attachment Decision, as proposed in Exhibit 6-1-1;

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b) 2018 electricity distribution rates and charges, as proposed in Exhibit 8-10-1;

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c) Approvals related to deferral and variance accounts, as proposed in Exhibit 9-1-2 and Exhibit 9-2-1; and

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d) Approval of other items or amounts that may be requested by Hydro Ottawa in the course of the proceeding and such other relief or entitlements as the OEB may grant.

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Hydro Ottawa requests that its current (i.e. 2017) rates provided in Attachment 8-10-A be declared interim effective January 1, 2018, as necessary, if the preceding approvals cannot be issued by the OEB in time to implement final rates effective January 1, 2018. In such event, Hydro Ottawa also requests the Board to approve establishment of an account that would provide for the recovery of any differences between the interim rate and the approved rates, as determined by the OEB in its final Decision and Order.

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For additional details on the specific approvals and relief that Hydro Ottawa is seeking in this Application, please see Exhibit 1-3-1.

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#### 5.0 ANNUAL ADJUSTMENTS

- 26 Hydro Ottawa has calculated adjustments to its 2018 revenue requirement, consistent
- with the Approved Settlement Agreement and revised per the Pole Attachment Decision.
- Where appropriate, Hydro Ottawa has used the Cost of Service Models and directions
- provided by the OEB for 2018 Cost of Service Applications.





Table 3 summarizes relevant going-in, annual, and mid-term adjustments. It is a copy of Attachment 5 from the Approved Settlement Agreement.

### Table 3 - Going-in, Annual and Mid-term Adjustments

#	Name of Adjustment	Timing	Description Adjustment
1	Working Capital Allowance	Going-in rates	See the working capital factors for each year as set out on page 18 above. 15
2	ROE	Going-in ROE	Using OEB's Fall 2015 deemed ROE results.
3		Mid-term adjustment to ROE	Using OEB's Fall 2018 deemed ROE results.
	Cost of Capital	2016-2018	April 2015 consensus long term forecast. The revised RRWF already has this information embedded in it. It is noted here as an adjustment to Hydro Ottawa's updated application filed June 29, 2015.
		2019-2020	Using October 2018 consensus long term forecast.
4	Inflation Factor for OM&A	Mid-term adjustment to inflation factor for OM&A escalator	OEB's 2018 inflation factor adjusted to use a weighting of 60% labour and 40% non-labour inflation rate as adjusted by weights and values appropriate to the OM&A spending of Hydro Ottawa.
5	Low Voltage Charges	Annually Adjusted	Annual.
6	Retail Transmission Service Rates	Annually Adjusted	Based on Board Approved adjustments to the Hydro One Uniform Transmission Rates ("UTRs") using the RTSR model, which is part of the IRM model.
7	Deferral Accounts	Generally in accordance with OEB policy on threshold dispositions with some exceptions	<ul> <li>Group 1 accounts on an annual basis as set out in Table 7 above. <sup>16</sup></li> <li>Group 2 accounts when applying for 2019 &amp; 2020 rates except for LRAMVA. As set out in Table 7 above.</li> <li>New D&amp;V accounts per disposition stipulations set out in Table 7 above.</li> </ul>
8	Third Party non- distribution charges	Ad Hoc	Further to OEB direction.

The reference to page 18 in this instance is to page 18 of the Approved Settlement Agreement.
 The reference to Table 7 in these instances is to Table 7 in the Approved Settlement Agreement.



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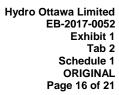
Hydro Ottawa is including the following annual rate adjustments in this Application, as per the Approved Settlement Agreement:

• Retail Transmission Service Rates ("RTSRs") – Per the Approved Settlement Agreement, Hydro Ottawa is using the RTSRs for its 2018 rates, as calculated by the OEB's RTSR Workform. RTSR updates will also be based upon OEB-approved adjustments to the Hydro One Uniform Transmission Rates ("UTRs"). Given that Hydro One UTRs are not typically approved in time for adjusting Hydro Ottawa's rates on January 1, UTRs for 2018 will be set using those from the previous year (i.e. 2017). Differences from the new yearly rates will be captured in Uniform System of Accounts 1584 – RSVA Network and 1586 – RSVA Connection for future disposition. For additional information, please see Exhibit 8-3-1.

Retail Service Charges – These charges apply to services provided by a
distributor to retailers or customers, with respect to the supply of competitive
electricity through retailer contracts. Hydro Ottawa proposes direct notification to
retailers of the approved Retail Service Charges for 2018. For additional
information, please see Exhibit 8-4-1.

 Wholesale Market Service Rate ("WMSR") – Hydro Ottawa has used the current OEB generic WMSRs in its Proposed Tariff of Rates and Charges, as outlined in Exhibit 8-10-1. For additional information, please see Exhibit 8-5-1.

Smart Metering Charge – In 2013, the OEB issued a Decision and Order (EB-2012-0100/EB-2012-0211) establishing a Smart Metering charge of \$0.79 per month for Residential and General Service < 50 kW customers effective May 1, 2013. Hydro Ottawa has reflected this charge in its Proposed Tariff of Rates and Charges, as outlined in Exhibit 8-10-1. For additional information, please see Exhibit 8-6-1.</li>





• Revised and New Specific Service Charges – Service charges apply to services that are over and above Hydro Ottawa's standard level of service offerings and may result from a customer's action or inaction. The revenue from these charges offset the total revenue requirement. Multiple currently-approved service charges will be updated as part of this Application, consistent with the Approved Settlement Agreement. All other service charges will remain at the 2016 approved rate. As per the Pole Attachment Decision, the Pole Attachment rate will remain constant from 2016 to 2020, unless Hydro Ottawa is otherwise directed by the OEB. For additional information, please see Exhibit 8-7-1.

• Low Voltage ("LV") Service Rate – Hydro Ottawa receives LV charges from Hydro One for a number of Shared Distribution Stations, Specific Lines and Shared Lines. The OEB has previously determined that it was appropriate for an embedded electricity distributor or a distributor with embedded distribution points (such as Hydro Ottawa), to establish and maintain a variance account for LV charges from its host distributor.<sup>17</sup> In this Application, the LV charge has been allocated to the customer classes based on the class percentage of Retail Transmission Connection dollars (using 2018 proposed rates). For additional information, please see Exhibit 8-8-1.

Disposition of Deferral and Variance Accounts – Hydro Ottawa is requesting the
disposition of Group 1 Deferral and Variance Accounts in compliance with the
OEB's report on the Electricity Distributors' Deferral and Variance Account
Review Initiative ("EDDVAR Report"). Hydro Ottawa has complied with the
EDDVAR Report guidelines and is requesting a disposition period of one year.
For additional information, please see Exhibit 9-2-1.

### 6.0 MODELS

29 Hydro Ottawa has included the following models with this Application:

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<sup>&</sup>lt;sup>17</sup> EB-2005-0529 *Decision with Reasons*, p. 17.



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4 5 • 2018 Revenue Requirement Workform, filed as Attachment 6-1-A – The Revenue Requirement Workform provides a summary of the drivers of Hydro Ottawa's 2018 Approved Revenue Requirement, revised by the Pole Attachment Decision. The workform also provides summaries related to load forecast, cost allocation, and rate design.

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 PILS Workform, filed as Attachment 4-4-A – The Payments in Lieu of Taxes ("PILS") Workform provides detailed calculations of Hydro Ottawa's forecasted PILS payable.

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Hydro Ottawa Cost Allocation Model, filed as Attachment 7-1-A – The main role
of the Cost Allocation Model is to determine what costs are attributable to each of
Hydro Ottawa's rate classes. In addition, the model provides a calculation of the
revenue to expense ratio based on the current rate structure.

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 2018 RTSR Workform, filed as Attachment 8-3-A – The RTSR Workform uses recent Hydro One rates and Hydro Ottawa-specific load and billing information to determine distributor-specific Transmission Network and Connection rates by customer rate class.

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 Deferal and Variance Account (Continuity Schedule) Workform, filed as Attachment 9-1-A – The 2018 DVA Workform provides an Account level history of Deferral and Variance Accounts, including recent disposition history, and worksheets to facilitate designing rate riders for requested Account dispositions.

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#### 7.0 DISTRIBUTION AND TOTAL BILL IMPACTS

Table 4 below provides a summary of the total bill impacts for typical customers in all classes. Please see Attachment 8-12-A for further details regarding Hydro Ottawa's proposed bill impacts.



## Table 4 - Bill Impacts

Rates Summary					
Rate Class		Aj	2016 pproved	:	2017 Proposed
	Distribution Charge	\$	28.68	\$	28.91
	Change in Distribution Charge			\$	0.23
Residential (800 kWh)	% Distribution Increase				0.80%
	% Increase of Total Bill - No VA				0.15%
	% Increase of Total Bill				1.02%
	Distribution Charge	\$	27.93	\$	28.39
	Change in Distribution Charge			\$	0.46
Residential (750 kWh)	% Distribution Increase				1.65%
(750 KWII)	% Increase of Total Bill - No VA				0.38%
	% Increase of Total Bill				1.24%
	Distribution Charge	\$	26.26	\$	27.23
	Change in Distribution Charge			\$	0.97
Residential (640 kWh)	% Distribution Increase				3.68%
(040 KVVII)	% Increase of Total Bill - No VA				0.99%
	% Increase of Total Bill				1.83%
	Distribution Charge	\$	20.10	\$	22.95
Residential (232 kWh)	Change in Distribution Charge			\$	2.84
	% Distribution Increase				14.14%
	% Increase of Total Bill - No VA				6.31%
	% Increase of Total Bill				6.97%
	Distribution Charge	\$	63.29	\$	66.20
General Service <	Change in Distribution Charge			\$	2.91
50 kW	% Distribution Increase				4.60%
(2,000 kWh)	% Increase of Total Bill - No VA				1.18%
	% Increase of Total Bill				1.80%
General Service 50	Distribution Charge	\$	1,281.13	\$	1,346.28
	Change in Distribution Charge			\$	65.15
to 1,499	% Distribution Increase				5.09%
(250 kW)	% Increase of Total Bill - No VA				0.32%
(250 kW)	% Increase of Total Bill				2.84%



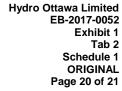
Rates Summary					
Rate Class		Å	2016 Approved		2017 Proposed
	Distribution Charge	\$	13,989.18	\$	14,652.43
General Service	Change in Distribution Charge			\$	663.25
1,500 to	% Distribution Increase				4.74%
4,999 kW (2,500 kW)	% Increase of Total Bill - No VA				0.33%
(2,300 KVV)	% Increase of Total Bill				2.90%
	Distribution Charge	\$	43,130.57	\$	45,013.82
	Change in Distribution Charge			\$	1,883.25
Large Use (7,500 kW)	% Distribution Increase				4.37%
(7,500 KVV)	% Increase of Total Bill - No VA				0.30%
	% Increase of Total Bill				3.05%
	Distribution Charge	\$	7.95	\$	8.78
Sentinel	Change in Distribution Charge			\$	0.83
Lighting	% Distribution Increase				10.43%
(0.4 kW)	% Increase of Total Bill - No VA				4.43%
	% Increase of Total Bill				5.00%
	Distribution Charge	\$	6.45	\$	6.83
Street	Change in Distribution Charge			\$	0.38
Lighting	% Distribution Increase				5.82%
(1 kW)	% Increase of Total Bill - No VA				1.56%
	% Increase of Total Bill				4.48%
Unmetered Scattered Load (470 kWh)	Distribution Charge	\$	15.22	\$	15.88
	Change in Distribution Charge			\$	0.65
	% Distribution Increase				4.29%
	% Increase of Total Bill - No VA				0.93%
	% Increase of Total Bill				1.74%

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## 8.0 FORM OF HEARING REQUESTED

Hydro Ottawa requests that this Application be disposed of by way of a written hearing.





### 9.0 PUBLICATION AND NOTICE

- 2 Hydro Ottawa recommends that the OEB publish notice of this Application in the Ottawa
- 3 Citizen and LeDroit newspapers. The Ottawa Citizen is a daily newspaper serving the
- 4 Ottawa area. LeDroit is a daily newspaper serving French-speaking communities in the
- 5 Ottawa-Gatineau area. According to the latest data, the Ottawa Citizen and LeDroit
- 6 have total average weekday circulations of approximately 105,614 and 34,755,
- 7 respectively. 18 Hydro Ottawa recommends these publications due to their significant
- 8 reach into the English- and French-speaking communities within the City of Ottawa and
- 9 the Village of Casselman.

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- In addition, Hydro Ottawa proposes to post a copy of the Application on its website
- 12 www.hydroottawa.com.

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#### 10.0 CERTIFICATION OF EVIDENCE

- 15 As per the OEB's updated filing requirements, Hydro Ottawa's Chief Financial Officer
- hereby certifies that the company maintains robust processes and internal controls for
- the preparation, review, verification, and oversight of the Account 1588 RSVA Power.
- 18 Hydro Ottawa will provide certification regarding Account 1589 RSVA Global
- 19 Adjustment once it has completed the new GA Analysis Workform. Please see Exhibit
- 20 9-2-1 for further details regarding the Workform.

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#### 11.0 CONTACT INFORMATION

- 23 Hydro Ottawa requests that all documents issued or filed in connection with this
- 24 proceeding be served on the undersigned.

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<sup>&</sup>lt;sup>18</sup> Newspapers Canada, 2015 Daily Newspaper Circulation Spreadsheet.



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 2 Schedule 1 ORIGINAL Page 21 of 21

# All of which is respectfully submitted this 14<sup>th</sup> day of August, 2017.

Original signed by Gregory Van Dusen

Gregory Van Dusen
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#### **ALIGNMENT WITH RRFE**

The OEB articulated its policies and practices regarding the Custom IR method in its 2012 report entitled *Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach* ("RRFE Report"). The RRFE Report states that, under the Custom IR method, "rates are set based on a five year forecast of a distributor's revenue requirement and sales volumes." In addition, the RRFE Report stipulates that "the specifics of how the costs approved by the Board will be recovered through rates over the term will be determined in individual rate applications..." and that "[t]his ratesetting method is intended to be customized to fit the specific applicant's circumstances."

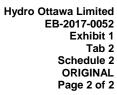
Hydro Ottawa exercised the Custom IR option offered under the RRFE framework on account of its significant and unique multi-year capital needs. In designing its Custom IR Application and the evidence filed in support of its capital and operational funding requirements, Hydro Ottawa endeavoured to be responsive to the OEB's expectations for Custom IR applications, as set out in the RRFE Report. The following are examples of steps undertaken by Hydro Ottawa to apply key tenants of the RRFE paradigm in its Custom IR Application:

- a) Applying for an initial rebasing (financial viability), then applying for a rate-setting approach to recover forecasted capital needs while recovering Operating, Maintenance and Administration ("OM&A") needs pursuant to an I-X formula (operational effectiveness);
- b) Identifying historical and future productivity initiatives to achieve continuous improvement (operational effectiveness);
- c) Providing a customer engagement strategy to ensure responsiveness to identified customer preferences (customer focus);
- d) Providing a comprehensive asset management and infrastructure investment plan that is linked to the capital budget, prioritizes for total bill impact, is informed

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<sup>&</sup>lt;sup>1</sup> RRFE Report, p. 18.

<sup>&</sup>lt;sup>2</sup> *Ibid,* pp. 18-19.





by customer consultation, and has been subject to an independent assessment; and

e) Providing an annual reporting mechanism through which Hydro Ottawa can inform the OEB of its progress on implementing its capital plan as well as its continuous improvement initiatives.

In its December 22, 2015 Decision approving Hydro Ottawa's Custom IR Application, the OEB found that "Hydro Ottawa's application and the settlement proposal prepared by the parties meet the expectations of the RRFE for a Custom IR."<sup>3</sup>

The OEB yielded this finding in the context of a Custom IR plan covering a five-year term. Hydro Ottawa remains committed to integrating the core principles and objectives of the RRFE framework throughout its operations and business, and will continue to undertake steps in support of this effort over the course of its Custom IR term. Delivering value across the customer experience is a core element of Hydro Ottawa's renewed corporate vision and business strategy – *Strategic Direction 2016-2020*, which was filed as Attachment 1-2(A) in Hydro Ottawa's 2017 rate adjustment application.<sup>4</sup> Through such measures as enhanced benchmarking and productivity initiatives, Hydro Ottawa will seek to achieve continuous improvements and maximize operational performance going forward. In short, the expectations and goals set forth in the RRFE Report will continue to guide Hydro Ottawa in the execution of its business plans and capital investment programs, and in the ongoing alignment of its interests with those of its customers.

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<sup>&</sup>lt;sup>3</sup> EB-2015-0004 Hydro Ottawa Limited *Decision and Rate Order*, December 22, 2015, p. 1.

<sup>&</sup>lt;sup>4</sup> Hydro Ottawa's *Strategic Direction 2016-2020* is rooted in four strategic objectives which closely mirror the core outcomes supported under the RRFE framework: Customer Value; Financial Strength; Organizational Effectiveness; and Corporate Citizenship. This renewed strategic plan has been formally adopted by Hydro Ottawa Holding Inc., the parent company of Hydro Ottawa Limited. However, it will likewise guide the business and operations of the regulated electricity distribution company.



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IN THE MATTER OF the Ontario Energy Board Act, 1998, being 1 2 Schedule B to the *Energy Competition Act*, 1998, S.O. 1998, c. 15; 3 4 **AND IN THE MATTER OF** an Application by Hydro Ottawa Limited 5 to the Ontario Energy Board for an Order or Orders approving or 6 fixing just and reasonable rates and other charges for the 7 distribution of electricity effective January 1, 2018. 8 9 APPLICATION AND APPROVAL SOUGHT 10 11 1.0 INTRODUCTION 12 13 The Applicant, Hydro Ottawa Limited (herein referred to as "Hydro Ottawa"), is a 14 corporation incorporated pursuant to the Business Corporations Act (Ontario) and is 15 licensed by the OEB pursuant to Electricity Distribution License No. ED-2002-0556 to 16 distribute electricity to customers residing within the City of Ottawa and Village of 17 Casselman. 18 19 Hydro Ottawa hereby applies to the OEB – pursuant to section 78 of the Ontario Energy 20 Board Act, 1998 (the "OEB Act"), the Custom IR rate-setting method outlined in the 21 OEB's 2012 report entitled Renewed Regulatory Framework for Electricity Distributors: A 22 Performance Based Approach ("RRFE Report"), the OEB's Decision and Rate Order in 23 EB-2015-0004, and the OEB's Pole Attachment Decision in EB-2015-0004 - for an 24 Order or Orders approving: 25 26 a) Final distribution rates effective January 1, 2018, determined from a service 27 revenue requirement of \$190,594,484, as set out in Exhibit 6-1-1; and 28 b) All other specific relief sought, as set out below. 29 30 This Application is guided by the requirements set out in: 31



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 1 ORIGINAL Page 2 of 5

1	a) The OEB's Chapter 2 Filing Requirements for Electricity Distribution Rate
2	Applications dated July 20, 2017 (the "Filing Requirements"); and
3	b) RRFE Report.
4	
5	This Application is supported by written evidence as enumerated in Exhibit 1-1-1, Table
6	of Contents. Hydro Ottawa may amend or supplement this written evidence prior to or
7	during the course of the OEB's hearing of the Application or the rendering of its final
8	decision.
9	
10	Hydro Ottawa accordingly proposes the following title for the proceeding that is
11	commenced by this Application:
12	
13 14	Hydro Ottawa Limited 2018 Electricity Distribution Rates.
15	·
16	Hydro Ottawa requests that this Application be disposed of by way of a written hearing
17	but recognizes that the OEB may choose a different process as deemed appropriate.
18	
19	Hydro Ottawa requests that the OEB make its Rate Order(s) emanating from the current
20	proceeding effective January 1, 2018. In the event that the OEB's Decision with
21	Reasons and Rate Order(s) cannot be delivered until after December 1, 2017, then
22	Hydro Ottawa requests that the OEB grant an Order making its current distribution rates
23	and charges interim effective January 1, 2018 and establish an account allowing Hydro
24	Ottawa to recover any differences between the interim rate and the approved rates as
25	determined by the OEB in its final Decision and Order.
26	
27	The Tariff of Rates and Charges proposed in this Application is set out in Exhibit 8-10-1.
28	In this Application, Hydro Ottawa provides evidence to support all rates and charges for
29	2018.
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Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 1 ORIGINAL Page 3 of 5

#### 1 2.0 SPECIFIC RELIEF REQUESTED 2 3 Hydro Ottawa accordingly applies to the OEB for the following Order or Orders: 4 5 a) Approval of 2018 revenue requirement, as adjusted by the Pole Attachment 6 Decision, as proposed in Exhibit 6-1-1, including: 7 Revenue Offset forecasts, as set out in Exhibit 3-2-1; 8 b) Approval of 2018 electricity distribution rates and charges, as proposed in Exhibit 9 8-10-1; 10 c) Approvals related to deferral and variance accounts, including: 11 i. Approval of new deferral and variance accounts, as proposed in Exhibit 9-12 1-2; 13 ii. Disposal of balances in existing deferral and variance accounts as at 14 December 31, 2016, as set out in Exhibit 9-2-1; and 15 d) Approval of other items or amounts that may be requested by Hydro Ottawa in 16 the course of the proceeding and such other relief or entitlements as the OEB 17 may grant. 18 19 Hydro Ottawa requests, pursuant to subsection 17(1) of the Statutory Powers Procedure 20 Act, that the OEB give reasons in writing for its final Decision and Order(s) in this 21 proceeding. 22 23 The name of Hydro Ottawa's authorized representative, with contact information, is set 24 out below and in the evidence that is filed with the Application. Hydro Ottawa requests 25 that all documents issued or filed in connection with this proceeding be served on its 26 authorized representative. 27 28 29 30



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 1 ORIGINAL Page 4 of 5

1	Authorized Re	epresentative:			
2					
3		Gregory Van E			
4		Director, Regu		airs	
5 6		Hydro Ottawa	Limited		
7		3025 Albion R		ı	
8 9		P.O. Box 8700			
10		Ottawa, Ontari K1G 3S4	10		
11					
12 13		Telephone: E-mail:		13-738-5499 ext. 7472	oom
13		E-IIIaII.	<u> </u>	RegulatoryAffairs@HydroOttawa	<u>.COIII</u>
15					
16					
17					
18					
19	Dated at Otta	ıwa, Ontario, th	nis 14th [	Day of August, 2017.	
20					
21	Applicant		Hydro O	ttawa Limited ("Hydro Ottawa")	
22				oion Road North, P.O. Box 8700	
23 24			Ottawa, K1G 3S4		
25			11.000	•	
26					
27					
28 29	Signed by:				
30	e.gea 27.				
31					
32					
33 34			Gregory	Van Dusen	
35				Regulatory Affairs	
36				ttawa Limited	
37					
38 39					
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Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 1 ORIGINAL Page 5 of 5

1		Appendix to Application
2		
3	Title of Proceeding:	an Application by Hydro Ottawa Limited for an
4		Order or Orders approving or fixing just and
5		reasonable distribution rates and other charges
6		effective January 1, 2018
7		
8	Applicant's Name:	Hydro Ottawa Limited ("Hydro Ottawa")
9		
10	Applicant's Address:	3025 Albion Road North
11		P.O. Box 8700
12		Ottawa, Ontario
13		K1G 3S4
14		RegulatoryAffairs@HydroOttawa.com



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 2 ORIGINAL Page 1 of 2

#### OEB DIRECTIVES FROM PREVIOUS BOARD DECISIONS AND/OR ORDERS

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Below is a summary of previous OEB directives and a description of how such directives are addressed by Hydro Ottawa in this Application.

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a) In EB-2012-0383, the Board indicated that unmetered load (kW) and consumption (kWh) data should ultimately be used to update load profile data for the purpose of the distributor's next cost allocation filing with the Board, which occurs during the distributor's next cost of service application to the Board. Subsequently, in a letter from the Board dated June 12, 2012, the Board stated that "[t]here may be merit in updating load profiles to be more reflective of an individual distributor's circumstances. The OEB expects individual distributors to be mindful of material changes to load profiles and to propose updates in their respective cost of service or Custom IR applications when warranted." Hydro Ottawa will comply with this direction at its next rebasing application.

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b) In the Decision rendered in EB-2015-0004 on December 22, 2015, the OEB established a variance account for "the difference between revenue based on the final pole attachment charge yet to be approved by the OEB for Hydro Ottawa for 2016, and revenue based on the pole attachment charge underpinning the distribution rates approved by this order (i.e. \$57)." As instructed by the Pole Attachment Decision and approved as part of Hydro Ottawa's 2017 rate adjustment application, this amount is being collected as part of Hydro Ottawa's 2017 rates. For additional information, please see Exhibit 9-1-1.

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c) In the Pole Attachment Decision rendered in EB-2015-0004 on February 25, 2016, the OEB stated that Hydro Ottawa should use the pole attachment rate approved in its decision, "subject to any direction from the OEB regarding the implementation of any changes resulting from the Policy Review." At the time of this Application, no further direction has been received.



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Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 2 ORIGINAL Page 2 of 2

d) In the Pole Attachment Decision rendered in EB-2015-0004 on February 25, 2016, the OEB directed Hydro Ottawa to issue invoices for the difference between the interim rate of \$22.35 and the approved pole attachment rate of \$53.00, should Hydro Ottawa have already issued invoices. Hydro Ottawa issued invoices for the pole attachment difference where invoices had already been invoiced. Item b) above addresses the amount that was to be collected through distribution rates. Please see Exhibit 6-1-1 for the adjustment to base revenue requirement related to the Pole Attachment Decision.



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 3 ORIGINAL Page 1 of 3

1 **NOTICE OF APPLICATION** 2 1.0 3 INTRODUCTION 4 5 Pursuant to the OEB's filing requirements, set out in the Chapter 2 Filing Requirements 6 for Electricity Distribution Rate Applications issued July 20, 2017, this Schedule provides 7 the following administrative information: 8 9 1. Notice of Application, including: 10 a. Statement of who will be affected by this Application; 11 b. Summary of Bill Impacts; 12 c. Publication information; 13 d. Contact information; and 14 e. Internet address for viewing the Application. 15 2.0 **NOTICE OF APPLICATION** 16 17 18 a) Affected Customers 19 Hydro Ottawa has approximately 328,000 distribution customers across its service 20 territory that will be affected by this Application. More information regarding Hydro 21 Ottawa's customer base is available in Exhibit 1-2-1, Exhibit 1-4-1, and Exhibit 3-1-1. 22 23 Retail service charges and generation service charges (also referred to as account 24 management charges) will increase, per the Approved Settlement Agreement. For 25 further details, please see Exhibit 8-7-1. 26 27 b) Summary of Bill Impacts 28 Tables 1 and 2 below provide a high-level summary of distribution bill impacts for a 29 typical residential customer using 750 kWh per month and for a General Service < 50 30 kW customer using 2,000 kWh per month. 31

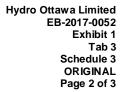




Table 1 - Residential Bill Impact

Residential 750 kWh	2018
Change in Distribution Charge (\$)	\$0.46
Total Bill % change	1.24%

Table 2 – General Service < 50 kW Bill Impact

General Service < 50 kW (2000 kWh)	2018
Change in Distribution Charge (\$)	\$2.91
Total Bill % change	1.80%

## c) Publication Information

Hydro Ottawa recommends that the OEB publish a notice of this Application in the Ottawa Citizen and LeDroit newspapers. The Ottawa Citizen is a daily newspaper serving the Ottawa area. LeDroit is a daily newspaper serving the French-speaking communities in the Ottawa-Gatineau area. According to the latest data, the Ottawa Citizen and LeDroit have total average weekday circulation of approximately 105,614 and 34,755, respectively. Hydro Ottawa recommends these publications due to their significant reach into the English- and French-speaking communities within the City of Ottawa and the Village of Casselman.

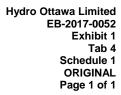
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<sup>1</sup> Newspapers Canada, 2015 Daily Newspaper Circulation Spreadsheet.



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 3 Schedule 3 ORIGINAL Page 3 of 3

1	d) Contact Information
2	The name and contact information of Hydro Ottawa's authorized representative for this
3	Application to the Board is:
4	
5	a. Authorized Representative
6 7 8 9 10 11 12 13	Mr. Gregory Van Dusen Director, Regulatory Affairs Hydro Ottawa Limited  3025 Albion Road North P.O. Box 8700 Ottawa, Ontario K1G 3S4
14 15 16 17	Telephone: 613-738-5499 ext. 7472 E-mail: RegulatoryAffairs@HydroOttawa.com
	a) Internet Address for Visusing the Application
19	e) Internet Address for Viewing the Application
20	This Application and related documents will be available for viewing on Hydro Ottawa's
21	website, www.hydroottawa.com, pending receipt of direction from the OEB.



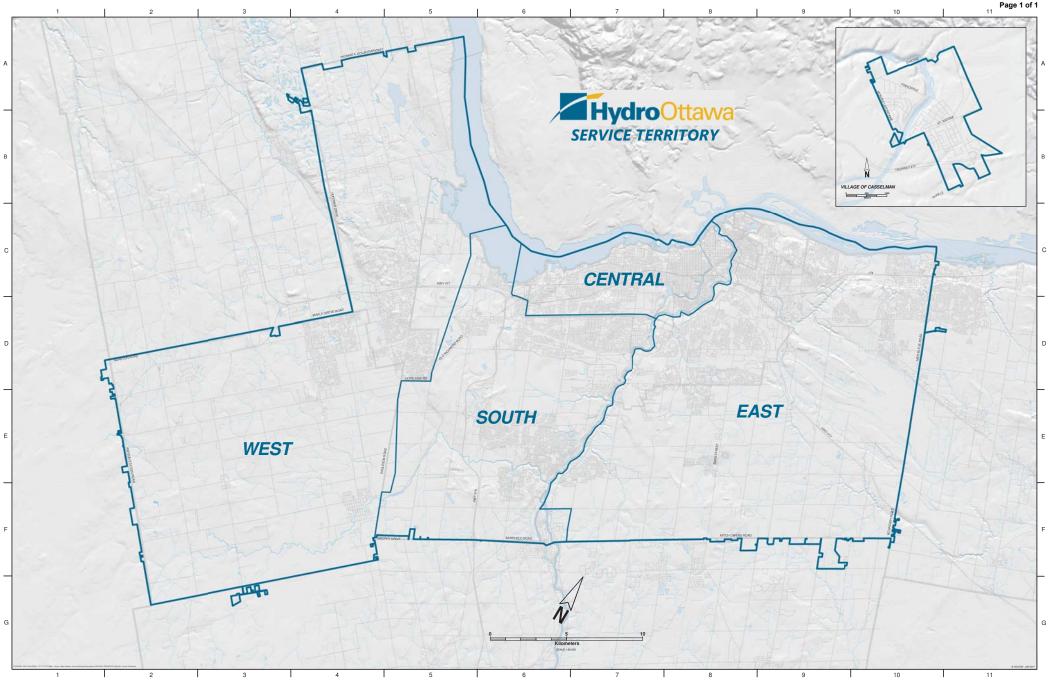


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2 3 Hydro Ottawa is a corporation incorporated pursuant to the Business Corporation Act 4 (Ontario) and is licensed under OEB Electricity Distributor License No. ED-2002-0556. 5 As of the end of 2016, Hydro Ottawa distributed electricity to approximately 328,000 6 customers within the City of Ottawa and the Village of Casselman. 7 8 According to the latest OEB statistics, Hydro Ottawa is the fourth largest electricity 9 distributor in Ontario (by number of customers), with a service territory of 1,116 square 10 kilometers that includes a dense urban core, large areas of suburban development, and 11 a vast rural area representing approximately 60% of the company's territory. 12 13 Hydro Ottawa was created in the year 2000, following the amalgamation of the 14 municipalities of the former Region of Ottawa-Carleton. Hydro Ottawa was formed 15 through the merging of five predecessor utilities: Ottawa Hydro, Kanata Hydro, 16 Gloucester Hydro, Nepean Hydro, and Goulbourn Hydro. In 2002, Hydro Ottawa 17 acquired the service territory of Casselman Hydro. 18 19 The Ottawa and Casselman segments of the service territory are non-contiguous, with 20 the City of Ottawa and the Village of Casselman separated by the territory of Hydro One. 21 Accordingly, Hydro Ottawa contains no licensed distributors embedded within its service 22 area. Hydro Ottawa's load is primarily delivered through transmission connection points; 23 however, there are a number of delivery points embedded in the Hydro One distribution 24 system, primarily in rural areas. 25 26 Hydro Ottawa has high voltage assets (>50kV) that the OEB has previously deemed as 27 distribution assets. These assets largely consist of transformer substations that are 28 located throughout Hydro Ottawa's service territory. 29 30 A map of Hydro Ottawa's service territory is included below.

DISTRIBUTION SYSTEM OVERVIEW

<sup>1</sup> OEB 2015 Yearbook of Electricity Distributors.





Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 5 Schedule 1 ORIGINAL Page 1 of 2

#### **CUSTOMER ENGAGEMENT**

Hydro Ottawa views customer engagement as an essential part of doing business and, as a result, has placed the customer at the centre of everything Hydro Ottawa does by weighing customer impacts in every decision. As reflected in Hydro Ottawa's renewed strategic plan – *Strategic Direction 2016-2020*, included as Attachment 1-2(A) of the 2017 Application – stakeholder engagement is a guiding principle of Hydro Ottawa's business strategy: "Hydro Ottawa takes into account the interests of all our stakeholders including employees, customers, suppliers, our shareholder and the communities and environment in which we operate."

The key Divisions within Hydro Ottawa that are primarily responsible for customer outreach are Customer Service, Distribution Operations, Asset Management, Conservation and Demand Management ("CDM"), and Corporate Communications. Customer needs and expectations are diverse and dynamic. To ensure Hydro Ottawa aligns its services to effectively meet evolving customer expectations, Hydro Ottawa has undertaken many customer engagement activities related to all areas of the distribution company. Customers also have the option to proactively engage with Hydro Ottawa, through a variety of social media platforms.

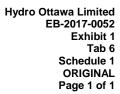
As of December 31, 2016, Hydro Ottawa serviced 327,880 customers over a 1,116 square kilometer service territory, within the City of Ottawa and Village of Casselman. Of those customers, 299,909 were Residential; 24,689 were General Service < 50 kW; 3,271 were General Service > 50 kW; and 11 were Large Users. Further, as the electricity distributor of the nation's capital, Hydro Ottawa provides services in both official languages.

<sup>&</sup>lt;sup>1</sup> Hydro Ottawa *Strategic Direction 2016-2020*, p. 21. Hydro Ottawa's new strategic plan is rooted in four strategic objectives which closely mirror the core outcomes supported under the RRFE framework: Customer Value; Financial Strength; Organizational Effectiveness; and Corporate Citizenship. This plan has been formally adopted by Hydro Ottawa Holding Inc., the parent company of Hydro Ottawa Limited. However, it will likewise guide the business and operations of the regulated electricity distribution company.



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 5 Schedule 1 ORIGINAL Page 2 of 2

- 1 The need for and value in engaging customers ensures that Hydro Ottawa's business
- 2 initiatives continue to align with the needs and expectations of its rapidly growing and
- 3 diverse rural and urban customer base.





#### MATERIALITY THRESHOLD

Section 2.0.8 of the Chapter 2 Filing Requirements For Electricity Distribution Rate Applications, issued by the OEB on July 20, 2017, requires that "The applicant must provide justification for annual changes to its rate base, capital expenditures, and operations, maintenance and administration (OM&A) costs. To ensure the OEB's review is focused on matters that are material, the OEB only requires variance explanations for changes above certain amounts."

For a utility the size of Hydro Ottawa, the default materiality threshold is defined as 0.5% of the distribution revenue requirement for distributors with a revenue requirement greater than \$10 million and less than or equal to \$200 million. As Hydro Ottawa is not proposing changes to its rate base, capital expenditures, and OM&A (consistent with its Approved Settlement Agreement), no variance analysis has been completed per these materiality requirements.

Hydro Ottawa notes that the same materiality threshold requirements are used for the determination of the eligibility of a Z-factor, as per the *Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* issued on July 14, 2008. As stated in the Approved Settlement Agreement, "Hydro Ottawa is not precluded from applying for Z-factor relief in the event that an unforeseen event results in a financial impact that exceeds Hydro Ottawa's \$880,000 materiality threshold." Hydro Ottawa is not applying for a Z-factor as part of this Application.

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<sup>&</sup>lt;sup>1</sup> Approved Settlement Agreement, p. 27.



Hydro Ottawa Limited EB-2017-0052 Exhibit 1 Tab 6 Schedule 2 ORIGINAL Page 1 of 1

1 2	ACCOUNTING ORDERS
3	Hydro Ottawa confirms that it has complied with the Uniform System of Accounts
4	("USofA"), as set out in the OEB's Accounting Procedures Handbook ("APH").
5	
6	As part of its 2012 (EB-2011-0054) and 2016 (EB-2015-0004) OEB-approved decisions
7	Custom IR Application, and pole attachment rates, Hydro Ottawa received utility-specific
8	accounting orders. Hydro Ottawa confirms compliance related to its utility-specific
9	accounting orders.



Hydro Ottawa Limited EB-2017-0052 Exhibit 2 Tab 1 Schedule 1 ORIGINAL Page 1 of 2

1		RATE BASE
2		
3	1.0	INTRODUCTION
4		
5		Schedule provides an overview of Hydro Ottawa's approved distribution rate base
6	for the	e 2016 to 2020 Custom IR period.
7		
8		ate base used to determine the revenue requirement included a forecast of net
9		assets, calculated on a mid-year average basis, plus Working Capital Allowance
10	•	A"). Net fixed assets are gross assets in service minus accumulated amortization
11 12	and co	ontributed capital.
12 13	Table	1 below shows Hydro Ottawa's approved rate base values for 2016 through 2020.
13 14		1 provides the opening, closing, and average balances for gross assets and
15		nulated depreciation. Table 1 further provides the closing balance for net fixed
16		s and Hydro Ottawa's WCA.
17	about	Jana Hydro Chawa o Work.
18	As pa	rt of the Approved Settlement Agreement, a new deferral account for Connection
19	-	Recovery Agreement ("CCRA") payments made to Hydro One was established. As
20	a resu	ilt, Hydro Ottawa's forecasted CCRA payments are not included in Table 1 below.
21	Also, p	per the Approved Settlement Agreement, new deferral and variance accounts have
22	been	established for the treatment of Hydro Ottawa's new facilities. The new facilities
23	are no	ot included in the gross asset and rate base numbers presented in Table 1.
24		
25		
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Hydro Ottawa Limited EB-2017-0052 Exhibit 2 Tab 1 Schedule 1 ORIGINAL Page 2 of 2

# Table 1 – Summary of Approved Rate Base (\$000)

1 2

	2016	2017	2018	2019	2020
Opening Gross Assets	810,428	882,472	962,598	1,050,061	1,111,912
Closing Gross Assets	882,472	962,598	1,050,061	1,111,912	1,218,811
Average Gross Assets	\$846,450	\$922,535	\$1,006,329	\$1,080,986	\$1,165,362
Opening Accumulated Depreciation	\$70,764	\$110,130	\$152,675	\$198,050	\$245,195
Closing Accumulated Depreciation	\$110,130	\$152,675	\$198,050	\$245,195	\$293,565
Average Accumulated Depreciation	\$90,447	\$131,402	\$175,363	\$221,623	\$269,380
Average Net Fixed Assets Closing	756,003	791,132	830,967	859,364	895,981
Working Capital Allowance	77,116	78,617	81,882	76,760	77,820
Rate Base	833,119	869,749	912,849	936,124	973,801

<sup>4</sup> For detail on Capital Additions, please see Exhibit 2-2-1. In addition, for more details

<sup>5</sup> related to the WCA, please see Exhibit 2-3-1.



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# GROSS ASSETS – PROPERTY PLANT AND EQUIPMENT AND ACCUMULATED <u>DEPRECIATION</u>

#### 1.0 GROSS ASSETS AND ACCUMULATED DEPRECIATION

This Exhibit provides an overview of Hydro Ottawa's Approved Gross Assets and Accumulated Depreciation for its 2016 to 2020 Custom IR period. Net fixed assets (gross assets in service minus accumulated depreciation/amortization and contributed capital) is used in the determination of rate base. For the calculation of rate base, please see Exhibit 2-1-1.

As part of the Approved Settlement Agreement, Hydro Ottawa's Gross Assets and Accumulated Depreciation are fixed for the five years 2016 to 2020. "Parties accept that Hydro Ottawa's revised Distribution System Plan and related attachments that set out Hydro Ottawa's capital investment requirements appropriately represents asset and capital planning that will enable Hydro Ottawa to fulfil its mission of providing a safe and reliable electricity distribution service to the City of Ottawa and Village of Casselman." Please see Table 1 for a summary of Hydro Ottawa's Approved Gross Assets and Accumulated Depreciation.

<sup>&</sup>lt;sup>1</sup> Approved Settlement Agreement, p. 14.



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Hydro Ottawa Limited EB-2017-0052 Exhibit 2 Tab 2 Schedule 1 ORIGINAL Page 2 of 3

#### Table 1 – Gross Assets and Accumulated Depreciation (\$000)

2016 2017 2018 2019 2020 Opening Gross Assets 810,428 882,472 962,598 1,050,061 1,111,912 Closing Gross Assets 882,472 962,598 1,050,061 1,111,912 1,218,811 **Average Gross Assets** \$1,006,329 \$846,450 \$922,535 \$1,080,986 \$1,165,362 Opening Accumulated Depreciation \$70,764 \$110,130 \$152,675 \$198,050 \$245,195 Closing Accumulated Depreciation \$110,130 \$152,675 \$198,050 \$245,195 \$293,565 Average Accumulated Depreciation \$90,447 \$131,402 \$175,363 \$221,623 \$269,380

4 Provided in Table 2 is the updated Capital Additions Schedule by Capital Program, per

5 the Approved Settlement Agreement.

Table 2 – Approved Capital Additions by Category (\$000)

2016 2017 2018 2019 2020 8,434 16,703 7,059 7,630 15,019 General Plant 70,133 81,123 System Renewal and Service 52,744 53,389 43,710 12,628 11,798 12,034 12,274 12,520 System Access 63,614 73,806 81,889 89,226 108,662 Total Additions

#### 2.0 ITEM NOT INCLUDED IN GROSS ASSETS

As part of the Approved Settlement Agreement, a new deferral account for Connection Cost Recovery Agreement ("CCRA") payments made to Hydro One was established. As a result, Hydro Ottawa's forecasted CCRA payments are not included in the five-year Additions outlined in the previous section. Reporting on this variance account is included in Exhibit 9-1-1 Current Deferral and Variance Accounts.

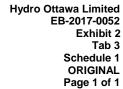


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In addition, as part of the Approved Settlement Agreement, a Loss on Disposal Variance Account (Gains and Loss on Disposal of Fixed Assets) was established. An amount was estimated for its impact on rate base. Any variance to this amount will be disposed as part of Group 2 Regulatory Accounts. Hydro Ottawa is not requesting any clearance of the Loss on Disposal Variance Account as part of this Application and the Account does not impact Hydro Ottawa's proposed distribution rates described in Exhibit 8-1-1. Reporting on this variance account is included in Exhibit 9-1-1.

As part of the Approved Settlement Agreement, Hydro Ottawa's new operating centers and administrative facilities – including the disposal of any related existing facilities – will be dealt with through a Y Factor and a Deferral Account. As discussed further in Exhibit 9-1-1, Hydro Ottawa is not filing any amounts related to these Accounts as part of this Application. Hydro Ottawa will also report on the Y Factor and Variance Accounts as part of its 2016 annual report within its 2016 OEB Scorecard.

Lastly, per the Approved Settlement Agreement, a Capital Variance Account has been established to annually track the variance, on a cumulative basis, of the revenue requirement impact related to the capital forecast additions versus actual capital additions. The variance will be tracked by three categories: (1) System Renewal/System Service; (2) System Access; and (3) General Plant. The revenue requirement impact will be returned to rate payers at the end of the Custom IR period. Hydro Ottawa will also report annually on the actual capital additions by the three categories. No amount was recorded into the variance account at the end of 2016. Please see Exhibit 9-1-1 for reporting on the balances of current deferral and variance accounts for more information.





#### **WORKING CAPITAL REQUIREMENT**

## 1.0 INTRODUCTION

This Exhibit summarizes the Working Capital Requirement, as agreed to in the Approved Settlement Agreement. Table 1 summarizes the 2016 to 2020 Working Capital Allowance ("WCA"), which is incorporated into Hydro Ottawa's proposed 2018 rates.

Hydro Ottawa performed a Lead Lag Study as part of its Custom IR Application. The Working Capital percentages in Table 1 reflect the agreement of the Parties to the Approved Settlement Agreement, after having reviewed Hydro Ottawa's Lead Lag Study and having considered the comments of the OEB in its June 3, 2015 letter titled "Allowance for Working Capital for Electricity Distribution Rate Applications."

Consistent with the Approved Settlement Agreement, Hydro Ottawa's Power Supply Expense and Working Capital percentages are set for a five-year period. Operating, Maintenance and Administration ("OM&A") has been set for the 2016 to 2018 three-year period. OM&A for 2019 and 2020 will be adjusted as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018. However, the WCA will not be impacted by this update. Please see Exhibit 4-2-1 for further details related to OM&A.

Table 1 – Working Capital Allowance (\$000)<sup>1</sup>

	2016	2017	2018	2019	2020
Power Supply Expenses	894,285	911,714	947,559	928,734	945,199
OM&A Expenses	83,106	84,693	86,311	87,959	89,639
Total Expenses for Working Capital	977,391	996,407	1,033,869	1,016,693	1,034,838
Working Capital %	7.89	7.89	7.92	7.55	7.52
WCA	77,116	78,617	81,882	76,760	77,820

<sup>&</sup>lt;sup>1</sup> Totals may not match due to rounding.



Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 1 of 7

1 LOAD FORECAST 2 3 1.0 INTRODUCTION 4 5 Hydro Ottawa engaged Itron to complete its 2015 to 2020 sales and energy forecast. 6 Itron completed forecasts for total purchases sales and system demand and rate class 7 sales, customers and connections, and billing demand. The forecast utilized actual data 8 on sales, customer numbers and connections, and purchases until August 2014. 9 Forecasts were provided both with and without the impact of future Conservation and 10 Demand Management ("CDM") targets. 11 12 A Purchases model was used with total sales allocated to the rate class sales forecast. 13 14 While completing the load forecast, Hydro Ottawa was performing its analysis for its rate 15 reclassification. Based on a detailed customer level analysis of the impact of the rate 16 reclassification, Hydro Ottawa adjusted the class level load forecast and customer 17 numbers developed by Itron. The total kWh sales, kW demand, and customer and 18 connection numbers equal those of Itron. However, the class level forecasts are 19 different – the main reclassification being between General Service < 50 kW and 20 General Service > 50 kW classifications. 21 22 Hydro Ottawa adjusted the forecast to include Sentinel Lighting and Standby Demand, 23 as these were not forecasted separately by Itron. 24 25 As part of the Approved Settlement Agreement, Parties accepted Hydro Ottawa's load 26 and customer forecast for 2016 to 2020. Tables 1 to 4 below summarize Hydro Ottawa's 27 load forecast, with CDM. 28 29 30

Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 2 of 7

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Table 1 provides Hydro Ottawa's Sales forecast by MWh for 2016 through 2020.

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# Table 1 – Hydro Ottawa 2016 through 2020 Sales Forecast (MWh) by class<sup>1</sup>

	2016	2017	2018	2019	2020
Residential	2,216,045	2,198,259	2,206,411	2,214,984	2,217,628
General Service < 50 kW	726,360	716,896	709,791	704,193	699,744
General Service 50 to 1,000 kW Non Interval	1,386,977	1,336,827	1,295,564	1,259,397	1,226,514
General Service 50 to 1,000 kW Interval	1,207,946	1,214,762	1,226,094	1,240,552	1,256,773
General Service 1,000 to 1,499 kW	359,518	355,856	353,764	352,644	352,100
General Service 1,499 to 4,999 kW	863,309	877,400	895,369	914,569	935,554
Large Use	620,218	619,253	618,467	617,036	615,195
Unmetered Scattered Load	16,651	16,690	16,731	16,772	16,827
Sentinel Lighting	48	48	48	48	48
Street Lighting	43,552	43,653	43,765	43,876	44,015
Total MWh Sales	7,440,624	7,379,644	7,366,004	7,364,071	7,364,398

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<sup>&</sup>lt;sup>1</sup> Forecast does not include Dry Core Transformer Charge.



Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 3 of 7

Table 2 provides Hydro Ottawa's Demand forecast by kW for 2016 through 2020.

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# Table 2 - Hydro Ottawa 2016 through 2020 Demand Sales Forecast (kW) by class

2	2016	2017	2018	2019	2020
General Service 50 to1,000 kW Non Interval	3,533,354	3,406,354	3,301,064	3,208,582	3,123,291
General Service 50 to1,000 kW Interval	2,725,183	2,740,805	2,766,375	2,798,890	2,835,076
General Service 1,000 to1,499 kW	769,442	761,481	756,911	754,458	753,212
General Service 1,499 to 4,999 kW	1,847,365	1,877,691	1,916,044	1,957,009	2,001,525
Large Use	1,121,449	1,119,726	1,118,300	1,115,702	1,112,342
Standby Power	4,800	4,800	4,800	4,800	4,800
Sentinel Lighting	216	216	216	216	216
Street Lighting	123,144	123,144	123,144	123,144	123,144
Total kW Sales Demand	10,124,953	10,034,217	9,986,854	9,962,801	9,953,606

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Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 4 of 7

Table 3 provides Hydro Ottawa's average number of customers and connections forecast for 2016 through 2020.

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# Table 3 - Hydro Ottawa 2016 through 2020 Average Number of Customers and Connections by class

	2016	2017	2018	2019	2020
Residential	297,343	301,258	305,144	308,990	312,786
General Service < 50 KW	24,512	24,626	24,739	24,850	24,959
General Service 50 to 1,000 kW Non Interval	2,481	2,481	2,481	2,481	2,481
General Service 50 to 1,000 kW Interval	758	785	813	841	869
General Service 1,000 to 1,499 kW	57	57	57	58	58
General Service 1,499 to 4,999 kW	76	76	76	76	76
Large Use	11	11	11	11	11
Standby Power	2	2	2	2	2
Total Customers	325,240	329,296	333,323	337,308	341,243

	2016	2017	2018	2019	2020
Unmetered Scattered Load	3,477	3,525	3,573	3,621	3,669
Sentinel Lighting	55	51	47	43	39
Street Lighting	55,516	55,516	55,516	55,516	55,516
Total Connections	59,048	59,092	59,136	59,180	59,224

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Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 5 of 7

Table 4 provides Hydro Ottawa's forecast kW for 2016 through 2020 for the Transformer Ownership Credit.

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# Table 4 - Hydro Ottawa 2016 through 2020 Demand Sales Forecast (kW) for Transformer Ownership Credit

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	2016	2017	2018	2019	2020
General Service 50 to 1,000 kW Non Interval	(883,339)	(851,589)	(825,266)	(802,146)	(780,823)
General Service 50 to 1,000 kW Interval	(681,296)	(685,201)	(691,594)	(699,723)	(708,769)
General Service 1,000 to 1,499 kW	(192,361)	(190,370)	(189,228)	(188,615)	(188,303)
General Service 1,499 to 4,999 kW	(461,841)	(469,423)	(479,011)	(489,252)	(500,381)
Large Use	(280,362)	(279,932)	(279,575)	(278,926)	(278,086)
Total kW Sales Demand	(2,499,198)	(2,476,514)	(2,464,674)	(2,458,660)	(2,456,362)

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For the 2018 class level revenue forecast, please see Attachment 6-1-A 2018 Revenue Requirement Workform.

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Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 6 of 7

Tables 5 and 6 summarize Hydro Ottawa's CDM adjustments to its approved load forecast.

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Table 5 provides Hydro Ottawa's Sales forecast CDM adjustments by MWh for 2016 through 2020.

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# Table 5 – Hydro Ottawa 2016 through 2020 Sales CDM Adjustments (MWh) by class<sup>2</sup>

	2016	2017	2018	2019	2020
Residential	16,725	28,574	39,437	49,312	59,186
General Service < 50 KW	10,727	18,627	25,869	32,452	39,035
General Service 50 to 1,000 kW Non Interval	37,380	64,684	89,512	111,938	134,259
General Service 50 to1,000 kW Interval	32,771	57,538	80,453	101,447	122,573
General Service 1,000 to 1,499 kW	9,666	16,844	23,414	29,368	35,296
General Service 1,499 to 4,999 kW	0	0	0	0	0
Large Use	0	0	0	0	0
Unmetered Scattered Load	0	0	0	0	0
Sentinel Lighting	0	0	0	0	0
Street Lighting	0	0	0	0	0
Total MWh Sales	107,269	186,267	258,685	324,517	390,349

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<sup>&</sup>lt;sup>2</sup> Forecast does not include Dry Core Transformer Charge.



Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 1 Schedule 1 ORIGINAL Page 7 of 7

Table 6 provides Hydro Ottawa's Demand forecast CDM adjustments by kW for 2016 through 2020.

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# Table 6 - Hydro Ottawa 2016 through 2020 Demand Sales CDM Adjustments (kW) by class

	2016	2017	2018	2019	2020
General Service 50 to 1,000 kW Non Interval	5,215	10,723	16,118	20,642	25,146
General Service 50 to 1,000 kW Interval	6,730	11,679	16,227	20,422	24,643
General Service 1,000 to 1,499 kW	1,825	3,220	4,506	5,663	6,814
General Service 1,499 to 4,999 kW	0	0	0	0	0
Large Use	0	0	0	0	0
Standby Power	0	0	0	0	0
Sentinel Lighting	0	0	0	0	0
Street Lighting	0	0	0	0	0
Total kW Sales Demand	13,770	25,622	36,851	46,727	56,603



Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 2 Schedule 1 ORIGINAL Page 1 of 2

**OTHER REVENUE** 

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#### 1.0 INTRODUCTION

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Other Revenue, also referred to as Revenue Offsets, relates to all utility revenues other than distribution and cost of power revenues. Table 1 provides the Revenue Offset as part of the Approved Settlement Agreement for 2016 to 2020.

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### Table 1 – Other Revenue Summary (Per Approved Settlement Agreement)

	2016 Forecast \$		_		
Settlement Revenue Offset	11,696,988	11,562,581	11,719,491	11,799,409	11,895,283

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Table 2 provides the Revenue Offset for 2016 to 2020, adjusted for the Pole Attachment Decision. The Revenue Offset adjusted for the Pole Attachment Decision was not incorporated into 2016 rates. Hydro Ottawa was instructed by the OEB to record the difference related to 2016 into a regulatory asset. Please see Exhibit 9-1-1 for further details.

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Table 2 – Other Revenue Summary (Adjusted for Pole Attachment Decision)

	2016 Forecast \$			2019 Forecast \$	
Final Revenue Offset	11,471,600	11,337,193	11,437,756	11,517,674	11,613,548

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Hydro Ottawa has incorporated the Pole Attachment Decision into its 2018 rates, as instructed by the OEB. Please see Exhibit 8-7-1 for pole attachment rates, as well as other Specific Service Charges.

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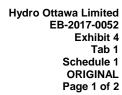
Hydro Ottawa Limited EB-2017-0052 Exhibit 3 Tab 2 Schedule 1 ORIGINAL Page 2 of 2

- 1 Table 3 provides a reconciliation of the Revenue Offset related to the Pole Attachment
- 2 Decision.

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## Table 3 - Other Revenue Reconciliation

	2016 Forecast \$	-	2018 Forecast \$		2020 Forecast \$
Revenue Offset per Settlement	11,696,988	11,562,581	11,719,491	11,799,409	11,895,283
Change due to Pole Attachment Decision	(225,388)	(225,388)	(281,735)	(281,735)	(281,735)
Final Revenue Offset	11,471,600	11,337,193	11,437,756	11,517,674	11,613,548





#### **OPERATING EXPENSES – SUMMARY**

#### 1.0 INTRODUCTION

This Exhibit provides an overview of Hydro Ottawa's total operating costs. These costs include Operating, Maintenance and Administration ("OM&A"), including property taxes; Depreciation and Amortization expenses; and Payments in Lieu of Taxes ("PILS"). More detailed information regarding how each expense category is addressed through the Approved Settlement Agreement and this Application is available in Exhibits 4-2-1, 4-3-1, and 4-4-1.

Table 1 provides a summary of recoverable Operating Expenses. As discussed in their respective Exhibits, the 2019 and 2020 amounts for OM&A and PILS will be updated as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018.

Table 1 - Summary of Operating Expenses<sup>1</sup>

	2016 \$000	2017 \$000	2018 \$000	2019 \$000	2020 \$000
OM&A (including Property Tax)	83,106	84,693	86,311	87,959	89,639
Depreciation/Amortization	40,379	43,558	46,388	48,158	49,384
Income Tax/PILS	3,755	3,634	4,897	7,197	6,238
Total Operating Costs	127,240	131,885	137,596	143,314	145,260

#### 2.0 OM&A

Hydro Ottawa's recoverable OM&A for 2018 is set at \$86.3M. This represents an escalator of 1.91% over the 2017 level of OM&A.

<sup>&</sup>lt;sup>1</sup> Totals may not match due to rounding.



Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 1 Schedule 1 ORIGINAL Page 2 of 2

#### 3.0 DEPRECIATION AND AMORTIZATION EXPENSES

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Hydro Ottawa adheres to the Modified International Financial Reporting Standards ("MIFRS") as its accounting standard, which informs its rate making and regulatory reporting requirements. Hydro Ottawa uses the half-year rule for calculating depreciation/amortization in the year that capital additions are added into rate base, except in the case of discrete material assets, such as a station. Please see Exhibit 4-3-1 for additional information.

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#### 4.0 PILS

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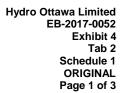
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Pursuant to its obligations under Section 93 of the *Electricity Act, 1998* (Ontario), as amended, Hydro Ottawa is liable for the payment of PILS to the Ministry of Finance based on its taxable income. For 2016 to 2020 PILS, Hydro Ottawa has used a combined Federal and Ontario tax rate of 26.50%. Please see Exhibit 4-4-1 for additional information.





#### 1 OPERATING, MAINTENANCE AND ADMINISTRATION EXPENSE 2 3 1.0 INTRODUCTION 4 5 This Exhibit provides a summary of Hydro Ottawa's Operating, Maintenance and 6 Administration ("OM&A") expenditures, as per the Approved Settlement Agreement. 7 This Schedule further describes Hydro Ottawa's approach to OM&A planning. 8 9 As part of the Approved Settlement Agreement, the basis of the five-year Custom IR 10 period 2016 to 2020 was set. The Parties agreed to recoverable OM&A for 2016 of 11 \$83,105,564. The 2017 and 2018 period would be increased by a 1.91% escalator on a 12 compound basis. The escalator was determined by starting with a 2.07% inflation factor. 13 adjusted by +0.14% growth factor, and further adjusted by a -0.3% productivity/stretch 14 factor. 15 16 The 2019 and 2020 escalator will be adjusted as part of Hydro Ottawa's annual rate 17 adjustment application to be filed in 2018, consistent with the approach outlined in the 18 Approved Settlement Agreement. As per this approach, only the inflationary factor of 19 2.07% will be updated (consistent with the method used to produce the 2017 and 2018 20 The 2017 and 2018 inflationary factor was "derived by a inflationary factor). 21 recalculation of the OEB's inflation factor using a weight of 60% labour and 40% nonlabour inflation rate." The growth factor and productivity/stretch factor remain set for the 22 23 four-year period of 2017 to 2020. 24 25 Table 1 provides a summary of recoverable OM&A. As indicated, 2019 and 2020 will be 26 updated as part of the annual rate adjustment application to be filed in 2018. 27 28

<sup>1</sup> Approved Settlement Agreement, p. 20.

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Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 2 Schedule 1 ORIGINAL Page 2 of 3

#### Table 1 - Summary of Recoverable OM&A

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	2016	2017	2018	2019	2020
	\$000	\$000	\$000	\$000	\$000
OM&A (including Property Tax)	83,106	84,693	86,311	87,959	89,639

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## 1.1 Hydro Ottawa's Approach to OM&A Planning and Budgeting

Hydro Ottawa's approach to OM&A planning and budgeting for the 2016-2020 period was guided by Hydro Ottawa's planning and performance management framework, which aligns the company's corporate strategies with planning, operations, performance, and the drive for continuous improvement.

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The framework maintains that spending correspond to business priorities, be directed to achieve performance targets, and support Hydro Ottawa's four key focus areas as set out in its 2012-2016 Strategic Direction and reaffirmed in the 2016-2020 Strategic Direction. These four key focus areas for the company are:

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Customer value;

Financial strength;

Organizational effectiveness; and

Corporate citizenship.

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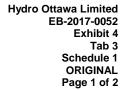
#### 1.2 OM&A Budget Process

Hydro Ottawa undertook both a top-down and bottom-up forecasting exercise to develop the 2016 test year budget. Examples of top-down constraints include constraints on hiring and on compensation, benefits, productivity, and cost control. Bottom-up funding requests were then developed and evaluated, and scrutinized based on priority and alignment with core company strategic directives as well as ratepayer impacts.



Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 2 Schedule 1 ORIGINAL Page 3 of 3

- 1 As noted above, the OM&A budget for the 2017-2020 years is based on an escalator.
- 2 Recognizing that Hydro Ottawa cannot accurately predict all potential OM&A funding
- 3 requirements that may emerge during the 2017-2020 period, per the Approved
- 4 Settlement Agreement Hydro Ottawa is not precluded from applying for a Z-factor
- 5 application. Hydro Ottawa will only resort to using the Z-factor mechanism if costs
- 6 incurred arise from unforeseen events, decisions or activities, the results of which cannot
- 7 be reasonably anticipated or quantified at this juncture and where the costs exceed
- 8 Hydro Ottawa's materiality threshold. Examples include unforeseen weather events or
- 9 changes to laws or regulations requiring significant implementation investment.





#### **DEPRECIATION, AMORTIZATION AND DISPOSAL**

#### 1.0 INTRODUCTION

This Exhibit provides a summary of the depreciation/amortization and disposal approved as part of the Approved Settlement Agreement. Hydro Ottawa's capital additions, depreciation/amortization, and disposal have been set for rate making purposes for the Custom IR period. The depreciation/amortization and disposal, per the Approved Settlement Agreement, have been summarized in Table 1 below.

Table 1 - Depreciation/Amortization and Disposals

	2016 \$000	2017 \$000	2018 \$000	2019 \$000	2020 \$000
Depreciation/Amortization	40,379	43,558	46,388	48,158	49,384
Net Disposals	750	750	750	750	750

Hydro Ottawa uses the half-year rule for calculating depreciation/amortization in the year that capital additions are added to the rate base for both actual and budgeted pooled assets, except in the case of discrete material assets, such as a station. In those specific cases, the actual or forecasted in-service month would be used to calculate the depreciation/amortization.

# 2.0 ITEMS NOT INCLUDED IN BASE REVENUE REQUIREMENT DEPRECIATION/AMORTIZATION AND DISPOSALS

As part of the Approved Settlement Agreement, a Capital Investment Variance Account was established to "track variances and associated revenue requirement impacts computed and tracked on an annual basis, resulting from any underspending in the three categories (General Plant, System Renewal and Service, and System Access) calculated on a cumulative basis. Disposition of any credit to customers will occur at the end of the five year term." As such.

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<sup>&</sup>lt;sup>1</sup> Approved Settlement Agreement, p. 23.



Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 3 Schedule 1 ORIGINAL Page 2 of 2

the Capital Investment Variance Account does not impact Hydro Ottawa's proposed distribution rates for 2018. No amount was recorded into the variance account at the end of 2016. Please see Exhibit 9-1-1 for reporting on the balances of current deferral and variance accounts for more information.

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In addition, as part of the Approved Settlement Agreement, a Loss on Disposal Variance Account was established. The Account will be disposed as part of Group 2 Regulatory Accounts. Hydro Ottawa is not requesting any clearance of the Loss on Disposal Variance Account as part of this Application and the Account does not impact Hydro Ottawa's proposed distribution rates described in Exhibit 8-1-1. Reporting on this variance account can be found in Exhibit 9-1-1.

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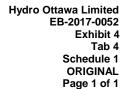
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Lastly, as part of the Approved Settlement Agreement, Hydro Ottawa's new operating centers and administrative facilities, including the disposal of any related existing facilities, will be dealt with through a Y Factor and a Deferral Account. As discussed further in Exhibit 9-1-1, Hydro Ottawa is not filing any amounts related to these Accounts as part of this Application. Hydro Ottawa will also report on the Y Factor and Variance Accounts as part of its 2016 annual report, within its 2016 OEB Scorecard.





TAXES OR PAYMENTS IN LIEU OF TAXES

### 1.0 INTRODUCTION

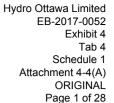
Hydro Ottawa is required to make Payments in Lieu of Taxes ("PILS") based on its taxable income. Hydro Ottawa used the PILS Workform Model supplied by the OEB for 2016 Cost of Service Applications Filers during the interrogatory and settlement phase of its Custom IR Application to calculate the PILS payable for 2016 to 2020. The 2018 model, as submitted with the Approved Settlement Agreement, has been provided in PDF and Excel. No updates have been made.

As per the Approved Settlement Agreement, the Parties agreed that PILS would be set for the period 2016 to 2018. PILS for 2019 and 2020 would be updated in 2018 to reflect the changes related to Cost of Capital. Table 1 below summarizes PILS for 2016 to 2020 under the Approved Settlement Agreement. As noted, 2019 and 2020 will be adjusted in 2018.

Table 1 - Corporate PILS

	2016	2017	2018	2019	2020
	\$000	\$000	\$000	\$000	\$000
Income Tax/PILS	3,755	3,634	4,897	7,197	6,238

Changes in taxes/PILS, as described in the Accounting Procedures Handbook or other Board guidance, will be captured in Account 1592. No amounts are being proposed to be added to Account 1592 as part of this Application. In addition, any PILS impact related to approved Y Factor and Deferral Accounts will be addressed within those Accounts.





No inputs required on this worksheet.

### Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference	
Adjustments required to arrive at taxable income	as below	-19,474,050
Test Year - Payments in Lieu of Taxes (PILs)	<u>T0</u>	3,599,306
Test Year - Grossed-up PILs		4,897,014
Federal Tax Rate	<u>T0</u> <u>T0</u>	15.0%
Ontario Tax Rate	<u>T0</u>	11.5%
Calculation of Adjustments required to arrive at Taxable Income		
Regulatory Income (before income taxes)	<u>T1</u>	33,556,335
Taxable Income	<u>T1</u>	14,082,285
Difference	calculated	-19,474,050 as above



#### Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 4 Schedule 1 Attachment 4-4(A) ORIGINAL Page 2 of 28

### **Income Tax/PILs Workform for 2016 Filers**

Rate Base		s	\$ 912,849,158		
Return on Ratebase					
Deemed ShortTerm Debt %	4.00%	Т	\$ 36,513,966	W = S * T	
Deemed Long Term Debt %	56.00%	U	\$ 511,195,528	X = S * U	
Deemed Equity %	40.00%	V	\$ 365,139,663	Y = S * V	
Short Term Interest Rate	2.16%	Z	\$ 788,702	AC = W * Z	
Long Term Interest	3.65%	AA	\$ 18,653,525	AD = X * AA	
Return on Equity (Regulatory Income)	9.19%	AB	\$ 33,556,335	AE = Y * AB	<u>T1</u>
Return on Rate Base			\$ 52,998,562	AF = AC + AD +	4 <i>E</i>

Questions that must be answered	Historical	Bridge	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	No	No	No
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
<ol> <li>Did the applicant pay dividends?</li> <li>If Yes, please describe what was the tax treatment in the manager's summary.</li> </ol>	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No



Tax Rates Federal & Provincial As of June 15, 2015	Effective January 1, 2012	Effective January 1, 2013	Effective January 1, 2014	Effective January 1, 2015	Effective January 1, 2016
Federal income tax	00.000/	00.000/	00.000/	00.000/	00.000/
General corporate rate	38.00%	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%	28.00%
Rate reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario income tax	11.50%	11.50%	11.50%	11.50%	11.50%
Combined federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business Federal small business threshold Ontario Small Business Threshold	500,000 500,000	500,000 500,000	500,000 500,000	500,000 500,000	500,000 500,000
Federal small business rate	11.00%	11.00%	11.00%	11.00%	10.50%
Ontario small business rate	4.50%	4.50%	4.50%	4.50%	4.50%

#### Notes

- 1. The Ontario Energy Board's proxy for taxable capital is rate base.
- 2. If taxable capital exceds \$15 million the maximum tax rates apply.
- 3. If taxable capital is below \$10 million the minimum tax rates apply.
- 4. Where taxable capital is between \$10 million and \$15 million, the tax rate will be calculated.



Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 4 Schedule 1 Attachment 4-4(A) ORIGINAL Page 4 of 28

### **PILs Tax Provision - Historical Year**

Note: Input the actual information from the tax returns for the historical year.

Regulatory Taxable Income Combined Tax Rate and PILs

Ontario Tax Rate (Maximum 11.5%) Federal tax rate (Maximum 15%) Combined tax rate (Maximum 26.5%)

**Total Income Taxes** 

Investment Tax Credits
Miscellaneous Tax Credits

**Total Tax Credits** 

Corporate PILs/Income Tax Provision for Historical Year

Wires Only

\$ 11,047,405 **A** 

11.50%

15.00%

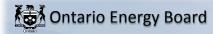
С

26.50% **M** = **K** + **L** 

\$ 2,927,562 E = A \* D

\$ 167,500 G \$ 167,500 H = F + G

\$ 2,760,062 I = H + E



### **Adjusted Taxable Income - Historical Year**

	T2S1 line #	Total for Legal	Non-Distribution	Historic
	1251 line #	Entity	Eliminations	Wires Only
Income before PILs/Taxes	A	30,625,466		30,625,466
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	40,378,861		40,378,861
Amortization of intangible assets	106			0
Recapture of capital cost allowance from Schedule 8	107			0
Gain on sale of eligible capital property from Schedule 10	108			0
Income or loss for tax purposes- joint ventures or partnerships	109			0
Loss in equity of subsidiaries and affiliates	110			C
Loss on disposal of assets	111	1,013,053		1,013,053
Charitable donations	112			(
Taxable Capital Gains	113			C
Political Donations	114			0
Deferred and prepaid expenses	116			C
Scientific research expenditures deducted on financial statements	118			C
Capitalized interest	119			C
Non-deductible club dues and fees	120			(
Non-deductible meals and entertainment expense	121	75,000		75,000
Non-deductible automobile expenses	122			C
Non-deductible life insurance premiums	123			(
Non-deductible company pension plans	124			(
Tax reserves deducted in prior year	125	3,227,504		3,227,504
Reserves from financial statements- balance at end of year	126	5,371,304		5,371,304
Soft costs on construction and renovation of buildings	127			C
Book loss on joint ventures or partnerships	205			(
Capital items expensed	206			
Debt issue expense	208			(

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B			
Development expenses claimed in current year	212		0
Financing fees deducted in books	216		0
Gain on settlement of debt	220		0
Non-deductible advertising	226		0
Non-deductible interest	227		0
Non-deductible legal and accounting fees	228		0
Recapture of SR&ED expenditures	231		0
Share issue expense	235		0
Write down of capital property	236		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		0
Other Additions			
Interest Expensed on Capital Leases	290		0
Realized Income from Deferred Credit Accounts	291		0
Pensions	292	600,000	600,000
Non-deductible penalties	293		0
	294		0
	295		0
ARO Accretion expense			0
Capital Contributions Received (ITA 12(1)(x))			0
Lease Inducements Received (ITA 12(1)(x))			0
Deferred Revenue (ITA 12(1)(a))			0
Prior Year Investment Tax Credits received			0
Current Year Investment Tax Credits received		167,500	167,500

Hydro Ottawa Limited
EB-2017-0052
Exhibit 4
Tab 4
Schedule 1
Attachment 4-4(A)
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lange instant about				0
Impairment charge				(
				(
				(
				(
				(
				0
				C
Total Additions		50,838,222	0	50,838,222
<b>.</b>				
Deductions:				
Gain on disposal of assets per financial statements	401			
Dividends not taxable under section 83	402	22 222 7 12		(
Capital cost allowance from Schedule 8	403	60,268,749		60,268,749
Terminal loss from Schedule 8	404			(
Cumulative eligible capital deduction from Schedule 10	405	948,726		948,726
Allowable business investment loss	406			C
Deferred and prepaid expenses	409			
Scientific research expenses claimed in year	411			C
Tax reserves claimed in current year	413	3,227,504		3,227,504
Reserves from financial statements - balance at beginning of year	414	5,371,304		5,371,304
Contributions to deferred income plans	416	600,000		600,000
Book income of joint venture or partnership	305			C
Equity in income from subsidiary or affiliates	306			C
Other deductions: (Please explain in detail the nature of the item)				
Interest capitalized for accounting deducted for tax	390			(
Capital Lease Payments	391			C
Non-taxable imputed interest income on deferral and variance accounts	392			(
	393			(
	394			(
ARO Payments - Deductible for Tax when Paid				C
ITA 13(7.4) Election - Capital Contributions Received				(
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				C
Deferred Revenue - ITA 20(1)(m) reserve				(
Principal portion of lease payments				(
Lease Inducement Book Amortization credit to income				(
Financing fees for tax ITA 20(1)(e) and (e.1)				(
Tax credits accrued for in current year & deducted in financials in current year				(
				C
				(
				C
				0

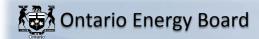
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				0
				0
Total Deductions		70,416,283	0	70,416,283
Net Income for Tax Purposes		11,047,405	0	11,047,405
Charitable donations from Schedule 2	311	0		0
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320			0
Non-capital losses of preceding taxation years from Schedule 4	331			0
Net-capital losses of preceding taxation years from Schedule 4 ( <i>Please include explanation and calculation in Manager's summary</i> )	332			0
Limited partnership losses of preceding taxation years from Schedule 4	335			0
TAXABLE INCOME		11,047,405	0	11,047,405

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<u>B4</u>



Actual Historical

## Income Tax/PILs Workform for 2016 Filers

### Schedule 7-1 Loss Carry Forward - Historical

### **Corporation Loss Continuity and Application**

Non-Capital Loss Carry Forward Deduction	Total	Distribution Portion	Utility Balance	
Actual Historical	0		0	<u>B4</u>
		Non-		1
Net Capital Loss Carry Forward Deduction	Total	Distribution Portion	Utility Balance	



## Income Tax/PILs Workform for 2016 Filer 9 10 of 28

### Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non- Distribution Portion	UCC Regulated Historical Year	Working Paper Reference
1	Distribution System - post 1987	177,991,944		177,991,944	
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	25,513,892		25,513,892	<u>B8</u>
2	Distribution System - pre 1988	56,109,134		56,109,134	<u>B8</u>
8	General Office/Stores Equip	10,546,595		10,546,595	<u>B8</u>
10	Computer Hardware/ Vehicles	4,669,899		4,669,899	<u>B8</u>
10.1	Certain Automobiles			0	<u>B8</u>
12	Computer Software	2,873,320		2,873,320	<u>B8</u>
13 <sub>1</sub>	Lease # 1			0	<u>B8</u>
13 <sub>2</sub>	Lease #2			0	<u>B8</u>
13 <sub>3</sub>	Lease # 3			0	<u>B8</u>
13 4	Lease # 4			0	B8 B8 B8 B8 B8 B8 B8 B8 B8 B8 B8 B8 B8 B
14	Franchise			0	B8
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs			0	B8
42	Fibre Optic Cable	287,834		287,834	B8
43.1	Certain Energy-Efficient Electrical Generating Equipment			0	<u>B8</u>
43.2	Certain Clean Energy Generation Equipment	0		0	<u>B8</u>
45	Computers & Systems Software acq'd post Mar 22/04	7,907		7,907	<u>B8</u>
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			0	<u>B8</u>
47	Distribution System - post February 2005	425,251,380		425,251,380	<u>B8</u>
50	Data Network Infrastructure Equipment - post Mar 2007	2,983,989		2,983,989	<u>B8</u>
52	Computer Hardware and system software			0	<u>B8</u>
95	CWIP			0	
3	Building - pre 1988	8,730,589		8,730,589	1
				0	1
				0	ļ
				0	ļ
				0	ļ
				0	ļ
				0	ļ
				0	ļ
				0	ļ
				0	ļ
	SUB-TOTAL - UCC	714,966,480	0	714,966,480	



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### Income Tax/PILs Workform for 2016 Filers

### Schedule 10 CEC - Historical Year

Cumulative Eligible Capital				13,270,737	
Additions Cost of Eligible Capital Property Acquired during Test Year	376,655				
Other Adjustments	0				
Subtotal	376,655	x 3/4 =	282,491		
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	x 1/2 =	0 282,491	282,491	
Amount transferred on amalgamation or wind-up of subsidiary	0	=	,	0	
Subtota	l		-	13,553,228	
<u>Deductions</u>					
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year					
Other Adjustments	0				
Subtota	0	x 3/4 =	-	0	
Cumulative Eligible Capital Balance				13,553,228	
Current Year Deduction		13,553,228	x 7% =	948,726	
Cumulative Eligible Capital - Closing Balance				12,604,502	<u>B10</u>

B13 B13 B13 B13 B13 B13

B13 B13

B13 B13 B13 B13 B13 B13 B13 B13 B13 B13

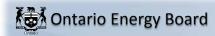


## Income Tax/PILs Workform for 2016 Filers 12 of 28

### Schedule 13 Tax Reserves - Historical

### **Continuity of Reserves**

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only
	per tax returns	l l	
Capital Gains Reserves ss.40(1)			0
Tax Reserves Not Deducted for accounting	purposes		-
Reserve for doubtful accounts ss. 20(1)(I)	3,227,504		3,227,504
Reserve for goods and services not delivered			
ss. 20(1)(m)			0
Reserve for unpaid amounts ss. 20(1)(n)			0
Debt & Share Issue Expenses ss. 20(1)(e)			0
Other tax reserves			0
			0
			0
			0
			0
			0
Total	3,227,504	0	3,227,504
Financial Statement Reserves (not deductib	le for Tax Purposes)		
General Reserve for Inventory Obsolescence			0
(non-specific)			0
General reserve for bad debts	3,828,062		3,828,062
Accrued Employee Future Benefits:			0
- Medical and Life Insurance			0
-Short & Long-term Disability			0
-Accmulated Sick Leave			0
- Termination Cost			0
- Other Post-Employment Benefits			0
Provision for Environmental Costs			0
Restructuring Costs			0
Accrued Contingent Litigation Costs			0
Accrued Self-Insurance Costs			0
Other Contingent Liabilities	1,543,242		1,543,242
Bonuses Accrued and Not Paid Within 180			0
Days of Year-End ss. 78(4)			
Unpaid Amounts to Related Person and Not			0
Paid Within 3 Taxation Years ss. 78(1)			0
Other			0
			0
			0
			0
Total	5,371,304	0	5,371,304



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### **Income Tax/PILs Workform for 2016 Filers**

### **PILS Tax Provision - Bridge Year**

Regulatory Taxable Income

Combined Tax Rate and PILsEffective Ontario Tax Rate11.50%BFederal tax rate (Maximum 15%)15.00%C

Federal tax rate (Maximum 15%) 15.00% Combined tax rate

**Total Income Taxes** 

Investment Tax Credits
Miscellaneous Tax Credits

**Total Tax Credits** 

Corporate PILs/Income Tax Provision for Bridge Year

#### Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Reference \$ 10,806,045 A

**Wires Only** 

26.50% **D** = **B** + **C** 

alculated \$ 2,863,602 E = A \* D

	F
\$ 192,500	G
\$ 192,500	H = F + G
	-

\$ 2,671,102 I = H + E



## Income Tax/PILs Workform for 2016 Filers 128

### Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	Α		31,971,974
T			
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		43,558,281
Amortization of intangible assets	106		
Recapture of capital cost allowance from Schedule 8	107		
Gain on sale of eligible capital property from Schedule 10	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,013,053
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		75,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves deducted in prior year	125	B13	3,227,504
Reserves from financial statements- balance at end of year	126	<u>B13</u>	5,371,304
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		



## Income Tax/PILs Workform for 2016 Filers 128

### Adjusted Taxable Income - Bridge Year

Other Additions			
Interest Expensed on Capital Leases	290		
Realized Income from Deferred Credit	004		
Accounts	291		
Pensions	292		600,000
Non-deductible penalties	293		,
	294		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))		1	
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits Received			192,500
Total Additions			54,042,642
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	B8	65,124,596
Terminal loss from Schedule 8	404		00,121,000
Cumulative eligible capital deduction from	404		
Schedule 10	405	<u>B10</u>	885,167
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411	B.(0	2 227 724
Tax reserves claimed in current year	413	<u>B13</u>	3,227,504
Reserves from financial statements - balance at beginning of year	414	<u>B13</u>	5,371,304
Contributions to deferred income plans	416		600,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions: (Please explain in detail the nature of the item)			
, , , , , , , , , , , , , , , , , , ,			
		1	



## Income Tax/PILs Workform for 2016 Filers 128

### Adjusted Taxable Income - Bridge Year

Interest capitalized for accounting deducted for tax	390		
Capital Lease Payments	391		
Non-taxable imputed interest income on	202		
deferral and variance accounts	392		
	393		
	394		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	75,208,570
Net Income for Tax Purposes		calculated	10,806,045
Charitable donations from Schedule 2	311	Calculated	.0,000,040
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320		
Non-capital losses of preceding taxation years from Schedule 4	331	<u>B4</u>	0
Net-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary)	332		
Limited partnership losses of preceding taxation years from Schedule 4	335		
	ı	T	1
TAXABLE INCOME		calculated	10,806,045

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### Income Tax/PILs Workform for 2016 Filers

### **Corporation Loss Continuity and Application**

### Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		Total
Actual Historical	<u>H4</u>	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year		
Other Adjustments Add (+) Deduct (-)	<u>B1</u>	0
Balance available for use in Test Year	calculated	0
Amount to be used in Bridge Year	<u>B1</u>	0
Balance available for use post Bridge Year	calculated	0

 Net Capital Loss Carry Forward Deduction
 Total

 Actual Historical
 H4
 C

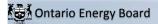
 Application of Loss Carry Forward to reduce taxable income in Bridge Year
 C

 Other Adjustments Add (+) Deduct (-)
 Eslance available for use in Test Year
 Calculated
 C

 Amount to be used in Bridge Year
 Balance available for use post Bridge Year
 Calculated
 C

<u>T4</u>

<u>T4</u>



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#### Schedule 8 CCA - Bridge Year

Class	Class Description	Working Paper Reference	UCC Regulated Historical Year	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Bridge Year CCA		UCC End of Bridge Year
1	Distribution System - post 1987	<u>H8</u>	\$ 177,991,944			\$ 177,991,944	\$ -	\$ 177,991,944	4%	\$ 7,119,678		\$ 170,872,266
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	<u>H8</u>	\$ 25,513,892	\$ 2,500,925		\$ 28,014,817	\$ 1,250,463	\$ 26,764,354	6%	\$ 1,605,861		\$ 26,408,955
	Distribution System - pre 1988	H8	\$ 56,109,134			\$ 56,109,134	\$ -	\$ 56,109,134	6%	\$ 3,366,548	,	\$ 52,742,586
8	General Office/Stores Equip	<u>H8</u>	\$ 10,546,595	\$ 5,659,176		\$ 16,205,771	\$ 2,829,588	\$ 13,376,183	20%	\$ 2,675,237		\$ 13,530,534
10	Computer Hardware/ Vehicles	<u>H8</u>	\$ 4,669,899	\$ 1,035,059		\$ 5,704,958	\$ 517,530	\$ 5,187,428	30%	\$ 1,556,229		\$ 4,148,729
10.1	Certain Automobiles	<u>H8</u>				\$ -	\$ -	\$ -	30%	\$ -		\$ -
12	Computer Software	H8	\$ 2,873,320	\$ 14,487,488		\$ 17,360,808	\$ 7,243,744	\$ 10,117,064	100%	\$ 10,117,064	.	\$ 7,243,744
13 1	Lease # 1	H8				\$ -	\$ -	\$ -		\$ -		\$ -
13 2	Lease #2	<u>H8</u>				\$ -	\$ -	\$ -		\$ -		\$ -
13 3	Lease # 3	<u>H8</u>				\$ -	\$ -	\$ -		\$ -		\$ -
13 4	Lease # 4	H8				\$ -	\$ -	\$ -		\$ -		\$ -
14	Franchise	H8				\$ -	\$ -	\$ -		\$ -		\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	<u>H8</u>				\$ -	\$ -	\$ -	8%	\$ -		\$ -
42	Fibre Optic Cable	<u>H8</u>	\$ 287,834			\$ 287,834	\$ -	\$ 287,834	12%	\$ 34,540		\$ 253,294
	Certain Energy-Efficient Electrical Generating Equipment	H8				\$ -	\$ -	\$ -	30%	\$ -		\$ -
43.2	Certain Clean Energy Generation Equipment	H8	\$ -			\$ -	\$ -	\$ -	50%	\$ -		\$ -
45	Computers & Systems Software acq'd post Mar 22/04	<u>H8</u>	\$ 7,907			\$ 7,907	\$ -	\$ 7,907	45%	\$ 3,558	,	\$ 4,349
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	<u>H8</u>				\$ -	\$ -	\$ -	30%	\$ -		\$ -
47	Distribution System - post February 2005	H8	\$ 425,251,380	\$ 57,120,445		\$ 482,371,825	\$ 28,560,223	\$ 453,811,602	8%	\$ 36,304,928	,	\$ 446,066,896
50	Data Network Infrastructure Equipment - post Mar 2007	H8	\$ 2,983,989	\$ 957,202		\$ 3,941,191	\$ 478,601	\$ 3,462,590	55%	\$ 1,904,424	.	\$ 2,036,766
52	Computer Hardware and system software	<u>H8</u>				\$ -	\$ -	\$ -	100%	\$ -		\$ -
95	CWIP	<u>H8</u>				\$ -	\$ -	\$ -		\$ -		\$ -
3	Building - pre 1988		\$ 8,730,589			\$ 8,730,589	\$ -	\$ 8,730,589	5%	\$ 436,529	T = T	\$ 8,294,060
						\$ -	\$ -	\$ -	10%	\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -		\$ -
						\$ -	\$ -	\$ -		\$ -	1	\$ -
	TOTAL		\$ 714,966,480	\$ 81,760,295	\$ -	\$ 796,726,775	\$ 40,880,148	\$ 755,846,628		\$ 65,124,596	B1	\$ 731,602,180

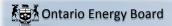


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## Income Tax/PILs Workform for 2016 Fiter of 28

### Schedule 10 CEC - Bridge Year

		F	Reference	
Cumulative Eligible Capital			<u>H10</u>	12,604,502
Additions				
Cost of Eligible Capital Property Acquired during Test Year	54,317			
Other Adjustments	0			
Subtotal	54,317	x 3/4 =	40,738	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	x 1/2 =	0	
		=	40,738	40,738
Amount transferred on amalgamation or wind-up of subsidiary	0			0
Subtotal			-	12,645,240
<u>Deductions</u>				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year				
Other Adjustments	0			
Subtotal	0	x 3/4 =	-	0
Cumulative Eligible Capital Balance				12,645,240
Current Year Deduction		12,645,240	x 7% =	885,167
Cumulative Eligible Capital - Closing Balance				11,760,073



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### Schedule 13 Tax Reserves - Bridge Year

### **Continuity of Reserves**

·					Bridge Year Adjustments		<u>[</u>				
Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Additions	Disposals	Balance for Bridge Year		Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	<u>H13</u>	0		0				0	<u>T13</u>	0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(I)	<u>H13</u>	3,227,504		3,227,504				3,227,504	<u>T13</u>	0	
Reserve for goods and services not delivered ss. 20(1)(m)	<u>H13</u>	0		0					<u>T13</u>	0	
Reserve for unpaid amounts ss. 20(1)(n)	<u>H13</u>	0		0				0	<u>T13</u>	0	
Debt & Share Issue Expenses ss. 20(1)(e)	<u>H13</u>	0		0				0	<u>T13</u>	0	
Other tax reserves	<u>H13</u>	0		0				0	<u>T13</u>	0	
		0		0				0		0	
		0		0				0		0	
Total		3,227,504	0	3,227,504	<u>B1</u>	0	0	3,227,504	<u>B1</u>	0	0
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	<u>H13</u>	0		0					<u>T13</u>	0	
General reserve for bad debts	<u>H13</u>	3,828,062		3,828,062				3,828,062	T13	0	
Accrued Employee Future Benefits:	<u>H13</u>	0		0				0	T13	0	
- Medical and Life Insurance	<u>H13</u>	0		0				0	<u>T13</u>	0	
-Short & Long-term Disability	<u>H13</u>	0		0				0	<u>T13</u>	0	
-Accmulated Sick Leave	<u>H13</u>	0		0				0	<u>T13</u>	0	
- Termination Cost	<u>H13</u>	0		0				0	<u>T13</u>	0	
- Other Post-Employment Benefits	<u>H13</u>	0		0				0	<u>T13</u>	0	
Provision for Environmental Costs	<u>H13</u>	0		0				0	<u>T13</u>	0	
Restructuring Costs	<u>H13</u>	0		0				0	<u>T13</u>	0	
Accrued Contingent Litigation Costs	<u>H13</u>	0		0				0	<u>T13</u>	0	
Accrued Self-Insurance Costs	<u>H13</u>	0		0				0	<u>T13</u>	0	
Other Contingent Liabilities	<u>H13</u>	1,543,242		1,543,242				1,543,242	<u>T13</u>	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	<u>H13</u>	0		0				0	<u>T13</u>	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	<u>H13</u>	0		0				0	<u>T13</u>	0	
Other	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		5,371,304	0	5,371,304	<u>B1</u>	0	0	5,371,304	<u>B1</u>	0	0



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**Wires Only** 

### PILs Tax Provision - Test Year

Regulatory Taxable Income			<u>T1</u>	\$ 14,082,285 <b>A</b>
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%) Federal tax rate (Maximum 15%) Combined tax rate (Maximum 26.5%)	11.50% 15.00%	B C	26.50% <b>D</b> = <b>B</b> + <b>C</b>
Total Income Taxes  Investment Tax Credits  Miscellaneous Tax Credits  Total Tax Credits				\$ 3,731,806 E = A * D  F \$ 132,500 G \$ 132,500 H = F + G
Corporate PILs/Income Tax Provis	ion for Test Year			\$ 3,599,306 I = H + E
Corporate PILs/Income Tax Provisio	n Gross Up <sup>1</sup>	73.50%	J	\$ 1,297,709 K = J * I
Income Tax (grossed-up)				\$ 4,897,014 L = K + I

#### Note:

<sup>1.</sup> This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Schedule 1



## Income Tax/PILs Workform for 2016 Filers ORIGINAL ORIGINAL Page 22 of 28

### Taxable Income - Test Year

Taxable modific - Test Tear	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes	<u>A.</u>	33,556,335

NCC IIICOIIIC DCIOIC TUXCS			00,000,000
	T2 S1 line #		
Additions:	12 S1 line #		
Interest and penalties on taxes	100		F 000
Amortization of tangible assets	103		5,000
2-4 ADJUSTED ACCOUNTING DATA P489	104		46,388,393
Amortization of intangible assets 2-4 ADJUSTED ACCOUNTING DATA P490	106		
Recapture of capital cost allowance from Schedule 8	107		
Gain on sale of eligible capital property from Schedule 10	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,013,053
Charitable donations	112		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		75,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	3,227,504
Reserves from financial statements- balance at end of year	126	<u>T13</u>	5,371,304
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
	235		
Share issue expense			

Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and	237		
12(1)(z.2) Other Additions: (please explain in detail the			
nature of the item) Interest Expensed on Capital Leases	290		
Realized Income from Deferred Credit Accounts	291		
Pensions	292		600,000
Non-deductible penalties	293		
	294		
	295		
	296		
	297		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits received			132,500
Total Additions			56,812,754
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	66,246,978
Terminal loss from Schedule 8	404		
Cumulative eligible capital deduction from	405	<u>T10</u>	841,018
Schedule 10 CEC Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	3,227,504
Reserves from financial statements - balance at	414		
beginning of year		<u>T13</u>	5,371,304
Contributions to deferred income plans	416		600,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions: (Please explain in detail the nature of the item)			
Interest capitalized for accounting deducted for	390		
tax		ļ	

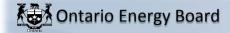
Capital Lease Payments

Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 4 Schedule 1 Attachment 4-4(A) ORIGINAL Page 23 of 28

Non-taxable imputed interest income on deferral and variance accounts	392		
	393		
	394		
	395		
	396		
	397		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to			
income Financing fees for tax ITA 20(1)(e) and (e.1)			
Tinanoing rees for tax TTA 20(1)(c) and (c.1)			
Total Deductions		calculated	76,286,80
NET INCOME FOR TAX PURPOSES		calculated	14,082,28
			,,
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of preceding taxation years from Schedule 7-1	331	<u>T4</u>	
Net-capital losses of preceding taxation years (Please show calculation)	332		
Limited partnership losses of preceding taxation years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	14,082,28

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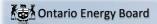
### Income Tax/PILs Workform for 2016 Filers

### Schedule 7-1 Loss Carry Forward - Test Year

### **Corporation Loss Continuity and Application**

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non- Distribution Portion	Utility Balance
Actual/Estimated Bridge Year	<u>B4</u>	0		0
				0
Other Adjustments Add (+) Deduct (-)	<u>T1</u>	0		0
Balance available for use in Test Year	calculated	0	0	0
Amount to be used in Test Year	<u>T1</u>	0		0
Balance available for use post Test Year	calculated	0	0	0

Net Capital Loss Carry Forward Deduction		Total	Non- Distribution Portion	Utility Balance
Actual/Estimated Bridge Year	<u>B4</u>	0		0
				0
Other Adjustments Add (+) Deduct (-)				0
Balance available for use in Test Year	calculated	0	0	0
Amount to be used in Test Year				0
Balance available for use post Test Year	calculated	0	0	0



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Schedule 8 CCA - Test Year

Class	Class Description	Working Paper Reference	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA		UCC End of Test Year
1	Distribution System - post 1987	<u>B8</u>	\$ 170,872,266			\$ 170,872,266	\$ -	\$ 170,872,266	4%	\$ 6,834,891		\$ 164,037,376
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	<u>B8</u>	\$ 26,408,955	2,929,713		\$ 29,338,668	\$ 1,464,857	\$ 27,873,812	6%	\$ 1,672,429		\$ 27,666,240
2	Distribution System - pre 1988	<u>B8</u>	\$ 52,742,586			\$ 52,742,586	\$ -	\$ 52,742,586	6%	\$ 3,164,555		\$ 49,578,031
8	General Office/Stores Equip	<u>B8</u>	\$ 13,530,534	4,303,997		\$ 17,834,531	\$ 2,151,999	\$ 15,682,533	20%	\$ 3,136,507		\$ 14,698,025
10	Computer Hardware/ Vehicles	<u>B8</u>	\$ 4,148,729	1,451,508		\$ 5,600,237	\$ 725,754	\$ 4,874,483	30%	\$ 1,462,345		\$ 4,137,892
10.1	Certain Automobiles	<u>B8</u>	\$ -			\$ -	\$ -	\$ -	30%	\$ -		\$ -
12	Computer Software	<u>B8</u>	\$ 7,243,744	4,427,066		\$ 11,670,810	\$ 2,213,533	\$ 9,457,277	100%	\$ 9,457,277		\$ 2,213,533
13 1	Lease # 1	<u>B8</u>	\$ -			\$ -	\$ -	\$ -		\$ -		\$ -
13 2	Lease #2	<u>B8</u>	\$ -			\$ -	\$ -	\$ -		\$ -		\$ -
13 3	Lease # 3	<u>B8</u>	\$ -			\$ -	\$ -	\$ -		\$ -		\$ -
13 4	Lease # 4	<u>B8</u>	\$ -			\$ -	\$ -	\$ -		\$ -		\$ -
14	Franchise	<u>B8</u>	\$ -			\$ -	\$ -	\$ -		\$ -		\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than BI	<u>B8</u>	\$ -			\$ -	\$ -	\$ -	8%	\$ -		\$ -
42	Fibre Optic Cable	<u>B8</u>	\$ 253,294			\$ 253,294	\$ -	\$ 253,294	12%	\$ 30,395		\$ 222,898
43.1	Certain Energy-Efficient Electrical Generating Equipment	B8	\$ -			\$ -	\$ -	\$ -	30%	\$ -		\$ -
43.2	Certain Clean Energy Generation Equipment	<u>B8</u>	\$ -			\$ -	\$ -	\$ -	50%	\$ -		\$ -
45	Computers & Systems Software acq'd post Mar 22/04	<u>B8</u>	\$ 4,349			\$ 4,349	\$ -	\$ 4,349	45%	\$ 1,957		\$ 2,392
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	<u>B8</u>	\$ -			\$ -	\$ -	\$ -	30%	\$ -		\$ -
47	Distribution System - post February 2005	<u>B8</u>	\$ 446,066,896	74,671,869		\$ 520,738,765	\$ 37,335,935	\$ 483,402,831	8%	\$ 38,672,226		\$ 482,066,539
50	Data Network Infrastructure Equipment - post Mar 2007	<u>B8</u>	\$ 2,036,766	1,016,261		\$ 3,053,027	\$ 508,131	\$ 2,544,897	55%	\$ 1,399,693		\$ 1,653,334
52	Computer Hardware and system software	<u>B8</u>	\$ -			\$ -	\$ -	\$ -	100%	\$ -		\$ -
95	CWIP	<u>B8</u>	\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
3	Building - pre 1988		\$ 8,294,060			\$ 8,294,060	\$ -	\$ 8,294,060	5%	\$ 414,703		\$ 7,879,357
			\$ -			\$ -	\$ -	\$ -	10%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -	:	\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
			\$ -			\$ -	\$ -	\$ -	0%	\$ -		\$ -
	TOTAL		\$ 731,602,180	\$ 88,800,414	\$ -	\$ 820,402,594	\$ 44,400,207	\$ 776,002,387		\$ 66,246,978	<u>T1</u> :	\$ 754,155,616

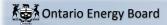


Hydro Ottawa Limited EB-2017-0052 Exhibit 4 Tab 4 Schedule 1 Attachment 4-4(A)

## Income Tax/PILs Workform for 2016 Fiters

### Schedule 10 CEC - Test Year

Cumulative Eligible Capital				<u>B10</u>	11,760,073
Additions  Cost of Eligible Capital Property Acquired during Test Year		339,288			
Other Adjustments		0			
	Subtotal	339,288	x 3/4 =	254,466	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	ie	0	x 1/2 =	0	
			=	254,466	254,466
Amount transferred on amalgamation or wind-up of subsidiary		0			0
	Subtotal			·-	12,014,539
<u>Deductions</u>					
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year		0			
Other Adjustments		0			
	Subtotal	0	x 3/4 =	-	0
Cumulative Eligible Capital Balance					12,014,539
Current Year Deduction (Carry Forward to Tab "Test Year Taxable In	ncome")		12,014,539	x 7% =	841,018
Cumulative Eligible Capital - Closing Balance					11,173,522

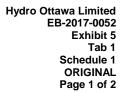


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### Schedule 13 Tax Reserves - Test Year

### **Continuity of Reserves**

•						Test Year A	Adjustments	1			
Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Additions	Disposals	Balance for Test Year		Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	B13	0	1	0				1 0		1 0	1
Tax Reserves Not Deducted for accounting purposes	DIO	0		0				0			
Reserve for doubtful accounts ss. 20(1)(I)	B13	3,227,504	1	3,227,504		0	0	3,227,504		0	1
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0,227,004		0,227,004		·		0,227,004		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
Other tax reserves	<u> </u>	0		0				0		0	
		0		0				0		0	
Total		3,227,504	0	3,227,504	<u>T1</u>	0	0	3,227,504	<u>T1</u>	0	(
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	<u>B13</u>	0		0				0		0	
General reserve for bad debts	<u>B13</u>	3,828,062		3,828,062				3,828,062		0	
Accrued Employee Future Benefits:	<u>B13</u>	0		0				0		0	
- Medical and Life Insurance	<u>B13</u>	0		0				0		0	
-Short & Long-term Disability	<u>B13</u>	0		0				0		0	
-Accmulated Sick Leave	<u>B13</u>	0		0				0		0	
- Termination Cost	<u>B13</u>	0		0				0		0	
- Other Post-Employment Benefits	<u>B13</u>	0		0				0		0	
Provision for Environmental Costs	<u>B13</u>	0		0				0		0	
Restructuring Costs	<u>B13</u>	0		0				0		0	
Accrued Contingent Litigation Costs	<u>B13</u>	0		0				0		0	
Accrued Self-Insurance Costs	<u>B13</u>	0		0				0		0	
Other Contingent Liabilities	<u>B13</u>	1,543,242		1,543,242				1,543,242		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	<u>B13</u>	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	<u>B13</u>	0		0				0		0	
Other	<u>B13</u>	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		5,371,304	0	5,371,304	<u>T1</u>	0	0	5,371,304	<u>T1</u>	0	(

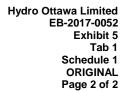




1	COST OF CAPITAL AND CAPITAL STRUCTURE
2	
3	1.0 CAPITAL STRUCTURE
4	
5	Hydro Ottawa's capital structure is set in accordance with the OEB guidelines provided
6	in the Report of the Board on Cost of Capital for Ontario's Regulated Utilities, issued on
7	December 11, 2009. Hydro Ottawa targets a 60:40 debt to equity range. The 60% debt
8	component is made up of 56% long-term debt and 4% short-term debt.
9	
10	As part of the Approved Settlement Agreement, Parties accepted "the reasonableness of
11	Hydro Ottawa's proposals as originally set out in its pre-filed evidence and modified and
12	enhanced in the Settlement Agreement."1
13	
14	The Parties also agreed that if the OEB changed its policy governing cost of capital
15	parameters during Hydro Ottawa's Custom IR term, including any changes made in
16	respect of deemed capital structure, Hydro Ottawa would follow any mandated direction
17	given by the OEB with respect to implementation of such changes during the Custom IR
18	period. No such changes have been mandated.
19	
20	The incorporation of the Approved Settlement Agreement in Hydro Ottawa's proposed
21	2018 rates is described below.
22	
23	1.1 Short-Term Debt
24	
25	As per the Approved Settlement Agreement, the short-term rate incorporated in 2018
26	rates is 2.16%. Hydro Ottawa's intention in maintaining the rate for a three-year period,
27	ending December 31, 2018, is to provide regulatory efficiency and rate stability.
28	
29	
30	

<sup>1</sup> Approved Settlement Agreement, p. 23.

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### 1.2 Long-Term Debt

As per the Approved Settlement Agreement, the Parties agreed that the long-term rate would be set for the period 2016 to 2018. The forecast rates for 2019 and 2020 would be re-set in 2018 using the new consensus long term forecast, to be issued in October 2018. The long-term rate incorporated in 2018 rates is 3.649%. Hydro Ottawa's intention in setting rates for a three-year period, ending December 31, 2018, is to provide regulatory efficiency and rate stability.

Table 1 reflects the long-term interest rates per the Approved Settlement Agreement. As noted above, the rates for 2019 and 2020 will be adjusted in 2018.

**Table 1 – Long Term Interest** 

	2016	2017	2018	2019	2020
Long Term Interest	3.528%	3.585%	3.649%	3.717%	3.747%

### 2.0 RETURN ON EQUITY ("ROE")

Per the Approved Settlement Agreement, 2018 proposed rates use the deemed ROE for 2016 Cost of Service applications of 9.19%, as communicated through the October 15, 2015 Cost of Capital Parameters letter from the OEB. The Parties agreed that the ROE rate of 9.19% would be used for the three years beginning in 2016 and ending in 2018. In 2018, Hydro Ottawa will update its cost of capital for 2019 and 2020 using the applicable level of ROE for electricity distributors established by the OEB.



Hydro Ottawa Limited EB-2017-0052 Exhibit 6 Tab 1 Schedule 1 ORIGINAL Page 1 of 3

### **CALCULATION OF REVENUE DEFICIENCY OR SUFFICIENCY**

2

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### 1.0 INTRODUCTION

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This Exhibit provides a summary of the revenue requirement approved as part of the Approved Settlement Agreement and Pole Attachment Decision. The period 2016 to 2018 has been set for the three years, while 2019 and 2020 will be adjusted as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018. The 2019 and 2020 adjustments are described in the relevant Exhibits and are not discussed within this Exhibit.

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Hydro Ottawa's total Service Revenue Requirement is offset by revenues obtained by sources other than distribution rates – i.e. other revenue. The calculation of the revenue deficiency/sufficiency does not include the recovery of Deferral and Variance Accounts or Low Voltage Charges. As directed in Chapter 2 of the *Filing Requirements for Electricity Distribution Rate Applications*, costs and revenues related to the cost of power are kept separate from the determination of the distribution revenue deficiency/sufficiency.

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- The revenue deficiency/sufficiency for 2016 through 2020 is calculated using the following inputs:
- 22 2015 approved rates;
  - 2016 through 2020 approved load forecast and forecast of customers and connections, as developed using the methodology described in Exhibit 3-1-1; and
  - 2016 through 2020 base revenue requirement, calculated as shown in Table 1 below (more details for the 2018 year can be found in the Revenue Requirement Workform attached to this Exhibit, Attachment 6-1-A 2018 Revenue Requirement Workform).

282930

31

The revenue deficiency/sufficiency is determined by calculating what the revenue would have been with 2015 rates and the forecasted 2016 through 2020 load and customer



Hydro Ottawa Limited EB-2017-0052 Exhibit 6 Tab 1 Schedule 1 ORIGINAL Page 2 of 3

numbers. As a result, revenue deficiency in Table 1 and the Revenue Requirement Workform produce a cumulative revenue requirement rather than a year-over-year revenue requirement based on the previous year's proposed rates. Hydro Ottawa continues to compile the analysis in this manner in order to provide a stable base for comparison to its Custom IR Application. In Table 1, a year-over-year revenue deficiency has also been provided based on 2015 rates.

Hydro Ottawa has made one modification to the 2018 Revenue Requirement Workform. The modification involved removal of the max formula in cells F34 and N34 Income Tax on Taxable Income, on Tab "8. Rev\_Def\_Suff". By removing the max formula, this allows a negative amount to be populated in the cell. The amounts in these cells flow into multiple calculations on Tab "8. Rev\_Def\_Suff", one of which is Gross Revenue Deficiency/(Sufficiency). Although this is a presentation issue on this tab alone and does not drive the rate calculations on Tab "12. Res\_Rate\_Design", Hydro Ottawa made this change in order to have Gross Revenue Deficiency/(Sufficiency) match what Hydro Ottawa's Revenue Deficiency/(Sufficiency) is for 2018, as well as what is presented in this Exhibit. In addition, this modification ensures that Gross Revenue Deficiency/(Sufficiency) is similarly presented on all tabs within the Revenue Requirement Workform.

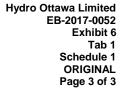




Table 1 – Revenue Sufficiency/Deficiency<sup>1</sup>

	\$000	\$000	\$000	\$000	\$000
	2016	2017	2018	2019	2020
Return on Rate Base	47,805	50,185	52,999	54,706	57,072
Distribution Expenses (not including amortization)	83,106	84,693	86,311	87,959	89,639
Amortization	40,379	43,558	46,388	48,158	49,384
Payment in Lieu of Taxes	3,755	3,634	4,897	7,197	6,238
Service Revenue Requirement	175,045	182,070	190,594	198,020	202,332
Less Revenue Offsets: Per Approved Settlement Adjustment per Pole Attachment Decision	11,697 (225)	11,563 (225)		11,799 (282)	11,895 (282)
Base Revenue Requirement	163,573	170,733	179,157	186,502	190,718
Transformer Ownership Allowance	1,125	1,114	1,109	1,106	1,105
Revenue Requirement from Rates	164,698	171,847	180,266	187,609	191,824
Forecasted Load at 2015 Rates	159,360	158,986	159,421	159,977	160,464
Cumulative Revenue Deficiency (over 2015)	(5,338)	(12,861)	(20,845)	(27,632)	(31,360)
Yearly Revenue Deficiency over 2015	(5,338)	(7,523)	(7,984)	(6,787)	(3,728)

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<sup>&</sup>lt;sup>1</sup> As noted, some adjustments will occur related to 2019 and 2020 as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018. As a result, not all inputs are set, and Revenue Deficiency for 2019 and 2020 are not final approved numbers.

### Revenue Requirement Workform (RRWF) for 2018 Filers

Hydro Ottawa Limited EB-2017-0052 Exhibit 6 Tab 1 Schedule 1 Attachment 6-1(A) **ORIGINAL** Page 1 of 16

Data Input (1)

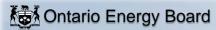
		Initial Application	(2)			(6)	Per Board Decision	_
1	Rate Base							
	Gross Fixed Assets (average) Accumulated Depreciation (average) Allowance for Working Capital:	\$1,006,329,396 (\$175,362,686)	(10) (5)		006,329,396 175,362,686)		\$1,006,329,396 (\$175,362,686)	
	Controllable Expenses Cost of Power	\$86,310,514 \$947,558,773	(10) (10) (9)	\$ \$	86,310,514 947,558,773	(9)	\$86,310,514 \$947,558,773	(0)
	Working Capital Rate (%)	7.92%	(9)			(9)	7.92%	(9)
2	Utility Income Operating Revenues:							
	Distribution Revenue at Current Rates Distribution Revenue at Proposed Rates Other Revenue:	\$158,312,045 \$179,156,727	(11) (12)				\$158,312,045 \$179,156,727	
	Specific Service Charges Late Payment Charges Other Distribution Revenue	\$5,730,697 \$720,000 \$1,469,736	(12) (10) (10)				\$5,730,697 \$720,000 \$1,469,736	
	Other Income and Deductions	\$3,517,323	(10)				\$3,517,323	
	Total Revenue Offsets	\$11,437,756	(7)				\$11,437,756	
	Operating Expenses:							
	OM+A Expenses Depreciation/Amortization Property taxes	\$84,084,971 \$46,388,393 \$2,225,544	(10) (10) (10)	\$ \$ \$	84,084,971 46,388,393 2,225,544		\$84,084,971 \$46,388,393 \$2,225,544	
	Other expenses							
3	Taxes/PILs							
	Taxable Income: Adjustments required to arrive at taxable income	(\$19,474,050)	(3)				(\$19,474,050)	
	Utility Income Taxes and Rates: Income taxes (not grossed up)	\$3.599.306	(10)				\$3.599.306	
	Income taxes (grossed up)	\$4,897,015	(10)				\$4,897,015	
	Federal tax (%) Provincial tax (%)	15.00% 11.50%	(10) (10)				15.00% 11.50%	
	Income Tax Credits	(\$132,500)					(\$132,500)	
4	Capitalization/Cost of Capital							
	Capital Structure: Long-term debt Capitalization Ratio (%)	56.0%	(10)				56.0%	
	Short-term debt Capitalization Ratio (%)	4.0%				(8)	4.0%	(8)
	Common Equity Capitalization Ratio (%) Prefered Shares Capitalization Ratio (%)	40.0%	(10)				40.0%	
	Prefered Shares Capitalization Ratio (%)	100.0%					100.0%	
	Cost of Capital	0.070	(40)				0.0501	
	Long-term debt Cost Rate (%) Short-term debt Cost Rate (%)	3.65% 2.16%	(10) (10)				3.65% 2.16%	
	Common Equity Cost Rate (%) Prefered Shares Cost Rate (%)	9.19%					9.19%	

Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.

- All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- Net of addbacks and deductions to arrive at taxable income.
- Average of Gross Fixed Assets at beginning and end of the Test Year
- Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- 4.0% unless an Applicant has proposed or been approved for another amount.
- The default Working Capital Allowance factor is 7.5% (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, a WCA factor based on lead-lag study, with supporting rationale could be provided.

  - (10) Per Approved Settlement Agreement(11) Per Approved Settlement Agreement Revenue at current rates minus Transformer Ownership Allowance
  - (12) Adjusted per Pole Attachment Decision

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# Revenue Requirement Workform (RRWF) for 2018 Filers

### **Rate Base and Working Capital**

D	ata	R	2	•	c

	itate Date						
Line No.	Particulars	Initial Application				Per Board Decision	
1	Gross Fixed Assets (average)	<sup>2)</sup> \$1,006,329,396	\$ -	\$1,006,329,396	\$ -	\$1,006,329,396	
2	Accumulated Depreciation (average)	<sup>2)</sup> (\$175,362,686)	\$ -	(\$175,362,686)	\$ -	(\$175,362,686)	
3	Net Fixed Assets (average)	\$830,966,710	\$ -	\$830,966,710	\$ -	\$830,966,710	
4	Allowance for Working Capital	\$81,882,448	(\$81,882,448)	<u> </u>	\$81,882,448	\$81,882,448	
5	Total Rate Base	\$912,849,158	(\$81,882,448)	\$830,966,710	\$81,882,448	\$912,849,158	

### (1) Allowance for Working Capital - Derivation

Controllable Expenses Cost of Power Working Capital Base		\$86,310,514 \$947,558,773 \$1,033,869,287	\$ - \$ - \$ -	\$86,310,514 \$947,558,773 \$1,033,869,287	\$ - \$ - \$ -	\$86,310,514 \$947,558,773 \$1,033,869,287
Working Capital Rate %	(1)	7.92%	-7.92%	0.00%	7.92%	7.92%
Working Capital Allowance		\$81,882,448	(\$81,882,448)	\$ -	\$81,882,448	\$81,882,448

#### <u>Notes</u>

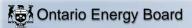
6 7

9

Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2018 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

Average of opening and closing balances for the year.

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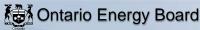


## Revenue Requirement Workform (RRWF) for 2018 Filers

#### **Utility Income**

Line No.	Particulars	Initial Application				Per Board Decision
1 2	Operating Revenues: Distribution Revenue (at Proposed Rates) Other Revenue	\$179,156,727 \$11,437,756	(\$179,156,727) (\$11,437,756)	\$ - \$ -	\$179,156,727 \$11,437,756	\$179,156,727 \$11,437,756
3	Total Operating Revenues	\$190,594,483	(\$190,594,483)	\$ -	\$190,594,483	\$190,594,483
4 5 6 7 8	Operating Expenses: OM+A Expenses Depreciation/Amortization Property taxes Capital taxes Other expense	\$84,084,971 \$46,388,393 \$2,225,544 \$- \$-	\$ - \$ - \$ - \$ - \$ -	\$84,084,971 \$46,388,393 \$2,225,544 \$ -	\$ - \$ - \$ - \$ - \$ -	\$84,084,971 \$46,388,393 \$2,225,544 \$ -
9	Subtotal (lines 4 to 8)	\$132,698,908	\$ -	\$132,698,908	\$ -	\$132,698,908
10	Deemed Interest Expense	\$19,442,226	(\$19,442,226)	<u>    \$ -</u>	\$19,442,226	\$19,442,226
11	Total Expenses (lines 9 to 10)	\$152,141,134	(\$19,442,226)	\$132,698,908	\$19,442,226	\$152,141,134
12	Utility income before income taxes	\$38,453,349	(\$171,152,257)	(\$132,698,908)	\$171,152,257	\$38,453,349
13	Income taxes (grossed-up)	\$4,897,015	\$-	\$4,897,015	\$ -	\$4,897,015
14	Utility net income	\$33,556,334	(\$171,152,257)	(\$137,595,923)	\$171,152,257	\$33,556,334
<u>Notes</u>	Other Revenues / Reven	ue Offsets				
(1)	Specific Service Charges Late Payment Charges Other Distribution Revenue Other Income and Deductions	\$5,730,697 \$720,000 \$1,469,736 \$3,517,323		\$ - \$ - \$ - 		\$5,730,697 \$720,000 \$1,469,736 \$3,517,323
	Total Revenue Offsets	\$11,437,756	<u> </u>	<u> </u>	<u> </u>	<u>\$11,437,756</u>

Schedule 1



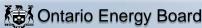
## Revenue Requirement Workform Attachment 6-1(A) ORIGINAL Page 4 of 16 (RRWF) for 2018 Filers

#### Taxes/PILs

Line No.	Particulars	Application		Per Board Decision
	<b>Determination of Taxable Income</b>			
1	Utility net income before taxes	\$33,556,335	\$ -	\$33,556,335
2	Adjustments required to arrive at taxable utility income	(\$19,474,050)	\$ -	(\$19,474,050)
3	Taxable income	\$14,082,285	<u> </u>	\$14,082,285
	Calculation of Utility income Taxes			
4	Income taxes	\$3,599,306	\$3,599,306	\$3,599,306
6	Total taxes	\$3,599,306	\$3,599,306	\$3,599,306
7	Gross-up of Income Taxes	\$1,297,709	\$1,297,709	\$1,297,709
8	Grossed-up Income Taxes	\$4,897,015	\$4,897,015	\$4,897,015
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$4,897,015	\$4,897,015	\$4,897,015
10	Other tax Credits	(\$132,500)	(\$132,500)	(\$132,500)
	Tax Rates			
11 12 13	Federal tax (%) Provincial tax (%) Total tax rate (%)	15.00% 11.50% 26.50%	15.00% 11.50% 26.50%	15.00% 11.50% 26.50%

#### Notes

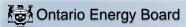
Schedule 1



# Revenue Requirement Workform ORIGINAL (RRWF) for 2018 Filers

#### Capitalization/Cost of Capital

Line No.	Particulars	Capitaliz	zation Ratio	Cost Rate	Return
		Initial A	pplication		
	Debt	(%)	(\$)	(%)	(\$)
1 2 3	Long-term Debt Short-term Debt Total Debt	56.00% 4.00% 60.00%	\$511,195,528 \$36,513,966 \$547,709,495	3.65% 2.16% 3.55%	\$18,653,525 \$788,702 \$19,442,226
	Equity		. , ,		
4 5	Common Equity Preferred Shares	40.00% 0.00%	\$365,139,663 \$ -	9.19% 0.00%	\$33,556,335 <u> </u>
6	Total Equity	40.00%	\$365,139,663	9.19%	\$33,556,335
7	Total	100.00%	\$912,849,158	5.81%	\$52,998,562
	Debt	(%)	(\$)	(%)	(\$)
1 2 3	Long-term Debt Short-term Debt Total Debt	0.00% 0.00% 0.00%	\$ - \$ - \$ -	0.00% 0.00% 0.00%	\$ - \$ - \$ -
4 5	Equity Common Equity Preferred Shares	0.00%	\$ - \$ -	0.00%	\$ - \$ -
6	Total Equity	0.00%	\$ -	0.00%	\$ -
7	Total	0.00%	\$830,966,710	0.00%	\$ -
		Per Boar	rd Decision		
		(%)	(\$)	(%)	(\$)
8 9 10	Long-term Debt Short-term Debt Total Debt	56.00% 4.00% 60.00%	\$511,195,528 \$36,513,966 \$547,709,495	3.65% 2.16% 3.55%	\$18,653,525 \$788,702 \$19,442,226
11 12 13	Equity Common Equity Preferred Shares Total Equity	40.00% 0.00% 40.00%	\$365,139,663 \$- \$365,139,663	9.19% 0.00% 9.19%	\$33,556,335 \$- \$33,556,335
14	Total	100.00%	\$912,849,158	5.81%	\$52,998,562
<u>Notes</u>					



## Revenue Requirement Workform (RRWF) for 2018 Filers

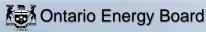
#### Revenue Deficiency/Sufficiency

		Initial Appl	ication			Per Board D	Decision
Line No.	Particulars	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$20,844,683		(\$32,814,665)		\$20,844,683
2	Distribution Revenue	\$158,312,045	\$158,312,044	\$158,312,045	\$211,971,392	\$158,312,045	\$158,312,044
3	Other Operating Revenue Offsets - net	\$11,437,756	\$11,437,756	\$ -	\$ -	\$11,437,756	\$11,437,756
4	Total Revenue	\$169,749,801	\$190,594,483	\$158,312,045	\$179,156,727	\$169,749,801	\$190,594,483
5	Operating Expenses	\$132,698,908	\$132,698,908	\$132,698,908	\$132,698,908	\$132,698,908	\$132,698,908
6	Deemed Interest Expense	\$19,442,226	\$19,442,226	\$ -	\$ -	\$19,442,226	\$19,442,226
8	Total Cost and Expenses	\$152,141,134	\$152,141,134	\$132,698,908	\$132,698,908	\$152,141,134	\$152,141,134
9	Utility Income Before Income Taxes	\$17,608,667	\$38,453,349	\$25,613,137	\$46,457,819	\$17,608,667	\$38,453,349
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$19,474,050)	(\$19,474,050)	(\$19,474,050)	(\$19,474,050)	(\$19,474,050)	(\$19,474,050)
11	Taxable Income	(\$1,865,383)	\$18,979,299	\$6,139,087	\$26,983,769	(\$1,865,383)	\$18,979,299
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable	(\$494,327)	\$5,029,514	\$1,626,858	\$7,150,699	(\$494,327)	\$5,029,514
	Income	, , ,				, , ,	
14	Income Tax Credits	(\$132,500)	(\$132,500)	(\$132,500)	(\$132,500)	(\$132,500)	(\$132,500)
15	Utility Net Income	\$18,235,493	\$33,556,334	\$24,118,779	(\$137,595,923)	\$18,235,493	\$33,556,334
16	Utility Rate Base	\$912,849,158	\$912,849,158	\$830,966,710	\$830,966,710	\$912,849,158	\$912,849,158
17	Deemed Equity Portion of Rate Base	\$365,139,663	\$365,139,663	\$ -	\$ -	\$365,139,663	\$365,139,663
18	Income/(Equity Portion of Rate Base)	4.99%	9.19%	0.00%	0.00%	4.99%	9.19%
19	Target Return - Equity on Rate Base	9.19%	9.19%	0.00%	0.00%	9.19%	9.19%
20	Deficiency/Sufficiency in Return on Equity	-4.20%	0.00%	0.00%	0.00%	-4.20%	0.00%
21	Indicated Rate of Return	4.13%	5.81%	2.90%	0.00%	4.13%	5.81%
22	Requested Rate of Return on Rate Base	5.81%	5.81%	0.00%	0.00%	5.81%	5.81%
23	Deficiency/Sufficiency in Rate of Return	-1.68%	0.00%	2.90%	0.00%	-1.68%	0.00%
24 25 26	Target Return on Equity Revenue Deficiency/(Sufficiency) Gross Revenue Deficiency/(Sufficiency)	\$33,556,335 \$15,320,842 \$20,844,683 (1)	\$33,556,335 (\$1)	\$ - (\$24,118,779) (\$32,814,665) <sup>(1)</sup>	\$ - \$ -	\$33,556,335 \$15,320,842 \$20,844,683 (1)	\$33,556,335 (\$1)

#### Notes:

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)

**ORIGINAL** 



## Revenue Requirement Workform Page 7 of 16 (RRWF) for 2018 Filers

#### **Revenue Requirement**

Line No.	Particulars	Application				Per Board Decision	
1	OM&A Expenses	\$84,084,971		\$84,084,971		\$84,084,971	
2	Amortization/Depreciation	\$46,388,393		\$46,388,393		\$46,388,393	
3	Property Taxes	\$2,225,544		\$2,225,544		\$2,225,544	
	Income Taxes (Grossed up)	\$4,897,015		\$4,897,015		\$4,897,015	
5	Other Expenses	\$-		\$4,097,013		\$4,097,013	
6 7	Return	Φ-					
,		<b>#40.440.000</b>		•		<b>\$40,440,000</b>	
	Deemed Interest Expense	\$19,442,226		\$ -		\$19,442,226	
	Return on Deemed Equity	\$33,556,335		<u>    \$ -</u>		\$33,556,335	
8	Service Revenue Requirement						
Ū	(before Revenues)	\$190,594,484		\$137,595,923		\$190,594,484	
9	Revenue Offsets	\$11,437,756		\$ -		\$11,437,756	
10	Base Revenue Requirement	\$179,156,728		\$137,595,923		\$179,156,728	
.•	(excluding Tranformer Owership Allowance credit adjustment)	* * * * * * * * * * * * * * * * * * * *		<u> </u>		· -,,	
11	Distribution revenue	\$179,156,727		\$ -		\$179,156,727	
12	Other revenue	\$11,437,756		\$ -		\$11,437,756	
13	Total revenue	\$190,594,483		\$ -		\$190,594,483	
14	Difference (Total Revenue Less Distribution Revenue Requirement						
	before Revenues)	(\$1)	(1)	(\$137,595,923)	(1)	(\$1)	(1)

#### Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

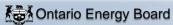
	Application		Δ% (2)	Per Board Decision	Δ% (2)
Service Revenue Requirement Grossed-Up Revenue	\$190,594,484	\$137,595,923	(\$0)	\$190,594,484	(\$1)
Deficiency/(Sufficiency)	\$20,844,683	(\$32,814,665)	(\$3)	\$20,844,683	(\$1)
Base Revenue Requirement (to be recovered from Distribution Rates)	\$179,156,728	\$137,595,923	(\$0)	\$179,156,728	(\$1)
Revenue Deficiency/(Sufficiency) Associated with Base Revenue	<b>*.</b> , <b>.</b>	* ,	(+-)	<b>* 3</b> , . <b>33</b> , . <b>34</b>	(+-)
Requirement	\$20,844,682	\$ -	(\$1)	\$20,844,682	(\$1)

#### Notes (1)

Line 11 - Line 8

Percentage Change Relative to Initial Application

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### Revenue Requirement Workform (RRWF) for 2018 Filers

#### **Load Forecast Summary**

This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.

The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in **Appendix 2-I** should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in **Appendix 2-IB** and in Exhibit 3 of the application.

Appendix 2-IB is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth andf trends from historical actuals to the Bridge and Test Year forecasts.

	Proces	

Per	Board	Decision

	Customer Class						
Input the n	ame of each customer class.						
Residential							
GS < 50 kW							
GS > 50  to  1, $GS > 1,500  to  1$							
Large Use	J 4,999 KW						
Street Lightin	g						
Sentinel Ligh							
Unmetered S Standby Pow	cattered Load						
Stariuby Fow	ei						

Initial Application				
Customer / Connections		kWh		kW/kVA (1)
Test Year average or mid-year		Annual		Annual
305,144		2,206,411,000		
24,739		709,791,000		
3,351		2,875,422,000		6,824,350
76		895,369,000		1,916,044
11		618,467,000		1,118,300
55,516		43,765,000		123,144
47		48,000		216
3,573		16,731,000		
2				4,800

7,366,004,000

9,986,854

Customer / Connections Test Year average or mid-year		<b>kWh</b> Annual	<b>kW/kVA</b> <sup>(1)</sup> Annual
305,144 24,739 3,351 76 111 55,516 47 3,573 2	2,8 8	206,411,000 709,791,000 7675,422,000 895,369,000 118,467,000 48,765,000 48,000 16,731,000	6,824,350 1,916,044 1,118,300 123,144 216 4,800

7,366,004,000

9,986,854

	Per Board Decision				
Customer / Connections Test Year average or mid-year	<b>kWh</b> Annual	<b>kW/kVA</b> <sup>(1)</sup> Annual			
305,144 24,739 3,351 76 11 55,516 47 3,573 2	2,206,411,000 709,791,000 2,875,422,000 895,369,000 618,467,000 43,765,000 48,000 16,731,000	6,824,350 1,916,044 1,118,300 123,144 216 4,800			

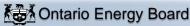
7,366,004,000

9,986,854

Notes:

Total

<sup>(1)</sup> Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)



## Revenue Requirement Workform (RRWF) for 2018 Filers

#### **Cost Allocation and Rate Design**

This spreadsheet replaces Appendix 2-P and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process: Per Board Decision

#### A) Allocated Costs

Name of Customer Class <sup>(3)</sup> From Sheet 10. Load Forecast		s Allocated from vious Study <sup>(1)</sup>	% Allocated Class Revenue Requirem		enue Requirement	%
1 Residential 2 GS < 50 kW 3 GS > 50 to 1,499 kW 4 GS > 1,500 to 4,999 kW 5 Large Use 6 Street Lighting 7 Sentinel Lighting 8 Unmetered Scattered Load 9 Standby Power 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***	97,768,668 19,137,880 44,595,687 11,181,234 7,209,183 1,611,209 8,143 495,688 62,141	53.70% 10.51% 24.49% 6.14% 3.96% 0.88% 0.00% 0.27% 0.03%	***	102,127,860 19,884,273 46,595,749 12,062,810 7,625,911 1,703,872 7,725 520,089 66,193	53.58% 10.43% 24.45% 6.33% 4.00% 0.89% 0.00% 0.27% 0.03%
Total	\$	182,069,832	100.00%	\$	190,594,482	100.00%
			Service Revenue Requirement (from Sheet 9)	\$	190,594,484.49	

- (1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 Low Voltage (LV) Costs are also excluded.
- (2) Host Distributors Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.
- (3) Customer Classes If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

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#### B) Calculated Class Revenues

Name of Customer Class		Load Forecast (LF) X current approved rates		LF X current approved rates X (1+d)		Proposed Rates	ľ	liscellaneous Revenues
		(7B)		(7C)		(7D)		(7E)
1 Residential 2 GS < 50 kW 3 GS > 50 to 1,499 kW 4 GS > 1,500 to 4,999 kW 5 Large Use 6 Street Lighting 7 Sentinel Lighting 8 Unmetered Scattered Load 9 Standby Power 10 11 12	***	87,038,947 19,869,160 34,078,185 10,293,812 5,589,542 872,268 3,651 556,350 10,131	* * * * * * * * * *	98,499,219 22,485,299 38,565,203 11,649,181 6,325,507 987,119 4,131 629,603 11,465	* * * * * * * * *	98,285,240 22,437,830 38,565,203 11,624,903 6,325,507 1,302,150 4,820 599,609 11,465	***	7,823,476 1,101,525 1,775,811 414,362 239,996 60,947 665 18,251 2,724
12 13 14 15 16 17 18 19 20	\$	158,312,045	\$	179,156,727	\$	179,156,727	\$	11,437,756

<sup>(4)</sup> In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.

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<sup>(5)</sup> Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.

<sup>(6)</sup> Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.

<sup>(7)</sup> Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,

#### C) Rebalancing Revenue-to-Cost Ratios

Name of Customer Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year:	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2016			
	%	%	%	%
1 Residential	103.29%	104.11%	103.90%	85 - 115
2 GS < 50 kW	118.51%	118.62%	118.38%	80 - 120
3 GS > 50 to 1,499 kW	87.11%	86.58%	86.58%	80 - 120
4 GS > 1,500 to 4,999 kW	101.72%	100.01%	99.80%	80 - 120
5 Large Use	87.21%	86.09%	86.09%	85 - 115
Street Lighting	80.00%	61.51%	80.00%	80 - 120
7 Sentinel Lighting	64.21%	62.09%	71.00%	80 - 120
Unmetered Scattered Load	118.89%	124.57%	118.80%	80 - 120
Standby Power	21.95%	21.43%	21.43%	
1				
2				
3				
1				
5				
ò				
7				
3				
9				

<sup>(8)</sup> Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.

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<sup>(9)</sup> Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".

<sup>(10)</sup> Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

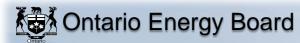
#### (D) Proposed Revenue-to-Cost Ratios (11)

Name of Customer Class	Propos	Proposed Revenue-to-Cost Ratio				
	Test Year	Price Cap	IR Period			
	2017	2018	2019			
1 Residential	103.90%			85 - 115		
2 GS < 50 kW	118.38%			80 - 120		
GS > 50 to 1,499 kW	86.58%			80 - 120		
GS > 1,500 to 4,999 kW	99.80%			80 - 120		
Large Use	86.09%			85 - 115		
Street Lighting	80.00%			80 - 120		
Sentinel Lighting	71.00%			80 - 120		
Unmetered Scattered Load	118.80%			80 - 120		
Standby Power	21.43%					
:						
1						
1						

<sup>(11)</sup> The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2018 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2019 and 2020 Price Cap IR models, as necessary. For 2019 and 2020, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2017 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.

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Schedule 1
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# Revenue Requirement Workform (RRWF) for 2018 Filers

#### **New Rate Design Policy For Residential Customers**

Please complete the following tables.

#### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class					
Customers	305,144				
kWh	2,206,411,000				

Proposed Residential Class Specific Revenue	\$ 98,285,240.22
Requirement <sup>1</sup>	

Residential Base Rates on Current Tariff					
Monthly Fixed Charge (\$)	\$	16.60			
Distribution Volumetric Rate (\$/kWh)	\$	0.0151			

#### **B** Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	16.6	305,144	\$ 60,784,684.80	64.59%
Variable	0.0151	2,206,411,000	\$ 33,316,806.10	35.41%
TOTAL	-	-	\$ 94,101,490.90	-

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#### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy	
Transition Years <sup>2</sup>	4

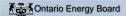
	Test Year Revenue @ Current F/V Split				
Fixed	\$	63,487,169.97	17.34	\$	63,494,363.52
Variable	\$	34,798,070.25	0.0158	\$	34,861,293.80
TOTAL	\$	98,285,240.22	-	\$	98,355,657.32

	New F/V Split	Revenue @ new F/V Split					Revenue Reconciliation @ Adjusted Rates		
Fixed	73.45%	\$	72,186,687.53	\$	19.71	\$	72,172,658.88		
Variable	26.55%	\$	26,098,552.69	\$	0.0118	\$	26,035,649.80		
TOTAL	-	\$	98,285,240.22		-	\$	98,208,308.68		

Checks <sup>3</sup>							
Change in Fixed Rate	\$	2.37					
Difference Between Revenues @ Proposed Rates		(\$76,931.54)					
and Class Specific Revenue Requirement		-0.08%					

#### Notes:

- The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)



### **Revenue Requirement Workform** (RRWF) for 2018 Filers

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#### Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and voluentric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Stage in Process:			Per Board Decision		Cla	ass Allocated Reve	nues					Dis	tribution Rates				Revenue Reconciliatio	n
	Customer and L	oad Forecast				11. Cost Allocation esidential Rate Des		Percentage to	riable Splits <sup>2</sup> be entered as a tween 0 and 1									
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable	Transformer Ownership Allowance <sup>1</sup>	Monthly Serv	ice Charge		metric Rate	No. of			Distribution Revenues less Transformer
From sheet 10. Load Forecast	Determinant				Requirement	Charge				(\$)	Rate	decimals	Rate		decimals	MSC Revenues	Volumetric revenues	Ownership
1 Residential 2 (S < 50 tW) 3 (SS > 50 to 1,499 kW (SS > 1,50 to 4,999 kW to 1,499 kW to 1	KOV/h KOV/h KOV KOV KOV KOV KOV KOV KOV/h KOV/h	305.144 24,739 3,351 76 11 555,516 47 3,573 2	2,206,411,000 709,791,000 2,875,422,000 895,369,000 43,765,000 16,731,000	6,824,350 1,916,044 1,118,300 123,144 216 - 4,800 - - - - -	\$ 98,285,240 \$ 22,437,630 \$ 38,665,203 \$ 11,624,903 \$ 6,325,507 \$ 1,302,150 \$ 4,820 \$ 599,609 \$ 11,465	\$ 75,102,041 \$ 5,521,745 \$ 8,042,400 \$ 3,824,864 \$ 2,010,534 \$ 566,263 \$ 1,833 \$ 207,091 \$ 3,325	\$ 23,183,199 \$ 16,916,085 \$ 30,522,803 \$ 7,800,038 \$ 4,314,973 \$ 735,887 \$ 2,987 \$ 392,518 \$ 8,140	76.41% 24.61% 20.85% 31.79% 31.79% 38.03% 34.54% 34.54%	23.59%, 75.39%, 76.15%, 63.15%, 68.27%, 65.47%, 65.46%,	\$ 767,739 \$ 215,555 \$ 125,809 \$ - \$ - \$ -	\$20.51 \$18.60 \$200.00 \$4,193.93 \$15,231.32 \$0.85 \$3.25 \$4.83 \$138.53	2	\$0.0238 \$4.5851 \$4.1834 \$3.9710 \$5.9758 \$13.8285 \$0.0235	Jewh Jewh Jew Jew Jew Jew Jew Jew Jewh Jewh	4	\$75,102,041,28 \$ 5,521,744,80 \$ 8,842,400,00 \$ 3,048,834,24 \$ 566,834,24 \$ 5 66,334,24 \$ 5 66,334,24 \$ 5 7,934,26 \$ 207,091,08 \$ 3,324,72 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	\$ 23,167,315,5000 \$ 16,880,027,1850 \$ 31,290,327,1850 \$ 8,015,578,4696 \$ 4,440,769,3000 \$ 758,883,9152 \$ 2,986,9560 \$ 8,139,8400 \$ \$ \$ 5 \$ - \$ 6 \$ - \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7	\$ 98,269,356,75 \$ 38,664,997,28 \$ 1,302,147,70 \$ 1,302,147,12 \$ 1,302,147,12 \$ 1,302,147,12 \$ 1,464,56 \$ 5 -5 \$ 5
							T	otal Transformer Ov	vnership Allowance	\$ 1,109,103						Total Distribution R	evenues	\$ 179,118,198.88
Notes:													Rates recover rev	venue requir	ement	Base Revenue Requ	uirement	\$ 179,156,728.49
Transformer Ownership Allowance is		amazant and anhi fe	those elecces to	high it conting												Difference % Difference		-\$ 38,529.61 -0.022%

<sup>&</sup>lt;sup>2</sup> The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calcutated as: [MSC x (average number of customers or connections) x 12 monthly [/ (class Allocated Revenue Requirement)].



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#### **Tracking Form**

The first row shown, labelled "Original Application", summarizes key statistics based on the data inputs into the RRWF. After the original application filing, the applicant provides key changes in capital and operating expenses, load forecasts, cost of capital, etc., as revised through the processing of the application. This could be due to revisions or responses to interrogatories, undertakings, etc.)

Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

(1) Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

#### Summary of Proposed Changes

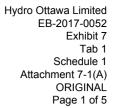
		Cost of	Capital	Rate Bas	Rate Base and Capital Expenditures			erating Expense	es	Revenue Requirement			
Reference (1)	Item / Description <sup>(2)</sup>	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Revenues	Base Revenue Requirement	
	Original Application	\$ 52,998,562	5.81%	\$ 912,849,158	\$1,033,869,287	\$ 81,882,448	\$ 46,388,393	\$ 4,897,015	\$ 84,084,971	\$ 190,594,484	\$ 11,437,756	\$ 179,156,728	\$ 20,844,683

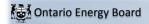
<sup>(2)</sup> Short description of change, issue, etc.



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1 **COST ALLOCATION** 2 3 1.0 **COST ALLOCATION STUDY** 4 5 Elenchus was engaged to undertake a Cost Allocation Study for Hydro Ottawa's Custom 6 IR Application, using the OEB's approved model. Subsequent to Hydro Ottawa filing its 7 Original Evidence for its Custom IR Application, the OEB released version 3.3 of the 8 Cost Allocation Model. As part of the interrogatory process, Hydro Ottawa updated its 9 evidence using version 3.3 of the Cost Allocation Model. 10 11 Hydro Ottawa's updated Cost Allocation Study indicated that three rate classes required 12 adjustments to bring them into the OEB-approved ranges. Sentinel Lighting and Street 13 Lighting were outside their lower range, while Unmetered Scattered Load ("USL") was 14 outside its upper range. 15 16 As part of its 2016 rates, Hydro Ottawa moved Street Lighting and USL within OEB-17 approved ranges. As part of the Approved Settlement Agreement, Parties accepted 18 Hydro Ottawa's inputs into the Cost Allocation Models and placement of rate classes 19 within their ranges, with the modification that Sentinel Lighting move within the OEB's 20 approved range by 2020. As part of this Application, Hydro Ottawa's proposed rates 21 follow the approved movement of Sentinel Lighting within OEB-approved ranges by 22 2020. 23 24 The 2018 Cost Allocation Model, filed as part of the Approved Settlement Agreement, 25 has been updated as per the Pole Attachment Decision. Please see Attachment 7-1-A 26 for Hydro Ottawa's updated 2018 Cost Allocation Model that was used for 2018 27 proposed rates. 28 29 Please see Attachment 7-1-B for a summary of details regarding cost allocation and rate 30 design, including final proposed revenue to cost ratios.





#### EB-2017-0052 (Year 2018)

Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast 7,366,004,000

Total kWs from Load Forecast 9,986,854

Deficiency/sufficiency ( RRWF 8. cell F51) - 20,844,682

Miscellaneous Revenue (RRWF 5. cell F48)

			1	2	3	4	6	7	8	9	11	12	13
	ID	Total	Residential	GS <50	GS 50 to 1,499 kW	GS 1,500 to 4,999 kW	Large Use	Street Light	Sentinel	Unmetered Scattered Load	Standby Power GS 50 to 1,499 kW	Standby Power GS 1,500 to 4,999 kW	Standby Power Large Use
Billing Data													
Forecast kWh	CEN	7,366,004,000	2,206,411,000	709,791,000	2,875,422,000	895,369,000	618,467,000	43,765,000	48,000	16,731,000			
Forecast kW	CDEM	9,986,854			6,824,350	1,916,044	1,118,300	123,144	216			4,800	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		2,464,674			1,706,088	479,011	279,575						
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		_											
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	7,366,004,000	2,206,411,000	709,791,000	2,875,422,000	895,369,000	618,467,000	43,765,000	48,000	16,731,000	-	-	
Existing Monthly Charge			\$9.67	\$16.72	\$260.82	\$4,193.93	\$15,231.32	\$0.57	\$2.62	\$4.43	\$122.41	\$122.41	\$122.41
Existing Distribution kWh Rate Existing Distribution kW Rate			\$0.0234	\$0.0210	\$3,5691	\$3,4887	\$3.3129	\$3,9997	\$10.0361	\$0.0219	\$2	\$1	\$2
Existing Distribution KW Rate  Existing TOA Rate					\$3.5691	\$0.45	\$0.45	\$3.9997	\$10.0361		\$2	\$1	\$2
Additional Charges					ψ0.40	ψ0.40	ψ0.40						
Distribution Revenue from Rates		\$159,421,148	\$87,038,947	\$19,869,160	\$34,845,925	\$10,509,367	\$5,715,350	\$872,268	\$3,651	\$556,350	\$0	\$10,131	\$0
Transformer Ownership Allowance		\$1,109,103	\$0	\$0	\$767,739	\$215,555	\$125,809	\$0	\$0	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$158,312,045	\$87,038,947	\$19,869,160	\$34,078,185	\$10,293,812	\$5,589,542	\$872,268	\$3,651	\$556,350	\$0	\$10,131	\$0
L L		1			l l					l	l.	1	



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#### EB-2017-0052 (Year 2018)

#### **Sheet I6.2 Customer Data Worksheet** -

		i	4	2	2	4		7		٥ .	11	12	13
	ID	Total	Residential	GS <50	GS 50 to 1,499 kW	GS 1,500 to 4,999 kW	Large Use	Street Light	Sentinel	Unmetered Scattered Load	Standby Power	Standby Power GS 1,500 to 4,999 kW	Standby Power Large Use
Billing Data													
Bad Debt 3 Year Historical Average	BDHA	\$2,000,008	\$1,354,005	\$422,002	\$150,001	\$74,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$884,964	\$658,889	\$119,577	\$93,649	\$12,109	\$102	\$156	\$104	\$377			
Number of Bills	CNB	4,000,741	3,661,730	296,863.00	40,216.00	912.00	132.00	180.00	564.00	120.00		24	
Number of Devices	CDEV							55,516	47	3,573			
Number of Connections (Unmetered)	CCON	7,321						3,701	47	3,573			
Total Number of Customers	CCA	333,395	305,144	24,739	3,351	76	11	15	47	10		2	
Bulk Customer Base	CCB	333,395	305,144	24,739	3,351	76	11	15	47	10		2	
Primary Customer Base	CCP	341,759	305,144	24,739	3,351	76	11	8,379	47	10		2	
Line Transformer Customer Base	CCLT	341,330	305,144	24,739	2,973	33	5	8,379	47	10			
Secondary Customer Base	CCS	331,630	305,144	24,739	1,676			15	47	10			
Weighted - Services	cwcs	378,699	305,144	49,477	16,757	-	-	3,701	47	3,573	-	-	-
Weighted Meter -Capital	CWMC	61,981,642	45,164,084	9,232,122	6,695,436	760,000	110,000	-	-	-		20,000	
Weighted Meter Reading	CWMR	511,414	305,144	24,739	162,581	16,182	2,342	-	-	-		426	-
Weighted Bills	CWNB	4,258,268	3,661,730	305,779	258,722	23,055	3,329	4,531	398	125	•	598	-

#### **Bad Debt Data**

Historic Year:	2012	2,000,008	1,354,005	422,002	150,001	74,000							
Historic Year:	2013	2,000,008	1,354,005	422,002	150,001	74,000							
Historic Year:	2014	2,000,008	1,354,005	422,002	150,001	74,000							
Three-vear average		2.000.008	1.354.005	422.002	150.001	74.000	-	-	-	-	-	_	_

#### SSS Admin Charge Data

Historic Year:	2012	979,657	895,929	74,332	9,078	226	35	56		2			
Historic Year:	2013	896,212	819,690	67,433	8,586	214	30	- 12		270			
Historic Year:	2014	920,026	842,937	67,671	8,715	253	30	21		398			
Three-year average		931,965	852,852	69,812	8,793	231	32	22	•	224	-	-	-

#### Street Lighting Adjustment Factors

NCP Test Results	4 NCP	

	Primary As	set Data	Line Transformer Asset Data			
	Customers/		Customers/			
Class	Devices	4 NCP	Devices	4 NCP		
Residential	305,144	1,952,732	305,144	1,952,732		
Street Light	55,516	53,619	55,516	53,619		

Street Lighting Ad	justment Factors
Primary	6.6258
Line Transformer	6 6258



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#### EB-2017-0052 (Year 2018)

**Sheet I8 Demand Data Worksheet** -

This is an input sheet for demand allocators.

1 NCP 4 NCP	NCP 1
Non-co-incident Peak	Indicator
12 01	01 12
12 CP	CP 12
4 CP	CP 4
1 CP	CP 1
Co-incident Peak	Indicator
NCF TEST RESULTS	4 NOF
NCP TEST RESULTS	4 NCP
CP TEST RESULTS	12 CP

12 NCP

			1	2	3	4	6	7	8	9	11	12	13
Customer Classes		Total	Residential	GS <50	GS 50 to 1,499 kW	GS 1,500 to 4,999 kW	Large Use	Street Light	Sentinel	Unmetered Scattered Load	Standby Power GS 50 to 1,499 kW	Standby Power GS 1,500 to 4,999 kW	Standby Power Large Use
CO-INCIDENT	PEAK												
00 1110122111													
1 CP													
Transformation CP	TCP1	1,267,602	435,054	149,655	494,585	109,276	77,293	-	-	1,740		-	
Bulk Delivery CP	BCP1	1,267,602	435,054	149,655	494,585	109,276	77,293	-	-	1,740	-	-	
Total Sytem CP	DCP1	1,267,602	435,054	149,655	494,585	109,276	77,293	-	-	1,740	-	-	
4 CP													
Transformation CP	TCP4	4.952.332	1.784.940	480.173	1.869.197	477.895	315.302	17,420	13	7.391		-	
Bulk Delivery CP	BCP4	4,952,332	1,784,940	480,173	1,869,197	477,895	315,302	17,420	13	7,391	-		
Total Sytem CP	DCP4	4,952,332	1,784,940	480,173	1,869,197	477,895	315,302	17,420	13	7,391	-	-	
12 CP													
Transformation CP	TCP12	13,710,594	4,685,463	1,358,391	5,223,220	1,423,600	946,663	50,411	42	22,576		230	
Bulk Delivery CP	BCP12	13,710,594	4,685,463	1,358,391	5,223,220	1,423,600	946,663	50,411	42	22,576	-	230	
Total Sytem CP	DCP12	13,710,594	4,685,463	1,358,391	5,223,220	1,423,600	946,663	50,411	42	22,576		230	
NON CO INCIDEN	IT DEAK												
NON CO_INCIDEN	II FEAR												
1 NCP													
Classification NCP from													
Load Data Provider	DNCP1	1,443,818	495,101	149,655	513,806	162,654	105,290	13,873	12	2,276		1,152	
Primary NCP	PNCP1	1,443,818	495,101	149,655	513,806	162,654	105,290	13.873	12	2,276		1,152	
Line Transformer NCP	LTNCP1	1,229,661	495,101	149,655	447,011	71,567	49,486	13,873	12	2,276	-	680	
Secondary NCP	SNCP1	917,820	495,101	149,655	256,903			13,873	12	2,276	-		
1													
4 NCP Classification NCP from													
Load Data Provider	DNCP4	5.610.210	1,952,732	563.804	1,995,184	627,182	404.858	53,619	46	8.949		3,836	
Primary NCP	PNCP4	5,610,210	1,952,732	563,804	1,995,184	627,182	404,858	53,619	46	8,949		3,836	
Line Transformer NCP	LTNCP4	4.817.385	1,952,732	563,804	1,769,728	275,960	190,284	53,619	46	8.949		2,263	
Secondary NCP	SNCP4	3,576,742	1,952,732	563,804	997,592	2.0,000	100,201	53,619	46	8,949		2,200	
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,302,102	300,001	,			-00,010		0,010			
12 NCP													
Classification NCP from													
Load Data Provider	DNCP12	15,516,859	5,416,339	1,542,892	5,599,216	1,703,041	1,090,940	130,651	112	26,011		7,657	
Primary NCP	PNCP12	15,516,859	5,416,339	1,542,892	5,599,216	1,703,041	1,090,940	130,651	112	26,011		7,657	
Line Transformer NCP	LTNCP12	13,253,921	5,416,339	1,542,892	4,871,318	749,338	512,742	130,651	112	26,011	<u> </u>	4,517	
Secondary NCP	SNCP12	9,915,614	5,416,339	1,542,892	2,799,608			130,651	112	26,011			



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#### EB-2017-0052 (Year 2018) Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

			1	2	3	4	6	7	8	9	11	12	13
Rate Base Assets		Total	Residential	GS <50	GS 50 to 1,499 kW	GS 1,500 to 4,999 kW	Large Use	Street Light	Sentinel	Unmetered Scattered Load	Standby Power GS 50 to 1,499 kW	Standby Power GS 1,500 to 4,999 kW	Standby Power Large Use
crev mi	Distribution Revenue at Existing Rates Miscellaneous Revenue (mi)	\$158,312,045 \$11,437,756	\$87,038,947 \$7,823,476 cellaneous Revenu	\$19,869,160 \$1,101,525	\$34,078,185 \$1,775,811	\$10,293,812 \$414,362	\$5,589,542 \$239,996	\$872,268 \$60,947	\$3,651 \$665	\$556,350 \$18,251	\$0 \$0	\$10,131 \$2,724	\$0 \$0
	Total Revenue at Existing Rates	\$169,749,801	\$94,862,423	\$20,970,685	\$35,853,996	\$10,708,173	\$5,829,537	\$933,216	\$4,315	\$574,601	\$0	\$12,854	\$0
	Factor required to recover deficiency (1 + D)	1.1317											
	Distribution Revenue at Status Quo Rates Miscellaneous Revenue (mi)	\$179,156,727 \$11,437,756	\$98,499,219 \$7,823,476	\$22,485,299 \$1,101,525	\$38,565,203 \$1,775,811	\$11,649,181 \$414,362	\$6,325,507 \$239,996	\$987,119 \$60,947	\$4,131 \$665	\$629,603 \$18,251	\$0 \$0	\$11,465 \$2,724	\$0 \$0
	Total Revenue at Status Quo Rates	\$190,594,482	\$106,322,695	\$23,586,824	\$40,341,014	\$12,063,542	\$6,565,503	\$1,048,066	\$4,796	\$647,854	\$0	\$14,188	\$0
di	Expenses Distribution Costs (di)	\$28,088,570	\$13,532,298	\$2,899,877	\$7,773,770	\$2.086.571	\$1,356,596	\$325,495	\$1,134	\$101,546	\$0	\$11,282	\$0
cu	Customer Related Costs (cu)	\$16,908,881	\$13,755,645	\$1,671,926	\$1,268,298	\$180,299	\$1,330,390	\$12,848	\$1,129	\$355	\$0	\$2,810	\$0
ad	General and Administration (ad)	\$41,313,063	\$24,681,209	\$4,207,196	\$8,532,671	\$2,150,921	\$1,311,199	\$318,567	\$2,032	\$96,161	\$0	\$13,107	\$0
dep INPUT	Depreciation and Amortization (dep) PILs (INPUT)	\$46,388,393 \$4,897,014	\$22,891,408 \$2,306,365	\$5,022,676 \$514,488	\$12,526,568 \$1,395,159	\$3,249,622 \$371,778	\$2,089,548 \$241,317	\$451,022 \$50,407	\$1,487 \$164	\$138,694 \$15,507	\$0 \$0	\$17,367 \$1,829	\$0 \$0
INT	Interest	\$19,442,226	\$9,156,779	\$2,042,630	\$5,539,088	\$1,476,042	\$958,080	\$200,126	\$653	\$61,566	\$0	\$7,262	\$0
	Total Expenses	\$157,038,147	\$86,323,705	\$16,358,793	\$37,035,554	\$9,515,233	\$5,972,311	\$1,358,465	\$6,598	\$413,829	\$0	\$53,658	\$0
	Direct Allocation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$33,556,335	\$15,804,155	\$3,525,480	\$9,560,196	\$2,547,577	\$1,653,600	\$345,407	\$1,126	\$106,260	\$0	\$12,535	\$0
	Revenue Requirement (includes NI)	\$190,594,482	\$102,127,860	\$19,884,273	\$46,595,749	\$12,062,810	\$7,625,911	\$1,703,872	\$7,725	\$520,089	\$0	\$66,193	\$0
		Revenue Re	quirement Input eq	uals Output									
	Rate Base Calculation												
	Net Assets												
dp gp	Distribution Plant - Gross General Plant - Gross	\$933,897,898 \$160,744,133	\$448,448,845 \$76,867,704	\$98,752,735 \$16,907,309	\$260,786,437 \$45,113,035	\$68,439,678 \$11,860,146	\$44,381,183 \$7,703,155	\$9,693,368 \$1,698,076	\$32,419 \$5,703	\$3,015,421 \$529,049	\$0 \$0	\$347,811 \$59,956	\$0 \$0
	Accumulated Depreciation	(\$180,299,105)	(\$88,078,561)	(\$19,488,084)	(\$49,288,024)	(\$12,837,079)	(\$8,267,340)	(\$1,732,468)	(\$5,683)	(\$535,139)	\$0	(\$66,727)	\$0
co	Capital Contribution	(\$83,376,216)	(\$45,178,899)	(\$8,857,777)	(\$20,278,125) \$236,333,323	(\$4,581,938)	(\$2,998,936)	(\$1,079,503)	(\$4,363)	(\$365,981)	\$0 \$0	(\$30,692)	\$0
	Total Net Plant	\$830,966,710	\$392,059,088	\$87,314,183	\$236,333,323	\$62,880,807	\$40,818,062	\$8,579,474	\$28,076	\$2,643,350	\$0	\$310,348	\$0
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
СОР	Cost of Power (COP)	\$947,558,773	\$285,391,883	\$91,246,474	\$368,891,926	\$114,864,148	\$79,341,238	\$5,642,837	\$6,519	\$2,173,747	\$0	\$0	\$0
COI	OM&A Expenses	\$86,310,514	\$51,969,153	\$8,778,999	\$17,574,739	\$4,417,791	\$2,683,366	\$656,910	\$4,295	\$198,062	\$0	\$27,199	\$0
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal	\$1,033,869,288	\$337,361,036	\$100,025,474	\$386,466,665	\$119,281,939	\$82,024,604	\$6,299,748	\$10,814	\$2,371,809	\$0	\$27,199	\$0
	Working Capital	\$81,882,448	\$26,718,994	\$7,922,018	\$30,608,160	\$9,447,130	\$6,496,349	\$498,940	\$856	\$187,847	\$0	\$2,154	\$0
	Total Rate Base	\$912,849,158	\$418,778,082	\$95,236,201	\$266,941,483	\$72,327,936	\$47,314,411	\$9,078,414	\$28,932	\$2,831,197	\$0	\$312,502	\$0
		Rate E	Base Input equals C	Output									
	Equity Component of Rate Base	\$365,139,663	\$167,511,233	\$38,094,480	\$106,776,593	\$28,931,175	\$18,925,764	\$3,631,365	\$11,573	\$1,132,479	\$0	\$125,001	\$0
	Net Income on Allocated Assets	\$33,556,335	\$19,998,989	\$7,228,031	\$3,305,460	\$2,548,309	\$593,192	(\$310,399)	(\$1,802)	\$234,025	\$0	(\$39,470)	\$0
	Net Income on Direct Allocation Assets  Net Income	\$0 \$33,556,335	\$0 \$19,998,989	\$0 \$7,228,031	\$0 \$3,305,460	\$0 \$2,548,309	\$0 \$593,192	\$0 (\$310,399)	\$0 (\$1,802)	\$0 \$234,025	\$0 \$0	\$0 (\$39,470)	\$0 \$0
		\$33,330,333	\$13,330,303	\$1,220,031	\$3,303,460	\$2,546,509	\$393,192	(\$310,399)	(\$1,602)	\$234,023	<b>\$</b> 0	(\$39,470)	\$0
	RATIOS ANALYSIS												
	REVENUE TO EXPENSES STATUS QUO%	100.00%	104.11%	118.62%	86.58%	100.01%	86.09%	61.51%	62.09%	124.57%	0.00%	21.43%	0.00%
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$20,844,681) Deficie	(\$7,265,437) ency Input equals (	\$1,086,412 Output	(\$10,741,753)	(\$1,354,636)	(\$1,796,374)	(\$770,656)	(\$3,409)	\$54,512	\$0	(\$53,339)	\$0
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$4,194,835	\$3,702,551	(\$6,254,736)	\$733	(\$1,060,408)	(\$655,806)	(\$2,929)	\$127,765	\$0	(\$52,005)	\$0
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.19%	11.94%	18.97%	3.10%	8.81%	3.13%	-8.55%	-15.57%	20.66%	0.00%	-31.58%	0.00%



#### EB-2017-0052 (Year 2018)

Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for Monthly Fixed Charge

#### **Summary**

Customer Unit Cost per month - Avoided Cost

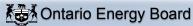
Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System

with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	4	6	7	8	9	11	12	13
Residential	GS <50	GS 50 to 1,499 kW	GS 1,500 to 4,999 kW	Large Use	Street Light	Sentinel	Unmetered Scattered Load	Standby Power GS 50 to 1,499 kW	Standby Power GS 1,500 to 4,999 kW	Standby Power Large Use
\$4.45	\$6.98	\$40.66	\$163.72	\$74.02	\$0.19	\$1.80	-\$0.03	0	\$197.29	0
\$7.69	\$11.31	\$69.19	\$286.81	\$197.74	\$0.46	\$3.59	-\$0.02	0	\$317.47	0
\$16.25	\$24.19	\$98.17	\$528.16	\$592.72	\$14.52	\$13.33	\$7.80	0	\$260.56	0
\$9.67	\$16.72	\$260.82	\$4,193.93	\$15,231.32	\$0.57	\$2.62	\$4.43	\$122.41	\$122.41	\$122.41



#### Hydro Ottawa Limited EB-2017-0052 Exhibit 7 Tab 1 Schedule 1 Attachment 7-1(B) ORIGINAL Page 1 of 4

## Revenue Requirement Workform (RRWF) for 2018 Filers

#### **Cost Allocation and Rate Design**

This spreadsheet replaces **Appendix 2-P** and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process: Per Board Decision

#### A) Allocated Costs

Name of Customer Class (3)		s Allocated from vious Studv <sup>(1)</sup>	%	Allocated Class enue Requirement	%
From Sheet 10. Load Forecast				(1) (7A)	
Residential	\$	97,768,668	53.70%	\$ 102,127,860	53.58%
GS < 50 kW	\$	19,137,880	10.51%	\$ 19,884,273	10.43%
GS > 50 to 1,499 kW	\$	44,595,687	24.49%	\$ 46,595,749	24.45%
GS > 1,500 to 4,999 kW	\$	11,181,234	6.14%	\$ 12,062,810	6.33%
Large Use	\$	7,209,183	3.96%	\$ 7,625,911	4.00%
Street Lighting	\$	1,611,209	0.88%	\$ 1,703,872	0.89%
Sentinel Lighting	\$	8,143	0.00%	\$ 7,725	0.00%
Unmetered Scattered Load Standby Power	\$ \$	495,688 62,141	0.27% 0.03%	\$ 520,089 66,193	0.27% 0.03%
Total	\$	182,069,832	100.00%	\$ 190,594,482	100.00%
			Service Revenue Requirement (from Sheet 9)	\$ 190,594,484.49	

- (1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 Low Voltage (LV) Costs are also excluded.
- (2) Host Distributors Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.
- (3) Customer Classes If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

#### B) Calculated Class Revenues

Name of Customer Class		Load Forecast (LF) X current approved rates		F X current proved rates X (1+d)	LF X Proposed Rates		N	liscellaneous Revenues
		(7B)		(7C)		(7D)		(7E)
1 Residential 2 GS < 50 kW 3 GS > 50 to 1,499 kW 4 GS > 1,500 to 4,999 kW 5 Large Use 6 Street Lighting 7 Sentinel Lighting	\$ \$ \$ \$ \$ \$ \$	87,038,947 19,869,160 34,078,185 10,293,812 5,589,542 872,268 3,651	\$ \$ \$ \$ \$ \$	98,499,219 22,485,299 38,565,203 11,649,181 6,325,507 987,119 4,131	\$ \$ \$ \$ \$ \$ \$	98,285,240 22,437,830 38,565,203 11,624,903 6,325,507 1,302,150 4,820	\$ \$ \$ \$ \$ \$ \$ \$	7,823,476 1,101,525 1,775,811 414,362 239,996 60,947 665
8 Unmetered Scattered Load 9 Standby Power 10 11 12 13 14 15 16 17 18	\$	556,350 10,131	\$	629,603 11,465	\$	599,609 11,465	\$	18,251 2,724
Total	\$	158,312,045	\$	179,156,727	\$	179,156,727	\$	11,437,756

<sup>(4)</sup> In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.

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<sup>(5)</sup> Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.

<sup>(6)</sup> Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.

<sup>(7)</sup> Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,

#### C) Rebalancing Revenue-to-Cost Ratios

Name of Customer Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year:	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2016			
	%	%	%	%
Residential	103.29%	104.11%	103.90%	85 - 115
GS < 50 kW	118.51%	118.62%	118.38%	80 - 120
3 GS > 50 to 1,499 kW	87.11%	86.58%	86.58%	80 - 120
GS > 1,500 to 4,999 kW	101.72%	100.01%	99.80%	80 - 120
Large Use	87.21%	86.09%	86.09%	85 - 115
Street Lighting	80.00%	61.51%	80.00%	80 - 120
Sentinel Lighting	64.21%	62.09%	71.00%	80 - 120
Unmetered Scattered Load	118.89%	124.57%	118.80%	80 - 120
Standby Power	21.95%	21.43%	21.43%	
2				
3				
; <b>.</b>				
;				
1				
3				

<sup>(8)</sup> Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.

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<sup>(9)</sup> Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".

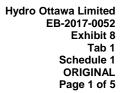
<sup>(10)</sup> Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

#### (D) Proposed Revenue-to-Cost Ratios (11)

Name of Customer Class	Propos	Proposed Revenue-to-Cost Ratio						
	Test Year	Price Cap IR Period						
	2017	2018	2019					
Residential	103.90%			85 - 115				
GS < 50 kW	118.38%			80 - 120				
GS > 50 to 1,499 kW	86.58%			80 - 120				
GS > 1,500 to 4,999 kW	99.80%			80 - 120				
Large Use	86.09%			85 - 115				
Street Lighting	80.00%			80 - 120				
Sentinel Lighting	71.00%			80 - 120				
Unmetered Scattered Load	118.80%			80 - 120				
Standby Power	21.43%							

<sup>(11)</sup> The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2018 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2019 and 2020 Price Cap IR models, as necessary. For 2019 and 2020, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2017 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.

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#### **FIXED/VARIABLE PROPORTION**

#### 1.0 INTRODUCTION

This Schedule explains how the proposed rates have been designed in order to collect the requested revenue requirement approved for 2018. The current 2017 and proposed 2018 Tariff of Rates and Charges are provided in Exhibit 8-10-1. Please see Exhibit 8-12-1 for Bill Impact Information.

As part of the Approved Settlement Agreement and Pole Attachment Decision, revenue requirements for the period 2016 to 2018 have been set for three years, while 2019 and 2020 will be adjusted as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018. Table 1 below sets out the Base Revenue Requirement and Revenue Requirement to be collected through distribution rates.

Table 1 – Revenue from Distribution Rates (\$000)<sup>1</sup>

	2016	2017	2018	2019	2020
Base Revenue Requirement	163,573	170,733	179,157	186,502	190,718
Transformer Ownership Credit	1,125	1,114	1,109	1,106	1,105
Revenue from distribution rates	164,698	171,847	180,266	187,609	191,824

Please see Exhibit 6-1-1 for the compilation of revenue required from distribution rates and calculation of revenue deficiency.

#### 2.0 FIXED/VARIABLE PROPORTION

The rate design for the fixed/variable split was approved as part of the Approved Settlement Agreement.

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<sup>&</sup>lt;sup>1</sup> Totals may not match due to rounding.



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 1 Schedule 1 ORIGINAL Page 2 of 5

On April 2, 2015, the OEB released its Board Policy – A New Distribution Rate Design for Residential Electricity Customers (EB-2012-0410). Hydro Ottawa proposed to have all residential customers on a fixed charge by January 1, 2020. This was approved as part of the Approved Settlement Agreement. In addition, Parties agreed that Hydro Ottawa would maintain the fixed and variable ratios that were above the Minimum System with Peak Load Carrying Capability ("PLCC"), unless required otherwise by the OEB. In addition, the fixed charge for the General Service > 50 kW class was set to \$200, and will be maintained at that level until 2020. Lastly, Parties agreed to bring Sentinel Lighting within the OEB-approved ranges by 2020. 



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Table 2 sets out Hydro Ottawa's Fixed and Variable Split. Please note that 2019 and 2020 may be adjusted as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018, in order to keep specific classes at their current fixed

3 price.

4

5

Table 2 - Current and Proposed Fixed/Variable Split

6

	2	2016	2017 <b>2018</b>		2019		2020			
	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %
Residential	52%	48%	64%	36%	76%	24%	88%	12%	100%	0%
General Service < 50 kW	24%	76%	24%	76%	25%	75%	25%	75%	25%	75%
General Service 50 to 1,499 kW	22%	78%	21%	79%	20%	80%	20%	80%	20%	80%
General Service 1,500 to 4,999 kW	36%	64%	34%	66%	32%	68%	31%	69%	30%	70%
Large Use	34%	66%	33%	67%	31%	69%	30%	70%	30%	70%
Unmetered Scattered Load	34%	66%	34%	66%	35%	65%	35%	65%	35%	65%
Standby Power	29%	71%	29%	71%	29%	71%	29%	71%	29%	71%
Sentinel Lighting	44%	56%	41%	59%	38%	62%	35%	65%	32%	68%
Street Lighting	43%	57%	43%	57%	43%	57%	43%	57%	43%	57%

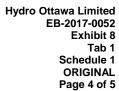
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1 Table 3 provides Hydro Ottawa's current and proposed fixed and variable charges.

#### Table 3 – Current and Proposed Fixed and Variable Charges

	20	17	20	)18
	Fixed \$	Variable \$/kWh or kW	Fixed \$	Variable \$/kWh or kW
Residential	16.60	0.0151	20.51	0.0105
General Service < 50 kW	17.89	0.0227	18.60	0.0238
General Service 50 to 1,499 kW	200.00	4.3245	200.00	4.5851
General Service 1,500 to 4,999 kW	4,193.93	3.9181	4,193.93	4.1834
Large Use	15,231.32	3.7199	15,231.32	3.9710
Unmetered Scattered Load	4.60	0.0226	4.83	0.0235
Standby Power GS 50 to 1,499 kW	132.38	1.7669	138.53	1.8489
Standby Power GS 1,500 to 4,999 kW	132.38	1.6206	138.53	1.6958
Standby Power Large Use	132.38	1.7984	138.53	1.8819
Sentinel Lighting	3.04	12.2794	3.25	13.8285
Street Lighting	0.80	5.6501	0.85	5.9758



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 1 Schedule 1 ORIGINAL Page 5 of 5

Table 4 provides a comparison of current and proposed monthly fixed charges with the floor and ceiling, as calculated in the cost allocation study.

3

### Table 4 – 2015 Current and 2018 Proposed Fixed Charge Comparison to Cost Allocation Floor and Ceiling (\$)

5 6

Customer Class	Cost Alle	ocation	2015 Rate	2018	
Customer Class	Floor	Ceiling	2015 Rate	Proposed Rate	
Residential	4.45	16.25	9.67	20.51	
General Service < 50 kW	6.98	24.19	16.72	18.60	
General Service 50 to 1,499 kW	40.66	98.17	260.82	200.00	
General Service 1,500 to 4,999 kW	163.72	528.16	4,193.93	4,193.93	
Large Use	74.02	592.72	15,231.32	15,231.32	
Unmetered Scattered Load	(0.03)	7.80	4.43	4.83	
Standby Power	197.29	260.56	122.41	138.53	
Sentinel Lighting	1.80	13.33	2.62	3.25	
Street Lighting	0.19	14.52	0.57	0.85	

7 <sup>8</sup>

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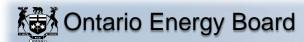
#### 3.0 TRANSFORMER OWNERSHIP CREDIT

10

11 The Transformer Ownership Credit ("TOC") is 0.45kW for customers who own their

12 transformers.

Hydro Ottawa Limited
EB-2017-0052
Exhibit 8
Tab 2
Schedule 1
Attachment 8-2(A)
ORIGINAL
Page 1 of 2



# Revenue Requirement Workform (RRWF) for 2018 Filers

#### **New Rate Design Policy For Residential Customers**

Please complete the following tables.

#### A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class							
Customers 305,1							
kWh	2,206,411,000						

Proposed Residential Class Specific Revenue	\$ 98,285,240.22
Requirement <sup>1</sup>	

Residential Base Rates on Current Tariff							
Monthly Fixed Charge (\$)	\$	16.60					
Distribution Volumetric Rate (\$/kWh)	\$	0.0151					

#### **B** Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	16.6	305,144	\$ 60,784,684.80	64.59%
Variable	0.0151	2,206,411,000	\$ 33,316,806.10	35.41%
TOTAL	-	-	\$ 94,101,490.90	-

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Exhibit 8
Tab 2
Schedule 1
Attachment 8-2(A)
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Page 2 of 2

#### C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy	_
Transition Years <sup>2</sup>	4

	st Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split		Reconciliation - Test Year Base Rates @ Current F/V Split		
Fixed	\$ 63,487,169.97	17.34	\$	63,494,363.52		
Variable	\$ 34,798,070.25	0.0158	\$	34,861,293.80		
TOTAL	\$ 98,285,240.22	-	\$	98,355,657.32		

	N 50/0 "	F	Revenue @ new Final Adjusted		Revenue Reconciliation @		
	New F/V Split		F/V Split	Base Rates			Adjusted Rates
Fixed	73.45%	\$	72,186,687.53	69	19.71	\$	72,172,658.88
Variable	26.55%	\$	26,098,552.69	\$	0.0118	\$	26,035,649.80
TOTAL	-	\$	98,285,240.22		-	\$	98,208,308.68

Checks <sup>3</sup>					
Change in Fixed Rate	\$	2.37			
Difference Between Revenues @ Proposed Rates		(\$76,931.54)			
and Class Specific Revenue Requirement		-0.08%			

#### Notes:

- The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)



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Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 2 Schedule 1 ORIGINAL Page 1 of 1

1	RATE DESIGN POLICY CONSULTATION
2	
3	On April 2, 2015, the OEB released its Board Policy - A New Distribution Rate Design
4	for Residential Electricity Customers (EB-2012-0410). As part of Hydro Ottawa's
5	Custom IR Application, it proposed to move Residential customers to a fully fixed charge
6	by January 1, 2020. Parties agreed to this approach in the Approved Settlement

Agreement and it was approved by the OEB in its Decision. Please see Exhibit 8-1-1 and Attachment 8-2-A for further information regarding the transition to a fully fixed rate.





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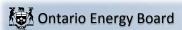
1 2 **RETAIL TRANSMISSION SERVICE RATES** 3 4 1.0 INTRODUCTION 5 6 The OEB issued Guideline G-2008-0001 – Electricity Distribution Retail Transmission 7 Service Rates (last revised June 28, 2012), which outlined information that the Board 8 requires electricity distributors to file to adjust their Retail Transmission Service Rates 9 ("RTSRs"). Subsequently, the OEB also provided a filing Workform which distributors 10 are required to complete and file. Hydro Ottawa has completed the 2018 RTSR 11 Workform for Electricity Distributors – version 1.1 issued by the OEB on July 14, 2017 to 12 update its 2018 rates. (Please see Attachment 8-3-A). 13 14 2.0 PROPOSED RTSR CHARGES FOR 2017 15 16 Consistent with the Approved Settlement Agreement, Hydro Ottawa updated RTSRs for 17 its 2018 rates as calculated by the OEB's RTSR Workform. Currently, the 2016 billing 18 determinants are the most recently reported in the Reporting and Record Keeping 19 Requirements ("RRR"). 20 21 Hydro Ottawa has attached the 2018 RTSR Workform in PDF format as part of this 22 Exhibit as Attachment 8-3-A and has also provided a live Excel version. 23 24 As part of the Approved Settlement Agreement, RTSRs are to be updated annually from 25 2017 through 2020, based on OEB-approved adjustments to the Hydro One Uniform 26 Transmission Rates ("UTRs") using the RTSR Workform. 27 28 Given that Hydro One UTRs are not typically approved in time for adjusting Hydro 29 Ottawa's rates on January 1, the Parties have agreed to set each year's RTSRs using 30 the previous year's UTRs. As per the Approved Settlement Agreement, the differences



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 3 Schedule 1 ORIGINAL Page 2 of 2

- 1 from the new yearly rates will be captured in Uniform System of Accounts 1584 RSVA
- 2 Network and 1586 RSVA Connection for future disposition.

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## 2018 RTSR Workform for Electricity Distributors

- 1. Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.
- 2. Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges

Rate Class	Unit	RTSR- Network	RTSR- Connection
Residential General Service Less Than 50 kW General Service 50 to 1,499 kW General Service 1,500 to 4,999 kW Large Use > 5000 kW Unmetered Scattered Load Sentinel Lighting Street Lighting Choose Rate Class	kWh kWh kW kW kW kWh kW	0.0074 0.0068 2.8016 2.9089 3.2246 0.0068 2.0681 2.0786	0.0047 0.0045 1.8174 1.9423 2.1873 0.0045 1.3501 1.3783
Choose Rate Class			

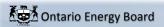
Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 3 Schedule 1 Attachment 8-3(A) ORIGINAL Page 2 of 10

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Ontario Energy Board

### 2018 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor eg: (1.0325)	Loss Adjusted Billed kWh
Decidental	DTOD Notwords	LAME	0.0074	0.000.005.000		4.0005	0.000.050.000
Residential	RTSR - Network	kWh	0.0074	2,260,335,626		1.0335	2,336,056,869
Residential	RTSR - Connection	kWh	0.0047	2,260,335,626		1.0335	2,336,056,869
General Service Less Than 50 kW	RTSR - Network	kWh	0.0068	733,311,565		1.0335	757,877,502
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0045	733,311,565		1.0335	757,877,502
General Service 50 to 1,499 kW	RTSR - Network	kW	2.8016	2,958,900,805	7,075,314		
General Service 50 to 1,499 kW	RTSR - Connection	kW	1.8174	2,958,900,805	7,075,314		
General Service 1,500 to 4,999 kW	RTSR - Network	kW	2.9089	805,583,761	1,726,981		
General Service 1,500 to 4,999 kW	RTSR - Connection	kW	1.9423	805,583,761	1,726,981		
Large Use > 5000 kW	RTSR - Network	kW	3.2246	588,872,536	1,071,626		
Large Use > 5000 kW	RTSR - Connection	kW	2.1873	588,872,536	1,071,626		
Unmetered Scattered Load	RTSR - Network	kWh	0.0068	15,659,015		1.0335	16,183,592
Unmetered Scattered Load	RTSR - Connection	kWh	0.0045	15,659,015		1.0335	16,183,592
Sentinel Lighting	RTSR - Network	kW	2.0681	48,064	134		
Sentinel Lighting	RTSR - Connection	kW	1.3501	48,064	134		
Street Lighting	RTSR - Network	kW	2.0786	45,206,290	125,463		
Street Lighting	RTSR - Connection	kW	1.3783	45,206,290	125,463		



# 2018 RTSR Workform for Electricity Distributors

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 3 Schedule 1 Attachment 8-3(A) ORIGINAL Page 3 of 10

Uniform Transmission Rates	Unit		20	16			2017		2018
Rate Description			Ra	ate			Rate		Rate
Network Service Rate	kW	\$			3.66	\$	3.66	\$	3.66
Line Connection Service Rate	kW	\$			0.87	\$	0.87	\$	0.87
Transformation Connection Service Rate	kW	\$			2.02	\$	2.02	\$	2.02
Hydro One Sub-Transmission Rates	Unit		20	16			2017		2018
Tryulo One Sub-Transmission Rates	Offic	J	lan 2016		o - Dec 2016		2017		2016
Rate Description			Ra	ate			Rate		Rate
Network Service Rate	kW	\$	3.4121	\$	3.3396	\$	3.1942	\$	3.1942
Line Connection Service Rate	kW	\$	0.7879	\$	0.7791	\$	0.7710	\$	0.7710
Transformation Connection Service Rate	kW	\$	1.8018	\$	1.7713	\$	1.7493	\$	1.7493
Both Line and Transformation Connection Service Rate	kW	\$	2.5897	\$	2.5504	\$	2.5203	\$	2.5203
If needed, add extra host here. (I)	Unit		20	16			2017		2018
Rate Description			Da	ate			Rate		Rate
Network Service Rate	kW		Ne	ale			Nate		Nate
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		Effect January	ctive 1, 2016	5		ffective ary 1, 2017		Effective nuary 1, 2018
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	\$			-	\$	-	\$	-
			Historio	al 201	6	Curi	rent 2017	For	ecast 2018
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$								

Ontario Energy Board

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## 2018 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". 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 transformer connection columns are completed.

IESO		Network		Line	Connec	tion	Transforn	Total Line		
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amoun
January	1,110,525	\$3.66	4,064,522	1,106,094	\$0.87	962,302	857,995	\$2.02	1,733,150	\$ 2,695,4
February	1,109,379	\$3.66	4,060,327	1,124,912	\$0.87	978,673	863,642	\$2.02	1,744,557	\$ 2,723,2
March	1,055,936	\$3.66	3,864,726	1,054,578	\$0.87	917,483	789,894	\$2.02	1,595,586	\$ 2,513,0
April	960,122	\$3.66	3,514,047	960,667	\$0.87	835,780	738,832	\$2.02	1,492,441	\$ 2,328,2
May	1,202,297	\$3.66	4,400,407	1,186,974	\$0.87	1,032,667	920,214	\$2.02	1,858,832	\$ 2,891,4
June	1,303,928	\$3.66	4,772,376	1,272,908	\$0.87	1,107,430	918,915	\$2.02	1,856,208	\$ 2,963,0
July	1,289,467	\$3.66	4,719,449	1,278,103	\$0.87	1,111,950	940,665	\$2.02	1,900,143	\$ 3,012,
August	1,304,729	\$3.66	4,775,308	1,281,137	\$0.87	1,114,589	955,106	\$2.02	1,929,314	\$ 3,043,
September	1,164,483	\$3.66	4,262,008	1,142,370	\$0.87	993,862	871,454	\$2.02	1,760,337	\$ 2,754,
October	1,002,561	\$3.66	3,669,373	996,935	\$0.87	867,333	771,349	\$2.02	1,558,125	\$ 2,425,
November	1,018,562	\$3.66	3,727,937	1,005,146	\$0.87	874,477	778,381	\$2.02	1,572,330	\$ 2,446,
December	1,168,480	\$3.66	4,276,637	1,119,911	\$0.87	974,323	890,313	\$2.02	1,798,432	\$ 2,772,
Total	13,690,469	\$ 3.66	5 \$ 50,107,117	13,529,735	\$ 0.87	\$ 11,770,869	10,296,760	\$ 2.02	\$ 20,799,455	\$ 32,570,3
							-			
Hydro One		Network		Line	Connec	tion	Transforn	nation Co	onnection	Total Li
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amour
January	62,804	\$3.41	\$ 214,292	4,061	\$0.79	\$ 3,200	62,050	\$1.80	\$ 111,802	\$ 115,
February	60,023	\$3.34	\$ 200,453	4,546	\$0.78	\$ 3,541	64,598	\$1.77	\$ 114,422	\$ 117,
March	57,561	\$3.34	\$ 192,230	4,150	\$0.78	\$ 3,233	57,011	\$1.77	\$ 100,983	\$ 104
April	49,453	\$3.34	\$ 165,153	3,751	\$0.78	\$ 2,923	50,042	\$1.77	\$ 88,640	\$ 91
May	40,369	\$3.34	\$ 134,816	3,778	\$0.78	\$ 2,944	42,465	\$1.77	\$ 75,218	\$ 78
Iune	45,442	\$3.34	\$ 151,757	3,989	\$0.78	\$ 3,107	44,755	\$1.77	\$ 79,275	\$ 82
July	46,395	\$3.34	\$ 151,737	3,917	\$0.78	\$ 3,052	45,676	\$1.77	\$ 80,906	\$ 83
August	49,384	\$3.34	\$ 164,923	4,090	\$0.78	\$ 3,186	48,734	\$1.77	\$ 86,322	\$ 89
September	45,364	\$3.34	\$ 151,497	3,534	\$0.78	\$ 2,754	44,820	\$1.77	\$ 79,390	\$ 82
October	36,287	\$3.34	\$ 151,497	630	\$0.78	\$ 2,754	36,958	\$1.77	\$ 65,465	\$ 65
November										
December	40,651 42,027	\$3.34 \$3.34	\$ 135,759 \$ 140,352	676 4,196	\$0.78 \$0.78	\$ 527 \$ 3,269	41,190 42,616	\$1.77 \$1.77	\$ 72,959 \$ 75,486	\$ 73 \$ 78
Total	575,760	\$ 3.35	5 \$ 1,927,357	41,318	\$ 0.78	\$ 32,227	580,915	\$ 1.77	\$ 1,030,868	\$ 1,063
extra Host Here (I) (if needed)		Network		Line	Connec	tion	Transforn	nation Co	onnection	Total L
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amou
January		\$0.00			\$0.00			\$0.00		\$
February		\$0.00			\$0.00			\$0.00		\$
March		\$0.00			\$0.00			\$0.00		\$
April		\$0.00			\$0.00			\$0.00		\$
May		\$0.00			\$0.00			\$0.00		\$
June		\$0.00			\$0.00			\$0.00		\$
July		\$0.00			\$0.00			\$0.00		\$
		\$0.00			\$0.00			\$0.00		\$
August										*
September		\$0.00			\$0.00			\$0.00		\$
October November		\$0.00			\$0.00			\$0.00		\$ \$
November December		\$0.00			\$0.00			\$0.00		\$
December		\$0.00			\$0.00			\$0.00		Ф

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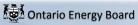


## 2018 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". 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 transformer connection columns are completed.

d Extra Host Here (II) (if needed)		Network		Line	Connec	tion	Transforn	nation C	onnection	Total Lir
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amoun
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ .
March		\$0.00			\$0.00			\$0.00		\$
April		\$0.00			\$0.00			\$0.00		\$
May		\$0.00			\$0.00			\$0.00		\$
June		\$0.00			\$0.00			\$0.00		\$
July		\$0.00			\$0.00			\$0.00		\$
August		\$0.00			\$0.00			\$0.00		\$
September		\$0.00			\$0.00			\$0.00		\$
October		\$0.00			\$0.00			\$0.00		\$
November		\$0.00			\$0.00			\$0.00		\$
December		\$0.00			\$0.00			\$0.00		\$
Total	- \$			-	\$ -		-	\$ -		\$
1 Otal	- 5		\$ -		\$ -	\$ -		<b>Ф</b> -	\$ -	φ
Total	- 4	Network	\$ -	Line	Connec		Transforn		-	Total Li
	Units Billed		Amount	Line Units Billed					-	
Total Month	Units Billed	Network Rate	Amount	Units Billed	Connec	Amount	Transform Units Billed	nation C	onnection  Amount	Total L
Total  Month  January	Units Billed 1,173,329	Network  Rate \$3.65	Amount \$ 4,278,814	Units Billed	Rate \$0.87	Amount \$ 965,502	Transforn Units Billed 920,045	Rate	Amount \$ 1,844,952	Amour
Total  Month  January February	Units Billed 1,173,329 1,169,402	Rate \$3.65 \$3.64	Amount \$ 4,278,814 \$ 4,260,780	Units Billed 1,110,155 1,129,458	Rate \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214	Transform Units Billed 920,045 928,240	Rate \$2.01 \$2.00	Amount \$ 1,844,952 \$ 1,858,979	Amou: \$ 2,810 \$ 2,841
Total  Month  January February March	Units Billed 1,173,329 1,169,402 1,113,497	Rate \$3.65 \$3.64 \$3.64	Amount \$ 4,278,814 \$ 4,260,780 \$ 4,056,956	Units Billed 1,110,155 1,129,458 1,058,728	Rate \$0.87 \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716	Transform Units Billed  920,045 928,240 846,905	Rate \$2.01 \$2.00 \$2.00	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569	* 2,810
Month  January February March April	Units Billed 1,173,329 1,169,402	Rate \$3.65 \$3.64	Amount \$ 4,278,814 \$ 4,260,780	Units Billed 1,110,155 1,129,458	Rate \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214	Transforn Units Billed 920,045 928,240 846,905 788,874	Rate \$2.01 \$2.00	Amount \$ 1,844,952 \$ 1,858,979	Total L  Amou: \$ 2,810 \$ 2,841 \$ 2,617 \$ 2,419
Month  January February March April May	Units Billed 1,173,329 1,169,402 1,113,497 1,009,575 1,242,666	Rate \$3.65 \$3.64 \$3.64 \$3.64 \$3.65	Amount \$ 4,278,814 \$ 4,260,780 \$ 4,056,956 \$ 3,679,200 \$ 4,535,223	Units Billed 1,110,155 1,129,458 1,058,728 964,418 1,190,752	\$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703 \$ 1,035,611	Transform Units Billed 920,045 928,240 846,905 788,874 962,679	Rate \$2.01 \$2.00 \$2.00 \$2.00	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050	Total L  Amou \$ 2,810 \$ 2,841 \$ 2,617 \$ 2,419 \$ 2,969
Month  January February March April	Units Billed 1,173,329 1,169,402 1,113,497 1,009,575	Rate \$3.65 \$3.64 \$3.64 \$3.64	Amount \$ 4,278,814 \$ 4,260,780 \$ 4,056,956 \$ 3,679,200 \$ 4,535,223	Units Billed 1,110,155 1,129,458 1,058,728 964,418	**Rate **\$0.87 **\$0.87 **\$0.87 **\$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703	Transforn Units Billed 920,045 928,240 846,905 788,874	Rate \$2.01 \$2.00 \$2.00 \$2.00 \$2.00 \$2.01	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050	Amou \$ 2,810 \$ 2,841 \$ 2,617 \$ 2,419 \$ 2,969 \$ 3,046
Month  January February March April May June	Units Billed  1,173,329 1,169,402 1,113,497 1,009,575 1,242,666 1,349,370	Rate \$3.65 \$3.64 \$3.64 \$3.64 \$3.65 \$3.65	Amount \$ 4,278,814 \$ 4,260,780 \$ 4,056,956 \$ 3,679,200 \$ 4,635,223 \$ 4,924,133	Units Billed 1,110,155 1,129,458 1,058,728 964,418 1,190,752 1,276,897	**Connec**  **Rate**  \$0.87  \$0.87  \$0.87  \$0.87  \$0.87  \$0.87  \$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703 \$ 1,035,611 \$ 1,110,537	Transform  Units Billed  920,045  928,240  846,905  788,874  962,679  963,670	Rate \$2.01 \$2.00 \$2.00 \$2.00 \$2.01 \$2.01	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050 \$ 1,935,483	Total L  Amou: \$ 2,810 \$ 2,841 \$ 2,617 \$ 2,419 \$ 2,969 \$ 3,046 \$ 3,096
Month  January February March April May June July	Units Billed  1,173,329 1,169,402 1,113,497 1,009,575 1,242,666 1,349,370 1,335,862	Rate \$3.65 \$3.64 \$3.64 \$3.64 \$3.65 \$3.65 \$3.65	Amount \$ 4,278,814 \$ 4,260,780 \$ 4,056,956 \$ 3,679,200 \$ 4,535,223 \$ 4,924,133 \$ 4,874,388	Units Billed  1,110,155 1,129,458 1,058,728 964,418 1,190,752 1,276,897 1,282,020	Rate \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87	\$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703 \$ 1,035,611 \$ 1,110,537 \$ 1,115,002	Transform  Units Billed  920,045 928,240 846,905 788,874 962,679 963,670 986,341	Rate \$2.01 \$2.00 \$2.00 \$2.00 \$2.00 \$2.01 \$2.01 \$2.01	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050 \$ 1,935,483 \$ 1,981,049	**Total L**  **Amou:  \$ 2,810 \$ 2,841 \$ 2,617 \$ 2,419 \$ 2,969 \$ 3,046 \$ 3,096 \$ 3,133
Month  January February March April May June July August	Units Billed  1,173,329 1,169,402 1,113,497 1,009,575 1,242,666 1,349,370 1,335,862 1,354,113	Rate \$3.65 \$3.64 \$3.64 \$3.64 \$3.65 \$3.65 \$3.65 \$3.65	Amount \$ 4,278,814 \$ 4,260,780 \$ 4,056,956 \$ 3,679,200 \$ 4,535,223 \$ 4,924,133 \$ 4,874,388 \$ 4,940,231	Units Billed  1,110,155 1,129,458 1,058,728 964,418 1,190,752 1,276,897 1,282,020 1,285,227	Rate \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703 \$ 1,035,611 \$ 1,110,537 \$ 1,115,002 \$ 1,117,775	Units Billed  920,045  928,240  846,905  788,874  962,679  963,670  986,341  1,003,840	Rate \$2.01 \$2.00 \$2.00 \$2.00 \$2.01 \$2.01 \$2.01 \$2.01	Amount  \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050 \$ 1,935,483 \$ 1,981,049 \$ 2,015,636	**Total L**  **Amou:  \$ 2,810 \$ 2,841 \$ 2,617 \$ 2,419 \$ 2,969 \$ 3,046 \$ 3,096 \$ 3,133 \$ 2,836
Month  January February March April May June July August September	Units Billed  1,173,329 1,169,402 1,113,497 1,009,575 1,242,666 1,349,370 1,335,862 1,354,113 1,209,847	Rate \$3.65 \$3.64 \$3.64 \$3.65 \$3.65 \$3.65 \$3.65 \$3.65 \$3.65	Amount  \$ 4,278,814  \$ 4,260,780  \$ 4,056,956  \$ 3,679,200  \$ 4,535,223  \$ 4,924,133  \$ 4,874,388  \$ 4,940,231  \$ 4,413,505	Units Billed  1,110,155 1,129,458 1,058,728 964,418 1,190,752 1,276,897 1,282,020 1,285,227 1,145,904	Rate \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703 \$ 1,035,611 \$ 1,110,537 \$ 1,115,002 \$ 1,117,775 \$ 996,616	Transform  Units Billed  920,045 928,240 846,905 788,874 962,679 963,670 986,341 1,003,840 916,274	Rate \$2.01 \$2.00 \$2.00 \$2.00 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050 \$ 1,935,483 \$ 1,981,049 \$ 2,015,636 \$ 1,839,727	**Total L**  **Amou**  ** 2,810  ** 2,841  ** 2,617  ** 2,419  ** 3,046  ** 3,036  ** 3,133  ** 2,836  ** 2,491
Month  January February March April May June July August September October	Units Billed  1,173,329 1,169,402 1,113,497 1,009,575 1,242,666 1,349,370 1,335,862 1,354,113 1,209,847 1,038,848	Rate \$3.65 \$3.64 \$3.64 \$3.65 \$3.65 \$3.65 \$3.65 \$3.65 \$3.65 \$3.65	Amount  \$ 4,278,814  \$ 4,260,780  \$ 4,056,956  \$ 3,679,200  \$ 4,535,223  \$ 4,924,133  \$ 4,874,388  \$ 4,940,231  \$ 4,413,505  \$ 3,790,559	Units Billed  1,110,155 1,129,458 1,058,728 964,418 1,190,752 1,276,897 1,282,020 1,285,227 1,145,904 997,565	\$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87 \$0.87	Amount \$ 965,502 \$ 982,214 \$ 920,716 \$ 838,703 \$ 1,035,611 \$ 1,110,537 \$ 1,115,002 \$ 1,117,775 \$ 996,616 \$ 867,824	Transform  Units Billed  920,045  928,240  846,905  788,874  962,679  963,670  986,341  1,003,840  916,274  808,307	Rate \$2.01 \$2.00 \$2.00 \$2.00 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01 \$2.01	Amount \$ 1,844,952 \$ 1,858,979 \$ 1,696,569 \$ 1,581,081 \$ 1,934,050 \$ 1,935,483 \$ 1,981,049 \$ 2,015,636 \$ 1,839,727 \$ 1,623,590	Total Li  Amount \$ 2,810, \$ 2,841, \$ 2,617, \$ 2,419, \$ 3,046, \$ 3,036, \$ 3,133, \$ 2,836, \$ 2,491,

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2018 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2017 Uniform Transmission Rates are applied against historical 2016 transmission units.

		Network		Line	e Connecti	on	Transforn	nation Co	onnection	Total Lin
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amoun
January	1,110,525 \$	3.6600	\$ 4,064,522	1,106,094	\$ 0.8700	\$ 962,302	857,995	\$ 2.0200	\$ 1,733,150	\$ 2,695,4
February	1,109,379 \$		\$ 4,060,327			\$ 978,673		\$ 2.0200	\$ 1,744,557	\$ 2,723,2
March	1,055,936 \$	3.6600	\$ 3,864,726	1,054,578	\$ 0.8700	\$ 917,483	789,894	\$ 2.0200	\$ 1,595,586	\$ 2,513,0
April	960,122 \$	3.6600			\$ 0.8700		738,832		\$ 1,492,441	\$ 2,328,2
May	1,202,297 \$	3.6600				\$ 1,032,667	920,214		\$ 1,858,832	\$ 2,891,5
June	1,303,928 \$	3.6600				\$ 1,107,430	918,915		\$ 1,856,208	\$ 2,963,6
July	1,289,467 \$					\$ 1,111,950			\$ 1,900,143	
		3.6600								
August	1,304,729 \$					\$ 1,114,589			\$ 1,929,314	\$ 3,043,9
September	1,164,483 \$	3.6600			\$ 0.8700		871,454		\$ 1,760,337	\$ 2,754,
October	1,002,561 \$		\$ 3,669,373			\$ 867,333			\$ 1,558,125	\$ 2,425,4
November	1,018,562 \$		\$ 3,727,937			\$ 874,477			\$ 1,572,330	\$ 2,446,8
December	1,168,480 \$	3.6600	\$ 4,276,637	1,119,911	\$ 0.8700	\$ 974,323	890,313	\$ 2.0200	\$ 1,798,432	\$ 2,772,7
Total	13,690,469 \$	3.66	\$ 50,107,117	13,529,735	\$ 0.87	\$ 11,770,869	10,296,760	\$ 2.02	\$ 20,799,455	\$ 32,570,3
Hydro One		Network		Line	e Connecti	on	Transforn	nation Co	onnection	Total Lin
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amoun
January	62,804 \$	3.1942			\$ 0.7710		62,050	\$ 1.7493	\$ 108,544	\$ 111,6
February	60,023 \$	3.1942	\$ 191,725	4,546	\$ 0.7710	\$ 3,505	64,598	\$ 1.7493	\$ 113,001	\$ 116,5
March	57,561 \$	3.1942	\$ 183,861	4,150	\$ 0.7710	\$ 3,200	57,011	\$ 1.7493	\$ 99,729	\$ 102,9
April	49,453 \$	3.1942	\$ 157,963	3,751	\$ 0.7710	\$ 2,892	50,042	\$ 1.7493	\$ 87,538	\$ 90,4
May	40,369 \$	3.1942	\$ 128,947	3,778	\$ 0.7710	\$ 2,913	42,465	\$ 1.7493	\$ 74,284	\$ 77,
June	45,442 \$	3.1942	\$ 145,151	3,989	\$ 0.7710	\$ 3,076	44,755	\$ 1.7493	\$ 78,290	\$ 81,3
July	46,395 \$	3.1942		3,917	\$ 0.7710	\$ 3,020	45,676	\$ 1.7493	\$ 79,901	\$ 82,9
August	49,384 \$	3.1942			\$ 0.7710				\$ 85,250	\$ 88,4
September	45,364 \$	3.1942			\$ 0.7710				\$ 78,404	\$ 81,
October	36,287 \$	3.1942			\$ 0.7710				\$ 64,651	\$ 65,
November	40,651 \$	3.1942			\$ 0.7710				\$ 72,054	\$ 72,5
December	42,027 \$	3.1942			\$ 0.7710			\$ 1.7493		\$ 77,7
Total	575,760 \$	3.19	\$ 1,839,093	41,318	\$ 0.77	\$ 31,856	580,915	\$ 1.75	\$ 1,016,195	\$ 1,048,0
d Extra Host Here (I)		Network		Line	e Connecti	ion	Transforn	nation Co	onnection	Total Lin
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amoun
January	- \$	-	\$ -	- :	\$ -	\$ -	_	\$ -	\$ -	\$
February	- \$		\$ -		•	\$ -		\$ -	\$ -	\$
March	- \$		\$ -		•	\$ -		\$ -	\$ -	\$
April	- \$		\$ -		•	\$ -		\$ -	\$ -	\$
May	- \$		\$ -		•	\$ -		\$ -	\$ -	\$
*	- \$		\$ -			\$ -		\$ -	\$ -	\$
June July	- \$ - \$				•		-		<b>D</b> -	Ф
	- \$	-	\$ -						•	•
			•		•	\$ -		\$ -	\$ -	\$
August	- \$		\$ -	- :	\$ -	\$ -	-	\$ -	\$ -	\$
August September	- \$	-	\$ -	- : - :	\$ - \$ -	\$ - \$ -	-	\$ - \$ -	\$ - \$ -	\$
August September October	- \$ - \$	-	\$ - \$ -	- : - :	\$ - \$ - \$ -	\$ - \$ - \$ -		\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$
August September October November	- \$ - \$ - \$	- -	\$ - \$ - \$ -	- : - : - :	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	- - -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$ \$ \$
August September October	- \$ - \$	- -	\$ - \$ -	- : - : - :	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -	- - -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$
August September October November	- \$ - \$ - \$	- - -	\$ - \$ - \$ -	- :	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	- - - -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$ \$ \$
August September October November December	- \$ - \$ - \$	- - -	\$ - \$ - \$ - \$ -	- :	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	- - - - -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$
August September October November December	- \$ - \$ - \$	-	\$ - \$ - \$ - \$ -	- :	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	- - - - -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$
August September October November December  Total  d Extra Host Here (II)	- \$ - \$ - \$ - \$	Network	\$ - \$ - \$ - \$ - \$ -	Line	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	Transform	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ Total Lin
August September October November December  Total d Extra Host Here (II)	- \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ - \$ - \$ Connecti	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform	\$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - \$ - Amount	\$ \$ \$ \$ \$ Total Lin
August September October November December  Total d Extra Host Here (II)  Month January	- \$ - \$ - \$ - \$ - \$ Units Billed	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ Connecti	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform	\$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - Onnection  Amount	\$ \$ \$ \$ \$ Total Lin Amoun
August September October November December  Total  d Extra Host Here (II)  Month  January February	- \$ - \$ - \$ - \$ Units Billed - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transforn Units Billed	\$	\$ - \$ - \$ - \$ - \$ - Onnection  Amount \$ - \$ -	\$ \$ \$ \$ \$ Total Lin  Amount \$
August September October November December  Total  d Extra Host Here (II)  Month  January February March	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$	\$ - \$ - \$ - \$ - \$ - <b>S</b> - <b>S</b> - <b>S</b> - <b>S</b> - <b>S</b> -	S S S S Total Lin
August September October November December  Total  d Extra Host Here (II)  Month  January February March April	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - Onnection  Amount  \$ - \$ - \$ - \$ -	S S S S Total Lin Amoun
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	S - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S Total Lin Amoun
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June July	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S Total Lin Amoun
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June July August	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network  Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S S S S S S S S S S S S S S S
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June July August September	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	S - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S Total Lin Amoun S S S S S S S S S S S S S S S S S S S
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June July August September October	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	Rate  S - S - S - S - S - S - S - S - S - S	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$ - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Total Lin  Amount  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June July August September	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	Rate  S - S - S - S - S - S - S - S - S - S	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S S Total Lin Amoun S S S S S S S S S S S S S S S S S S S
August September October November December  Total  d Extra Host Here (II)  Month  January February March April May June July August September October November	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line Units Billed	S - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Transform Units Billed	\$ - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S S S S Total Lin Amoun S S S S S S S S S S S S S S S S S S S

# 2018 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2017 Uniform Transmission Rates are applied against historical 2016 transmission units.

Units Billed	Rate		Amount	Units Billed	Rate		Amount	Units Billed	Rate		Amount		Amount
1,173,329	\$3.64	\$	4,265,130	1,110,155	\$0.87	\$	965,433	920,045	\$2.00	\$	1,841,694	\$	2,807,127
1,169,402	\$3.64	\$	4,252,053	1,129,458	\$0.87	\$	982,178	928,240	\$2.00	\$	1,857,558	\$	2,839,737
1,113,497	\$3.64	\$	4,048,587	1,058,728	\$0.87	\$	920,683	846,905	\$2.00	\$	1,695,315	\$	2,615,998
1,009,575	\$3.64	\$	3,672,009	964,418	\$0.87	\$	838,672	788,874	\$2.00	\$	1,579,979	\$	2,418,651
1,242,666	\$3.64	\$	4,529,354	1,190,752	\$0.87	\$	1,035,580	962,679	\$2.01	\$	1,933,116	\$	2,968,697
1,349,370	\$3.64	\$	4,917,527	1,276,897	\$0.87	\$	1,110,505	963,670	\$2.01	\$	1,934,498	\$	3,045,004
1,335,862	\$3.64	\$	4,867,644	1,282,020	\$0.87	\$	1,114,970	986,341	\$2.01	\$	1,980,044	\$	3,095,014
1,354,113	\$3.64	\$	4,933,051	1,285,227	\$0.87	\$	1,117,743	1,003,840	\$2.01	\$	2,014,565	\$	3,132,307
1,209,847	\$3.64	\$	4,406,909	1,145,904	\$0.87	\$	996,587	916,274	\$2.01	\$	1,838,741	\$	2,835,327
1,038,848	\$3.64	\$	3,785,281	997,565	\$0.87	\$	867,819	808,307	\$2.01	\$	1,622,776	\$	2,490,595
1,059,213	\$3.64	\$	3,857,784	1,005,822	\$0.87	\$	874,998	819,571	\$2.01	\$	1,644,383	\$	2,519,382
1,210,507	\$3.64	\$	4,410,879	1,124,107	\$0.87	\$	977,558	932,929	\$2.01	\$	1,872,980	\$	2,850,538
14,266,229 \$	3.64	\$	51,946,209	13,571,053	\$ 0.87	\$	11,802,726	10,877,675	\$ 2.01	\$	21,815,650	\$	33,618,375
	1,173,329 1,169,402 1,113,497 1,009,575 1,242,666 1,349,370 1,335,862 1,354,113 1,209,847 1,038,848 1,059,213 1,210,507	1,173,329 \$3.64 1,169,402 \$3.64 1,113,497 \$3.64 1,009,575 \$3.64 1,242,666 \$3.64 1,349,370 \$3.64 1,335,862 \$3.64 1,354,113 \$3.64 1,209,847 \$3.64 1,038,848 \$3.64 1,059,213 \$3.64 1,210,507 \$3.64	1,173,329 \$3,64 \$ 1,169,402 \$3,64 \$ 1,113,497 \$3,64 \$ 1,009,575 \$3,64 \$ 1,242,666 \$3,64 \$ 1,349,370 \$3,64 \$ 1,335,862 \$3,64 \$ 1,354,113 \$3,64 \$ 1,209,847 \$3,64 \$ 1,038,848 \$3,64 \$ 1,059,213 \$3,64 \$ 1,210,507 \$3,64 \$	1,173,329 \$3.64 \$ 4,265,130 1,169,402 \$3.64 \$ 4,252,053 1,113,497 \$3.64 \$ 4,048,587 1,009,575 \$3.64 \$ 3,672,009 1,242,666 \$3.64 \$ 4,529,354 1,349,370 \$3.64 \$ 4,917,527 1,335,862 \$3.64 \$ 4,917,527 1,354,113 \$3.64 \$ 4,933,051 1,209,847 \$3.64 \$ 4,406,909 1,038,848 \$3.64 \$ 3,785,281 1,059,213 \$3.64 \$ 3,857,784 1,210,507 \$3.64 \$ 4,410,879	1,173,329 \$3.64 \$ 4,265,130 1,110,155 1,169,402 \$3.64 \$ 4,252,053 1,129,458 1,113,497 \$3.64 \$ 4,048,587 1,058,728 1,009,575 \$3.64 \$ 3,672,009 964,418 1,242,666 \$3.64 \$ 4,529,354 1,190,752 1,349,370 \$3.64 \$ 4,917,527 1,276,897 1,335,862 \$3.64 \$ 4,867,644 1,282,020 1,354,113 \$3.64 \$ 4,933,051 1,285,227 1,209,847 \$3.64 \$ 4,06,909 1,145,904 1,038,848 \$3.64 \$ 3,785,281 997,565 1,059,213 \$3.64 \$ 3,857,784 1,005,822 1,210,507 \$3.64 \$ 4,410,879 1,124,107	1,173,329         \$3.64         \$ 4,265,130         1,110,155         \$0.87           1,169,402         \$3.64         \$ 4,252,053         1,129,458         \$0.87           1,113,497         \$3.64         \$ 4,048,587         1,058,728         \$0.87           1,009,575         \$3.64         \$ 4,049,587         1,058,728         \$0.87           1,242,666         \$3.64         \$ 4,529,354         1,190,752         \$0.87           1,349,370         \$3.64         \$ 4,917,527         1,276,897         \$0.87           1,354,113         \$3.64         \$ 4,867,644         1,282,020         \$0.87           1,209,847         \$3.64         \$ 4,933,051         1,285,227         \$0.87           1,038,848         \$3.64         \$ 3,785,281         997,565         \$0.87           1,059,213         \$3.64         \$ 3,857,784         1,005,822         \$0.87           1,210,507         \$3.64         \$ 4,410,879         1,124,107         \$0.87	1,173,329         \$3.64         \$ 4,265,130         1,110,155         \$0.87         \$           1,169,402         \$3.64         \$ 4,252,053         1,129,458         \$0.87         \$           1,113,497         \$3.64         \$ 4,048,587         1,058,728         \$0.87         \$           1,009,575         \$3.64         \$ 4,049,587         1,058,728         \$0.87         \$           1,242,666         \$3.64         \$ 4,529,354         1,190,752         \$0.87         \$           1,349,370         \$3.64         \$ 4,917,527         1,276,897         \$0.87         \$           1,354,113         \$3.64         \$ 4,867,644         1,282,020         \$0.87         \$           1,209,847         \$3.64         \$ 4,933,051         1,285,227         \$0.87         \$           1,038,848         \$3.64         \$ 4,406,909         1,145,904         \$0.87         \$           1,059,213         \$3.64         \$ 3,857,784         1,005,822         \$0.87         \$           1,210,507         \$3.64         \$ 4,410,879         1,124,107         \$0.87         \$	1,173,329         \$3.64         \$4,265,130         1,110,155         \$0.87         \$965,433           1,169,402         \$3.64         \$4,252,053         1,129,458         \$0.87         \$982,178           1,113,497         \$3.64         \$4,048,587         1,058,728         \$0.87         \$920,683           1,009,575         \$3.64         \$3,672,009         964,418         \$0.87         \$38,672           1,242,666         \$3.64         \$4,529,354         1,190,752         \$0.87         \$1,035,580           1,349,370         \$3.64         \$4,917,527         1,276,897         \$0.87         \$1,110,970           1,354,113         \$3.64         \$4,867,644         1,282,020         \$0.87         \$1,117,743           1,209,847         \$3.64         \$4,406,909         1,145,904         \$0.87         \$96,587           1,038,848         \$3.64         \$3,785,281         997,565         \$0.87         \$67,819           1,059,213         \$3.64         \$4,410,879         1,124,107         \$0.87         \$977,558	1,173,329         \$3,64         \$ 4,265,130         1,110,155         \$0.87         \$ 965,433         920,045           1,169,402         \$3.64         \$ 4,252,053         1,129,458         \$0.87         \$ 982,178         928,240           1,113,497         \$3.64         \$ 4,048,587         1,058,728         \$0.87         \$ 920,683         846,905           1,009,575         \$3.64         \$ 3,672,009         964,418         \$0.87         \$ 838,672         788,874           1,242,666         \$3.64         \$ 4,529,354         1,190,752         \$0.87         \$ 1,035,580         962,679           1,349,370         \$3.64         \$ 4,917,527         1,276,897         \$0.87         \$ 1,110,505         963,670           1,335,862         \$3.64         \$ 4,867,644         1,282,020         \$0.87         \$ 1,114,970         986,341           1,354,113         \$3.64         \$ 4,933,051         1,285,227         \$0.87         \$ 1,117,743         1,003,840           1,209,847         \$3.64         \$ 4,406,909         1,145,904         \$0.87         \$ 996,587         916,274           1,038,848         \$3.64         \$ 3,785,281         997,565         \$0.87         \$ 867,819         808,307           1,059,213	1,173,329         \$3.64         \$ 4,265,130         1,110,155         \$0.87         \$ 965,433         920,045         \$2.00           1,169,402         \$3.64         \$ 4,252,053         1,129,458         \$0.87         \$ 982,178         928,240         \$2.00           1,113,497         \$3.64         \$ 4,048,587         1,058,728         \$0.87         \$ 920,683         846,905         \$2.00           1,009,575         \$3.64         \$ 3,672,009         964,418         \$0.87         \$ 838,672         788,874         \$2.00           1,242,666         \$3.64         \$ 4,529,354         1,190,752         \$0.87         \$ 1,035,580         962,679         \$2.01           1,349,370         \$3.64         \$ 4,917,527         1,276,897         \$0.87         \$ 1,110,505         963,670         \$2.01           1,354,113         \$3.64         \$ 4,867,644         1,282,020         \$0.87         \$ 1,117,743         1,003,840         \$2.01           1,209,847         \$3.64         \$ 4,406,909         1,145,904         \$0.87         \$ 996,587         916,274         \$2.01           1,038,848         \$3.64         \$ 3,785,281         997,565         \$0.87         \$ 867,819         808,307         \$2.01           1,059,213 <td>1,173,329         \$3.64         \$ 4,265,130         1,110,155         \$0.87         \$ 965,433         920,045         \$2.00         \$           1,169,402         \$3.64         \$ 4,252,053         1,129,458         \$0.87         \$ 982,178         922,240         \$2.00         \$           1,113,497         \$3.64         \$ 4,048,687         1,058,728         \$0.87         \$ 920,683         846,905         \$2.00         \$           1,009,575         \$3.64         \$ 3,672,009         964,418         \$0.87         \$ 838,672         788,874         \$2.00         \$           1,242,666         \$3.64         \$ 4,529,354         1,190,752         \$0.87         \$ 1,035,580         962,679         \$2.01         \$           1,349,370         \$3.64         \$ 4,867,644         1,228,020         \$0.87         \$ 1,110,505         963,670         \$2.01         \$           1,354,113         \$3.64         \$ 4,833,051         1,285,227         \$0.87         \$ 1,117,743         1,003,840         \$2.01         \$           1,209,847         \$3.64         \$ 4,406,909         1,145,904         \$0.87         \$ 996,587         916,274         \$2.01         \$           1,038,848         \$3.64         \$ 3,785,281         99</td> <td>1,173,329       \$3.64       \$ 4,265,130       1,110,155       \$0.87       \$ 965,433       920,045       \$2.00       \$ 1,841,694         1,169,402       \$3.64       \$ 4,252,053       1,129,458       \$0.87       \$ 982,178       928,240       \$2.00       \$ 1,857,558         1,113,497       \$3.64       \$ 4,048,587       1,058,728       \$0.87       \$ 920,683       846,905       \$2.00       \$ 1,695,315         1,009,575       \$3.64       \$ 3,672,009       964,418       \$0.87       \$ 338,672       788,874       \$2.00       \$ 1,579,979         1,242,666       \$3.64       \$ 4,529,354       1,190,752       \$0.87       \$ 1,035,580       962,679       \$2.01       \$ 1,933,116         1,349,370       \$3.64       \$ 4,867,644       1,282,020       \$0.87       \$ 1,114,970       986,341       \$2.01       \$ 1,980,044         1,354,113       \$3.64       \$ 4,933,051       1,285,227       \$0.87       \$ 1,117,743       1,003,840       \$2.01       \$ 2,014,665         1,209,847       \$3.64       \$ 4,406,909       1,145,904       \$0.87       \$ 996,587       916,274       \$2.01       \$ 1,838,741         1,038,848       \$3.64       \$ 3,785,281       997,565       \$0.87       \$ 867,819</td> <td>1,173,329 \$3.64 \$ 4,265,130 1,110,155 \$0.87 \$ 965,433 920,045 \$2.00 \$ 1,841,694 \$ 1,169,402 \$3.64 \$ 4,252,053 1,129,458 \$0.87 \$ 982,178 928,240 \$2.00 \$ 1,657,558 \$ 1,113,497 \$3.64 \$ 4,048,587 1,058,728 \$0.87 \$ 920,683 846,905 \$2.00 \$ 1,695,315 \$ 1,009,575 \$3.64 \$ 3,672,009 964,418 \$0.87 \$ 838,672 788,874 \$2.00 \$ 1,579,979 \$ 1,242,666 \$3.64 \$ 4,529,354 1,190,752 \$0.87 \$ 1,035,580 962,679 \$2.01 \$ 1,933,116 \$ 1,349,370 \$3.64 \$ 4,917,527 1,276,897 \$0.87 \$ 1,114,970 963,41 \$2.01 \$ 1,934,498 \$ 1,335,862 \$3.64 \$ 4,867,644 1,282,020 \$0.87 \$ 1,111,4970 986,341 \$2.01 \$ 1,980,044 \$ 1,354,113 \$3.64 \$ 4,933,051 1,255,227 \$0.87 \$ 1,117,743 1,003,840 \$2.01 \$ 2,014,565 \$ 1,209,847 \$3.64 \$ 4,406,909 1,145,904 \$0.87 \$ 996,587 916,274 \$2.01 \$ 1,838,741 \$ 1,038,848 \$3.64 \$ 3,785,281 997,565 \$0.87 \$ 874,998 819,571 \$2.01 \$ 1,644,383 \$ 1,210,507 \$3.64 \$ 4,410,879 1,124,107 \$0.87 \$ 977,558 932,929 \$2.01 \$ 1,872,980 \$</td>	1,173,329         \$3.64         \$ 4,265,130         1,110,155         \$0.87         \$ 965,433         920,045         \$2.00         \$           1,169,402         \$3.64         \$ 4,252,053         1,129,458         \$0.87         \$ 982,178         922,240         \$2.00         \$           1,113,497         \$3.64         \$ 4,048,687         1,058,728         \$0.87         \$ 920,683         846,905         \$2.00         \$           1,009,575         \$3.64         \$ 3,672,009         964,418         \$0.87         \$ 838,672         788,874         \$2.00         \$           1,242,666         \$3.64         \$ 4,529,354         1,190,752         \$0.87         \$ 1,035,580         962,679         \$2.01         \$           1,349,370         \$3.64         \$ 4,867,644         1,228,020         \$0.87         \$ 1,110,505         963,670         \$2.01         \$           1,354,113         \$3.64         \$ 4,833,051         1,285,227         \$0.87         \$ 1,117,743         1,003,840         \$2.01         \$           1,209,847         \$3.64         \$ 4,406,909         1,145,904         \$0.87         \$ 996,587         916,274         \$2.01         \$           1,038,848         \$3.64         \$ 3,785,281         99	1,173,329       \$3.64       \$ 4,265,130       1,110,155       \$0.87       \$ 965,433       920,045       \$2.00       \$ 1,841,694         1,169,402       \$3.64       \$ 4,252,053       1,129,458       \$0.87       \$ 982,178       928,240       \$2.00       \$ 1,857,558         1,113,497       \$3.64       \$ 4,048,587       1,058,728       \$0.87       \$ 920,683       846,905       \$2.00       \$ 1,695,315         1,009,575       \$3.64       \$ 3,672,009       964,418       \$0.87       \$ 338,672       788,874       \$2.00       \$ 1,579,979         1,242,666       \$3.64       \$ 4,529,354       1,190,752       \$0.87       \$ 1,035,580       962,679       \$2.01       \$ 1,933,116         1,349,370       \$3.64       \$ 4,867,644       1,282,020       \$0.87       \$ 1,114,970       986,341       \$2.01       \$ 1,980,044         1,354,113       \$3.64       \$ 4,933,051       1,285,227       \$0.87       \$ 1,117,743       1,003,840       \$2.01       \$ 2,014,665         1,209,847       \$3.64       \$ 4,406,909       1,145,904       \$0.87       \$ 996,587       916,274       \$2.01       \$ 1,838,741         1,038,848       \$3.64       \$ 3,785,281       997,565       \$0.87       \$ 867,819	1,173,329 \$3.64 \$ 4,265,130 1,110,155 \$0.87 \$ 965,433 920,045 \$2.00 \$ 1,841,694 \$ 1,169,402 \$3.64 \$ 4,252,053 1,129,458 \$0.87 \$ 982,178 928,240 \$2.00 \$ 1,657,558 \$ 1,113,497 \$3.64 \$ 4,048,587 1,058,728 \$0.87 \$ 920,683 846,905 \$2.00 \$ 1,695,315 \$ 1,009,575 \$3.64 \$ 3,672,009 964,418 \$0.87 \$ 838,672 788,874 \$2.00 \$ 1,579,979 \$ 1,242,666 \$3.64 \$ 4,529,354 1,190,752 \$0.87 \$ 1,035,580 962,679 \$2.01 \$ 1,933,116 \$ 1,349,370 \$3.64 \$ 4,917,527 1,276,897 \$0.87 \$ 1,114,970 963,41 \$2.01 \$ 1,934,498 \$ 1,335,862 \$3.64 \$ 4,867,644 1,282,020 \$0.87 \$ 1,111,4970 986,341 \$2.01 \$ 1,980,044 \$ 1,354,113 \$3.64 \$ 4,933,051 1,255,227 \$0.87 \$ 1,117,743 1,003,840 \$2.01 \$ 2,014,565 \$ 1,209,847 \$3.64 \$ 4,406,909 1,145,904 \$0.87 \$ 996,587 916,274 \$2.01 \$ 1,838,741 \$ 1,038,848 \$3.64 \$ 3,785,281 997,565 \$0.87 \$ 874,998 819,571 \$2.01 \$ 1,644,383 \$ 1,210,507 \$3.64 \$ 4,410,879 1,124,107 \$0.87 \$ 977,558 932,929 \$2.01 \$ 1,872,980 \$



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# 2018 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2018 Uniform Transmission Rates are applied against historical 2016 transmission units.

IESO		Network		Line	e Connect	ion	Transfor	nation Co	nnection	Т	otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	1,110,525	\$ 3.6600	\$ 4,064,522	1,106,094	\$ 0.8700	\$ 962,302	857,995	\$ 2.0200	\$ 1,733,150	\$	2,695,45
February	1,109,379	\$ 3.6600	\$ 4,060,327	1,124,912	\$ 0.8700	\$ 978,673	863.642	\$ 2.0200	\$ 1,744,557	\$	2,723,23
March		\$ 3.6600				\$ 917,483		\$ 2.0200		\$	2,513,06
										\$	2,328,22
April		\$ 3.6600						\$ 2.0200			
May		\$ 3.6600		1,186,974		\$ 1,032,667		\$ 2.0200		\$	2,891,50
June	1,303,928	\$ 3.6600	\$ 4,772,376	1,272,908	\$ 0.8700	\$ 1,107,430	918,915	\$ 2.0200	\$ 1,856,208	\$	2,963,6
July	1,289,467	\$ 3.6600	\$ 4,719,449	1,278,103	\$ 0.8700	\$ 1,111,950	940,665	\$ 2.0200	\$ 1,900,143	\$	3,012,0
August	1,304,729	\$ 3.6600		1,281,137		\$ 1,114,589			\$ 1,929,314	\$	3,043,9
September	1 164 483	\$ 3.6600				\$ 993,862		\$ 2.0200		\$	2,754,1
October			\$ 3,669,373			\$ 867,333		\$ 2.0200		\$	2,425,4
November			\$ 3,727,937			\$ 874,477		\$ 2.0200		\$	2,446,8
December	1,168,480	\$ 3.6600	\$ 4,276,637	1,119,911	\$ 0.8700	\$ 974,323	890,313	\$ 2.0200	\$ 1,798,432	\$	2,772,7
Total	13,690,469	\$ 3.66	\$ 50,107,117	13,529,735	\$ 0.87	\$ 11,770,869	10,296,760	\$ 2.02	\$ 20,799,455	\$	32,570,3
Hydro One		Network		Line	e Connect	ion	Transfor	mation Co	nnection	T	otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	62,804	\$ 3.1942	\$ 200,609	4,061	\$ 0.7710	\$ 3,131	62,050	\$ 1.7493	\$ 108,544	\$	111,6
February		\$ 3.1942				\$ 3,505		\$ 1.7493		\$	116,5
*		\$ 3.1942								\$	
March						\$ 3,200		\$ 1.7493			102,9
April		\$ 3.1942				\$ 2,892		\$ 1.7493		\$	90,4
May	40,369	\$ 3.1942	\$ 128,947	3,778	\$ 0.7710	\$ 2,913	42,465	\$ 1.7493	\$ 74,284	\$	77,
June	45,442	\$ 3.1942	\$ 145,151	3,989	\$ 0.7710	\$ 3,076	44,755	\$ 1.7493	\$ 78,290	\$	81,3
July	46.395	\$ 3.1942	\$ 148,195	3.917	\$ 0.7710	\$ 3,020	45.676	\$ 1.7493	\$ 79,901	\$	82,9
August		\$ 3.1942				\$ 3,153		\$ 1.7493		\$	88,4
September		\$ 3.1942				\$ 2,725			\$ 78,404	\$	81,1
October		\$ 3.1942				\$ 486		\$ 1.7493		\$	65,1
November	40,651	\$ 3.1942	\$ 129,847	676	\$ 0.7710	\$ 521	41,190	\$ 1.7493	\$ 72,054	\$	72,5
December	42,027	\$ 3.1942	\$ 134,243	4,196	\$ 0.7710	\$ 3,235	42,616	\$ 1.7493	\$ 74,548	\$	77,7
Total	575,760	\$ 3.19	\$ 1,839,093	41,318	\$ 0.77	\$ 31,856	580,915	\$ 1.75	\$ 1,016,195	\$	1,048,0
l Extra Host Here (I)		Network		Line	e Connect	ion	Transfor	mation Co	nnection	Т	otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
February	_	\$ -	\$ -		\$ -	\$ -	-	\$ -	\$ -	\$	
March		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$	
	-		•	-		•	•	*			
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
T1		s -	s -		\$ -	\$ -		s -	\$ -	\$	
july	-		φ -	-	ъ -	φ -	-	<b>Ъ</b> -		Ψ	
July August	-		•	-	•	•	-	*			
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$	
August September	- - -	\$ - \$ -	\$ - \$ -	-	\$ - \$ -	\$ - \$ -	- -	\$ - \$ -	\$ - \$ -	\$	
August September October	- - -	\$ - \$ - \$ -	\$ - \$ - \$ -	- - -	\$ - \$ - \$ -	\$ - \$ - \$ -	- - -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$	
August September	- - - -	\$ - \$ - \$ -	\$ - \$ -	- - - -	\$ - \$ -	\$ - \$ -	- - - -	\$ - \$ -	\$ - \$ -	\$	
August September October		\$ - \$ - \$ -	\$ - \$ - \$ -	: : : :	\$ - \$ - \$ -	\$ - \$ - \$ -	: : :	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$	
August September October November	-	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	-	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	: : : : :	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ \$ \$	
August September October November December	: : : :	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$	
August September October November December	Units Billed	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$	otal Lin
August September October November December Total		\$ - \$ - \$ - \$ - \$ - <b>Network</b>	\$ - \$ - \$ - \$ - \$ - \$ -	Line	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	Transfor	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$	otal Lin
August September October November December  Total  Extra Host Here (II)		\$ - \$ - \$ - \$ - \$ - <b>Network</b>	\$ - \$ - \$ - \$ - \$ - \$ -	Line	\$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - \$ -	Transfor	\$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - \$ - Amount	\$ \$ \$ \$ \$ \$ \$	otal Lin
August September October November December  Total  Extra Host Here (II)  Month  January February		\$ - \$ - \$ - \$ - \$ - <b>Network</b> Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Line	\$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - # -	Transfor	\$ - \$ - \$ - \$ - \$ - <b>mation Co</b> <b>Rate</b> \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	otal Lin
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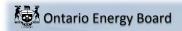
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# 2018 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2018 Uniform Transmission Rates are applied against historical 2016 transmission units.

Total		Net	work		Lin	e C	onnec	tion	Transfor	mat	ion C	onnection	1	Total Line
Month	Units Billed	R	ate	Amount	Units Billed	I	Rate	Amount	Units Billed	1	Rate	Amount		Amount
January	1,173,329	\$	3.64	4,265,130	1,110,155	\$	0.87	965,433	920,045	\$	2.00	1,841,694	\$	2,807,127
February	1,169,402	\$	3.64	4,252,053	1,129,458	\$	0.87	982,178	928,240	\$	2.00	1,857,558	\$	2,839,737
March	1,113,497	\$	3.64	4,048,587	1,058,728	\$	0.87	920,683	846,905	\$	2.00	1,695,315	\$	2,615,998
April	1,009,575	\$	3.64	3,672,009	964,418	\$	0.87	838,672	788,874	\$	2.00	1,579,979	\$	2,418,651
May	1,242,666	\$	3.64	4,529,354	1,190,752	\$	0.87	1,035,580	962,679	\$	2.01	1,933,116	\$	2,968,697
June	1,349,370	\$	3.64	4,917,527	1,276,897	\$	0.87	1,110,505	963,670	\$	2.01	1,934,498	\$	3,045,004
July	1,335,862	\$	3.64	4,867,644	1,282,020	\$	0.87	1,114,970	986,341	\$	2.01	1,980,044	\$	3,095,014
August	1,354,113	\$	3.64	4,933,051	1,285,227	\$	0.87	1,117,743	1,003,840	\$	2.01	2,014,565	\$	3,132,307
September	1,209,847	\$	3.64	4,406,909	1,145,904	\$	0.87	996,587	916,274	\$	2.01	1,838,741	\$	2,835,327
October	1,038,848	\$	3.64	3,785,281	997,565	\$	0.87	867,819	808,307	\$	2.01	1,622,776	\$	2,490,595
November	1,059,213	\$	3.64	3,857,784	1,005,822	\$	0.87	874,998	819,571	\$	2.01	1,644,383	\$	2,519,382
December	1,210,507	\$	3.64	4,410,879	1,124,107	\$	0.87	977,558	932,929	\$	2.01	1,872,980	\$	2,850,538
Total	14,266,229	\$	3.64	\$ 51,946,209	13,571,053	\$	0.87	\$ 11,802,726	10,877,675	\$	2.01	\$ 21,815,650	\$	33,618,375

Page 10 of 10



General Service 1,500 to 4,999 kW

Large Use > 5000 kW

Sentinel Lighting

Street Lighting

Unmetered Scattered Load

# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to re-align the	e current RTS Network Rates to rec	over cur	rent wholesale net	work 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	RTSR - Network	kWh	0.0074	2,336,056,869		17,286,821	33.8%	17,568,660	0.0075
General Service Less Than 50 kW	RTSR - Network	kWh	0.0068	757,877,502		5,153,567	10.1%	5,237,589	0.0069
General Service 50 to 1,499 kW	RTSR - Network	kW	2.8016	, , , , , , , , , , , , , , , , , , , ,	7,075,314	19,822,200	38.8%	20,145,375	2.8473
General Service 1,500 to 4,999 kW	RTSR - Network	kW	2.9089		1,726,981	5,023,615	9.8%	5,105,518	2.9563
Large Use > 5000 kW	RTSR - Network	kW	3.2246		1,071,626	3,455,565	6.8%	3,511,904	3.2772
Unmetered Scattered Load	RTSR - Network	kWh	0.0068	16,183,592		110,048	0.2%	111,843	0.0069
Sentinel Lighting	RTSR - Network	kW	2.0681		134	277	0.0%	282	2.1019
Street Lighting	RTSR - Network	kW	2.0786		125,463	260,787	0.5%	265,039	2.1125
The purpose of this table is to re-align the	e current RTS Connection Rates to r	recover	current wholesale o	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	RTSR - Connection	kWh	0.0047	2,336,056,869		10,979,467	33.1%	11,120,236	0.0048
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0045	757,877,502		3,410,449	10.3%	3,454,174	0.0046
General Service 50 to 1,499 kW	RTSR - Connection	kW	1.8174	707,077,002	7,075,314	12,858,676	38.7%	13,023,538	1.8407
General Service 1,500 to 4,999 kW	RTSR - Connection	kW	1.9423		1,726,981	3,354,315	10.1%	3,397,321	1.9672
Large Use > 5000 kW	RTSR - Connection	kW	2.1873		1,071,626	2,343,968	7.1%	2,374,020	2.2153
Unmetered Scattered Load	RTSR - Connection	kWh	0.0045	16,183,592	1,07.1,020	72,826	0.2%	73,760	0.0046
Sentinel Lighting	RTSR - Connection	kW	1.3501	, ,	134	181	0.0%	183	1.3674
Street Lighting	RTSR - Connection	kW	1.3783		125,463	172,926	0.5%	175,143	1.3960
The purpose of this table is to update the	re-aligned RTS Network Rates to re	ecover fu	ture wholesale net	work 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	RTSR - Network	kWh	0.0075	2,336,056,869		17,568,660	33.8%	17,568,660	0.0075
General Service Less Than 50 kW	RTSR - Network	kWh	0.0069	757,877,502		5,237,589	10.1%	5,237,589	0.0069
General Service 50 to 1,499 kW	RTSR - Network	kW	2.8473	- /- /	7,075,314	20,145,375	38.8%	20,145,375	2.8473
General Service 1,500 to 4,999 kW	RTSR - Network	kW	2.9563		1,726,981	5,105,518	9.8%	5,105,518	2.9563
Large Use > 5000 kW	RTSR - Network	kW	3.2772		1,071,626	3,511,904	6.8%	3,511,904	3.2772
Unmetered Scattered Load	RTSR - Network	kWh	0.0069	16,183,592		111,843	0.2%	111,843	0.0069
Sentinel Lighting	RTSR - Network	kW	2.1019		134	282	0.0%	282	2.1019
Street Lighting	RTSR - Network	kW	2.1125		125,463	265,039	0.5%	265,039	2.1125
The purpose of this table is to update the	re-aligned RTS Connection Rates to	o recove	r 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	RTSR - Connection	kWh	0.0048	2,336,056,869		11,120,236	33.1%	11,120,236	0.0048
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0046	757,877,502		3,454,174	10.3%	3,454,174	0.0046
General Service 50 to 1,499 kW	RTSR - Connection	kW	1.8407		7,075,314	13,023,538	38.7%	13,023,538	1.8407
General Service 1 500 to 4 999 kW	PTSP - Connection	kW	1.0672		1 726 081	3 307 321	10 1%	3 307 331	1.0672

RTSR - Connection

kW

kW

kWh

kW

kW

1.9672

2.2153

0.0046

1.3674

1.3960

1,726,981

1,071,626

134

125,463

16,183,592

3,397,321

2,374,020

73,760

183

175,143

10.1%

7.1%

0.2%

0.0%

0.5%

3,397,321

2,374,020

73,760

183

175,143

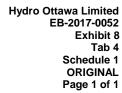
1.9672

2.2153

0.0046

1.3674

1.3960





#### **RETAIL SERVICE CHARGES**

#### 1.0 INTRODUCTION

Retail service charges apply to services provided by a distributor to retailers or customers, with respect to the supply of competitive electricity through retailer contracts. As part of the Approved Settlement Agreement, "The Parties accept the other proposed specific service charges for miscellaneous services, excluding Access to Power Poles, over the 2016 – 2020 period."

Table 1 provides Hydro Ottawa's approved Retail Service Charges for 2016 through 2020. Hydro Ottawa's 2018 Retail Service Charges are outlined in Exhibit 8-10-1 Current and Proposed Tariff of Rates and Charges.

Table 1 - Retail Service Charges (\$)

	2016	2017	2018	2019	2020
Standard Charge	117.00	122.00	129.00	135.00	140.00
Monthly Fixed Charge	24.00	25.00	26.00	27.00	28.00
Monthly Variable Charge	0.60	0.60	0.65	0.65	0.70
Distributor consolidated billing charge	0.35	0.35	0.40	0.40	0.40
Retailer consolidated billing credit	(0.35)	(0.35)	(0.40)	(0.40)	(0.40)
Service Transaction Requests, per request	0.30	0.30	0.30	0.35	0.35
Service Transaction Requests, per process	0.60	0.60	0.65	0.65	0.70

Hydro Ottawa has informed retailers of the approved Retail Service Charges for the 2016 to 2020 period.

<sup>&</sup>lt;sup>1</sup> Approved Settlement Agreement, p. 44.



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 5 Schedule 1 ORIGINAL Page 1 of 1

1 WHOLESALE MARKET SERVICE RATES AND CHARGES 2 3 Hydro Ottawa has used the OEB generic Wholesale Market Service Rates ("WMSRs") 4 and Charges effective July 1, 2017 in its Proposed Tariff of Rates and Charges, as 5 outlined in Exhibit 8-10-1 Current and Proposed Tariff of Rates and Charges. 6 7 The WMSR is divided into two components: the Capacity Based Recovery ("CBR") Rate 8 and the WMSR not including CBR. The current rate for WMSR not including CBR is 9 \$0.0032 per kWh for both Class A and Class B customers. 10 11 Per the OEB's Decision and Order EB-2015-0294 issued on November 19, 2015, the 12 CBR rate for Class B customers is \$0.0004 per kWh. For Class A customers, the CBR 13 costs are in proportion to the customer's contribution to peak demand. As a result, each 14 customer has a unique rate. These rates comply with the Accounting Guidance on 15 Capacity Based Recovery issued by the OEB on July 25, 2016, and with the OEB 16 Supplementary Decision and Order EB-2016-0193, issued on June 16, 2016, for the 17 2016 WMSR and CBR for Class A and Class B customers. 18 19 The Rural or Remote Rate Protection ("RRRP") charge of \$0.0003 per kWh is uniform 20 among all classes. The Ontario Electricity Support Program ("OESP") charge has been 21 removed from all ratepayer bills. 22 23 Hydro Ottawa will update these rates in accordance with any additional OEB-approved 24 rate changes.



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 6 Schedule 1 ORIGINAL Page 1 of 1

1	SMART METERING CHARGE
2	
3	On March 28, 2013, the OEB issued a Decision and Order (EB-2012-0100/EB-2012-
4	0211) establishing a Smart Metering charge of \$0.79 per month for Residential and
5	General Service < 50 kW customers effective May 1, 2013.
6	
7	Hydro Ottawa has reflected this charge in its Proposed Tariff of Rates and Charges, as
8	outlined in Exhibit 8-10-1 Current and Proposed Tariff of Rates and Charges. As the
9	Smart Metering Charge is currently in effect until October 31, 2018, this has been noted.



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 7 Schedule 1 ORIGINAL Page 1 of 4

#### **SPECIFIC SERVICE CHARGES**

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#### 1.0 INTRODUCTION

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Service charges apply to services that are over and above Hydro Ottawa's standard level of service offerings and may result from a customer's action or inaction. The revenue from these charges offset the total revenue requirement. Hydro Ottawa undertook a review of service charges in preparation of its Custom IR Application. However, recognizing the Board's plan to undertake a review of all Specific Service Charges, Hydro Ottawa requested a modest adjustment as an interim step towards improving business efficiencies and appropriate cost recovery. This included a modest adjustments for inflation between the years 2017 to 2020. Consistent with the Approved Settlement Agreement, some of Hydro Ottawa's service charges will increase during the years 2016 to 2020. As per the Pole Attachment Decision, the Pole Attachment rate will remain constant for the period 2016 to 2020, subject to any policy review and direction by the OEB.

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Per the Approved Settlement Agreement, the following service charges will be increased as part of this Application. All other service charges will remain at the 2017 approved rate.

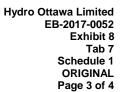
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- i. Micro-FIT and Micro-Net-Metering Energy Resource Facility ("ERF") Monthly
   Account Management Charge (formerly MicroFIT monthly account management
   charge);
- ii. FIT ERF Monthly Account Management Charge;
- iii. HCI, RESOP, Other ERF Monthly Account Management Charge;
- iv. Special Billing Service, per hour;
- v. Interval Meter Field Reading;
- vi. High Bill Investigation If billing is correct;
- 30 vii. Temporary Service Install & Remove overhead no transformer;
- viii. Temporary Service Install & Remove underground no transformer;
- 32 ix. Temporary Service Install & Remove overhead with transformer;



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 7 Schedule 1 ORIGINAL Page 2 of 4

I	Х.	ERF Administration Charge – Without Account Set Up (One Time);
2	xi.	ERF Administration Charge – With Account Set Up (One Time);
3	xii.	Standard Charge, per retailer ("/ retailer");
4	xiii.	Monthly Fixed Charge, / retailer;
5	xiv.	Monthly Variable Charge, per customer ("/ cust"), / retailer;
6	XV.	Distributor-consolidated billing monthly charge ("DCB"), / cust, / retailer;
7	xvi.	Retailer-consolidated billing monthly credit ("RCB"), / cust, / retailer; and
8	xvii.	Service Transaction Requests ("STR") Fee, per process.
9		
10	2.0	SUMMARY OF REVISED AND NEW SERVICE CHARGES
11		
12	As pe	er the Approved Settlement Agreement and the Pole Attachment Decision, Table
13	1 refle	ects Hydro Ottawa's approved new and revised service charges for the years 2016
14	throu	gh 2020. The service charges are included in Hydro Ottawa's tariff sheet, as
15	prese	nted in Exhibit 8-10-1 Current and Proposed Tariff of Rates and Charges.
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#### Table 1 – Summary of Approved New and Revised Service Charges

		-			-
	2016	2017	2018	2019	2020
MONTHLY RATES AND CHARGES					
Micro-FIT and Micro-Net-Metering ERF	\$18.00	\$18.00	\$19.00	\$19.00	\$19.00
FIT ERF	\$119.00	\$121.00	\$124.00	\$126.00	\$129.00
HCI, RESOP, Other ERF	\$259.00	\$264.00	\$270.00	\$276.00	\$281.00
SPECIFIC SERVICE CHARGES					
Customer Administration					
Special Billing Service, per hour	\$95.00	\$97.00	\$100.00	\$102.00	\$104.00
Disconnect/Reconnect at Meter:					
Regular Hours	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00
After Regular Hours	\$185.00	\$185.00	\$185.00	\$185.00	\$185.00
Interval Meter – Field Reading	\$347.00	\$355.00	\$362.00	\$370.00	\$378.00
High Bill Investigation – If Billing is Correct	\$213.00	\$218.00	\$222.00	\$227.00	\$232.00
Other					
Temporary Service Install & Remove:					
Overhead – No Transformer	\$797.00	\$813.00	\$830.00	\$848.00	\$866.00
Underground – No Transformer	\$1,156.00	\$1,180.00	\$1,205.00	\$1,230.00	\$1,256.00
Overhead – With Transformer	\$2,840.00	\$2,900.00	\$2,961.00	\$3,023.00	\$3,087.00
Specific Charge for Access to the Power Poles	\$53.00	\$53.00	\$53.00	\$53.00	\$53.00
Dry Core Transformer Charge – Demand	Attachment 8-7-A	Attachment 8-7-A	Attachment 8-7-A	Attachment 8-7-A	Attachment 8-7-A
ERF Administration Charge:					
Without Account Set Up (one time)	\$127.00	\$130.00	\$133.00	\$135.00	\$138.00
With Account Set Up (one time)	\$157.00	\$160.00	\$163.00	\$165.00	\$168.00
RETAIL SERVICE CHARGES					
Standard Charge / retailer	\$117.00	\$122.00	\$129.00	\$135.00	\$140.00
Monthly Fixed Charge / retailer	\$24.00	\$25.00	\$26.00	\$27.00	\$28.00
Monthly Variable Charge / cust / retailer	\$0.60	\$0.60	\$0.65	\$0.65	\$0.70
DCB / cust / retailer	\$0.35	\$0.35	\$0.40	\$0.40	\$0.40
RCB / cust / retailer	-\$0.35	-\$0.35	-\$0.40	-\$0.40	-\$0.40
STR Fee, per request	\$0.30	\$0.30	\$0.30	\$0.35	\$0.35
STR Fee, per process	\$0.60	\$0.60	\$0.65	\$0.65	\$0.70



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 7 Schedule 1 ORIGINAL Page 4 of 4

2 0	DEVICED		CHARGES
3.0	KEVISED	SERVILE	CHARGES

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Hydro Ottawa is proposing to revise the Dry Core Transformer charges.

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#### 3.1 Dry Core Transformers

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The Dry Core Transformer charge is applied to recover energy lost in the operation of a dry core transformer. A specific charge is calculated for each transformer size. As per the Approved Settlement Agreement, Hydro Ottawa will adjust the Drycore charges on an annual basis to reflect any related changes in the Regulated Price Plan and Hydro One rates. The updated rates for 2018 are outlined in Attachment 8-10-B Proposed

12 Tariff of Rates and Charges.

Hydro Ottawa Limited
EB-2017-0052
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Tab 7
Schedule 1
Attachment 8-7(A)
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## Hydro Ottawa 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

**Dry Core Transformer Charges** 

EB-2017-0052

Transformers	No Load Loss (W)	Load Loss (W)	Tra	Cost of nsmissio nd LV per kW	End WI Ma	Cost of ergy and nolesale irket per kWh**	Total nthly cost f power	Dis	Cost of stribution oer kW	Total
Rates			\$	5.0607	\$	0.0943		\$	4.2374	
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.81	\$	8.57	\$ 9.39	\$	0.68	\$ 10.07
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.08	\$	11.43	\$ 12.52	\$	0.91	\$ 13.42
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.38	\$	14.38	\$ 15.76	\$	1.16	\$ 16.92
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.84	\$	19.82	\$ 21.67	\$	1.54	\$ 23.21
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.22	\$	23.05	\$ 25.27	\$	1.86	\$ 27.13
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.94	\$	30.33	\$ 33.27	\$	2.46	\$ 35.73
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.66	\$	37.61	\$ 41.27	\$	3.06	\$ 44.34
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.92	\$	40.26	\$ 44.18	\$	3.28	\$ 47.46
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.21	\$	43.27	\$ 47.48	\$	3.52	\$ 51.00
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.50	\$	46.28	\$ 50.78	\$	3.77	\$ 54.55
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.65	\$	7.05	\$ 7.70	\$	0.54	\$ 8.25
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.63	\$	17.15	\$ 18.77	\$	1.36	\$ 20.14
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.17	\$	22.86	\$ 25.03	\$	1.82	\$ 26.85
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.20	\$	34.11	\$ 37.31	\$	2.68	\$ 39.99
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.88	\$	40.29	\$ 44.16	\$	3.25	\$ 47.41
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.85	\$	51.35	\$ 56.20	\$	4.06	\$ 60.27
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.88	\$	62.60	\$ 68.48	\$	4.93	\$ 73.41
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.17	\$	130.94	\$ 142.11	\$	9.35	\$ 151.46
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.64	\$	165.97	\$ 180.61	\$	12.26	\$ 192.86
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.43	\$	187.55	\$ 203.97	\$	13.76	\$ 217.73
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.96	\$	248.95	\$ 270.91	\$	18.39	\$ 289.30
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	26.19	\$	298.19	\$ 324.38	\$	21.93	\$ 346.31
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.45	\$	358.68	\$ 390.13	\$	26.33	\$ 416.46
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	37.08	\$	424.33	\$ 461.42	\$	31.05	\$ 492.47
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	45.54	\$	522.81	\$ 568.36	\$	38.13	\$ 606.49
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	52.32	\$	603.96	\$ 656.28	\$	43.81	\$ 700.09

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains July 1, 2017 RPP Tiered Pricing and WMRS



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 8 Schedule 1 ORIGINAL Page 1 of 3

#### **LOW VOLTAGE SERVICE RATES**

#### 1.0 INTRODUCTION

Hydro Ottawa receives low voltage ("LV") charges from Hydro One for a number of Shared Distribution Stations, Specific Lines and Shared Lines. The OEB's Decision dated March 21, 2006 (EB-2005-0529) determined that it was appropriate for an embedded electricity distributor, or a distributor with embedded distribution points (such as Hydro Ottawa), to establish and maintain a variance account for LV charges from its host distributor.

In a June 13, 2006 memo, the OEB notified electricity distributors that the following accounts had been added to the Uniform System of Accounts ("USofA"): Account 4750, Charges – LV; Account 4075, Billed – LV; and Account 1550, LV Variance Account. As a result, effective May 1, 2006, Account 1550 has been used to record the net of the amounts recorded in Accounts 4750 (amount charged by Hydro One for LV services) and 4075 (amount customers are billed for LV services). In 2008, Hydro Ottawa removed the LV charges from the distribution revenue requirement and proposed that a separate charge be calculated to recover the LV charges from the customer. These separate charges were approved by the Board as part of the EB-2007-0713 Decision, issued on March 17, 2008. The current LV rates are shown below in Table 1.

Table 1 - LV Charges as of January 1, 2017

Class	Per	LV Charge
Residential	kWh	\$0.00007
General Service < 50 kW	kWh	\$0.00007
General Service 50 to 1,499 kW	kW	\$0.02632
General Service 1,500 to 4,999 kW	kW	\$0.02813
Large Use (> 5000 kW)	kW	\$0.03168
Unmetered Scattered Load	kWh	\$0.00007
Sentinel Lighting	kW	\$0.01955
Street Lighting	kW	\$0.01996



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 8 Schedule 1 ORIGINAL Page 2 of 3

1	2.0	PROPOSED LV CHARGES FOR 2018
2		
3	As pa	art of the Approved Settlement Agreement, the Parties accepted Hydro Ottawa's
4	propo	sed LV rates and agreed that they should be updated annually.
5		
6	The I	LV charge has been allocated to the customer classes based on the class
7	perce	ntage of Retail Transmission Connection dollars (using 2018 proposed rates), as
8	showr	n in Table 2. Hydro Ottawa used its 2017 LV forecast of \$426,000, excluding rate
9	riders	for LV, in the calculations of the LV charges for the customer classes shown in
10	Table	2.
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<ul><li>22</li><li>23</li></ul>		
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#### Table 2 – 2018 Calculation of LV Charge

	Α	В	С	D	E	F
	2018 Retail Transmission Connection Rate (\$) kWh/kW	2018 Charge Determinant (kWh or kW)	A * B Basis for Allocation	Allocation %	Allocated \$	E / B 2018 Rate /kWh or kW
Residential	\$0.0048	2,206,411,000	\$10,590,773	32.18%	\$137,078	\$0.00006
General Service < 50 kW	\$0.0046	709,791,000	\$3,265,039	9.92%	\$42,260	\$0.00006
General Service 50 to 1,499 kW	\$1.8407	6,824,350	\$12,561,581	38.17%	\$162,586	\$0.02382
General Service 1,500 to 4,999 kW	\$1.9672	1,916,044	\$3,769,242	11.45%	\$48,786	\$0.02546
Large Use (> 5000 kW)	\$2.2153	1,118,300	\$2,477,370	7.53%	\$32,065	\$0.02867
Unmetered Scattered Load	\$0.0046	16,731,000	\$76,963	0.23%	\$996	\$0.00006
Sentinel Lighting	\$1.3674	216	\$295	0.00%	\$4	\$0.01770
Street Lighting	\$1.3960	123,144	\$171,909	0.52%	\$2,225	\$0.01807
TOTAL			\$32,913,171		\$426,000	



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 9 Schedule 1 ORIGINAL Page 1 of 1

**LOSS ADJUSTMENT FACTORS** 

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#### 1.0 DISTRIBUTION LOSSES

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Table 1 below provides losses as a percentage of purchases for the five years 2010 to 2014, as presented in Hydro Ottawa's Custom IR Application. Hydro Ottawa's losses had not been greater than 5% in the years presented (i.e. 2010 to 2014). Hydro Ottawa contains no distributors embedded in its area and is not an embedded distributor itself. However, Hydro Ottawa does have a number of delivery points embedded in Hydro One's service territory.

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Table 1 – Losses as a Percentage of Purchases for 2010-2014

	2010	2011	2012	2013	2014
Electricity Purchases (MWh)	7,839,865	7,853,159	7,856,204	7,722,152	7,636,154
Electricity Sales (MWh)	7,594,977	7,607,711	7,570,226	7,519,454	7,425,541
Losses (MWh)	244,888	245,447	285,978	202,698	210,614
Losses %	3.12%	3.13%	3.64%	2.62%	2.76%

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#### 2.0 LOSS ADJUSTMENT FACTORS

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As part of the Approved Settlement Agreement, the following loss factors will remain constant from 2016 through 2020:

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20	Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0335
21	Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
22	Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
23	Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 ORIGINAL Page 1 of 1

1	CURRENT AND PROPOSED TARIFF OF RATES AND CHARGES
2	
3	Hydro Ottawa's approved 2017 tariff of rates and charges is provided as Attachment 8-
4	10-A. Please note that the current rates and charges do not reflect changes within the
5	Regulatory component of the tariff of rates and charges, which became effective May 1,
6	2017 and July 1, 2017.
7	
8	Hydro Ottawa has utilized the 2015 Appendix Z to illustrate Hydro Ottawa's 2018
9	proposed tariff of rates and charges. Hydro Ottawa will continue to work with the OEB
10	on resolving conflicts in the 2018 Tariff Schedule and Bill Impacts Model - Version 2.0
11	released on July 19, 2017 and will resubmit after corrections have been made. Hydro
12	Ottawa's 2018 proposed tariff of rates and charges is provided in Attachment 8-10-B and
13	included as a PDF to this Exhibit.

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10

Schedule 1 Attachment 8-10(A)

**ORIGINAL** 

#### RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

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

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

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

Service Charge	\$	16.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	\$	0.02
Distribution Volumetric Rate	\$/kWh	0.0151
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0023)
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017	\$/kWh	(0.0019)
Applicable only for Non-RPP Customers		
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 2 of 17

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

#### **ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

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

#### APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

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

#### In this class:

**OESP Credit** 

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;

"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

"household" means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;

"household income" means the combined annual after-tax income of all members of a household aged 16 or over.

#### **MONTHLY RATES AND CHARGES**

Class A		
(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;		
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;		
(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;		
(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;		
but does not include account-holders in Class E.		
OESP Credit	\$	(30.00)
Class B		
(a) account-holders with a household income of \$28,000 or less living in a household of three persons;		
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;		
(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;		
but does not include account-holders in Class F.		
OESP Credit	\$	(34.00)
Class C		
(a) account-holders with a household income of \$28,000 or less living in a household of four persons;		
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;		
(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;		
but does not include account-holders in Class G.		
OESP Credit	\$	(38.00)
	·	
Class D		
<ul><li>(a) account-holders with a household income of \$28,000 or less living in a household of five persons; and</li><li>(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons; but does not include account-holders in Class H.</li></ul>		

\$

(42.00)

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 3 of 17

FB-2016-0084

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. OESP Credit (45.00) \$ Class F (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons; (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions: i. the dwelling to which the account relates is heated primarily by electricity; ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. OESP Credit (50.00) Class G Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. **OESP Credit** (55.00) \$ Class H Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. **OESP Credit** (60.00)\$ Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions: (a) the dwelling to which the account relates is heated primarily by electricity; (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates. OESP Credit (75.00) \$

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1

Attachment 8-10(A)

ORIGINAL Page 4 of 17

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

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

#### APPLICATION

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

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

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

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

Service Charge	\$	17.89
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0227
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0023)
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 5 of 17

### Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

#### **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

Service Charge	\$	200.00
Distribution Volumetric Rate	\$/kW	4.3245
Low Voltage Service Rate	\$/kW	0.02632
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	\$/kW	0.0117
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.9869)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	\$/kW	0.0129
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8016
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8174
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

#### Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 6 of 17

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

#### **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,500 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

Service Charge	\$	4,193.93
Distribution Volumetric Rate	\$/kW	3.9181
Low Voltage Service Rate	\$/kW	0.02813
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	\$/kW	0.0130
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0876)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	\$/kW	0.0143
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017	\$/kWh	(0.0019)
Applicable only for Non-RPP Customers		
Retail Transmission Rate - Network Service Rate	\$/kW	2.9089
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9423
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 7 of 17

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

#### LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

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

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the 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 Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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

Service Charge Distribution Volumetric Rate Low Voltage Service Rate	\$ \$/kW \$/kW	15,231.32 3.7199 0.03168
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	\$/kW	0.03100
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.2969)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	\$/kW	0.0170
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kW	3.2246
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1873
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 8 of 17

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

EB-2016-0084

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

#### **APPLICATION**

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

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

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

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

Service Charge (per connection) Distribution Volumetric Rate Low Voltage Service Rate	\$ \$/kWh \$/kWh	4.60 0.0226 0.00007
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017 Applicable only for Non-Wholesale Market Participants Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh \$/kWh	(0.0023) 0.00027
Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.00027 0.0068 0.0045
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

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#### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

#### MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Service Charge	\$	132.38
General Service 50 to 1,4999 kW customer	\$/kW	1.7669
General Service 1,500 to 4,999 kW customer	\$/kW	1.6206
General Service Large User kW customer	\$/kW	1.7984

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 10 of 17

## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

FB-2016-0084

#### SENTINEL LIGHTING SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge (per connection)	\$	3.04
Distribution Volumetric Rate	\$/kW	12.2794
Low Voltage Service Rate	\$/kW	0.01955
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	\$/kW	0.0062
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.5211)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	\$/kW	0.0068
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Retail Transmission Rate - Network Service Rate	\$/kW	2.0681
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3501

#### **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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 11 of 17

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

EB-2016-0084

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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, assessements or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Service Charge (per connection)	\$	0.80
Distribution Volumetric Rate	\$/kW	5.6501
Low Voltage Service Rate	\$/kW	0.01996
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	\$/kW	0.0099
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.8313)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	\$/kW	0.0109
Rate Rider for Disposition of Class B WMS - Sub-account CBR - effective until December 31, 2017	\$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until December 31, 2017	\$/kWh	(0.0019)
Applicable only for Non-RPP Customers		
Retail Transmission Rate - Network Service Rate	\$/kW	2.0786
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3783
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	0.0021
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(A) ORIGINAL Page 12 of 17

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

EB-2016-0084

#### Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### APPLICATION

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

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

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

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

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

Service Charge \$ 18.00

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

EB-2016-0084

#### FIT SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge \$ 121.00

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

EB-2016-0084

#### HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

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

Service Charge \$ 264.00

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## Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

#### Effective and Implementation Date January 1, 2017

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

EB-2016-0084

#### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month \$/kW (0.45)

Primary Metering Allowance for transformer losses – applied to measured demand and energy % (1.00)

#### SPECIFIC SERVICE CHARGES

#### **APPLICATION**

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

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

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

Customer Administration		
Account certificate	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Special billing service per hour (min 1 hour, 15 min incremental billing thereafter)	\$	97.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Unprocessed payment charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Disconnect/reconnect at meter - regular hours (under account administration - new account)	\$	65.00
Disconnect/reconnect at meter - after regular hours (under account administration - new account)	\$	185.00
Interval meter - field reading	\$	355.00
High bill investigation - if billing is correct	\$	218.00
Non-Payment of Account		
Late payment – per month	%	1.50
Late payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/reconnect at meter – during regular hours	\$	65.00
Disconnect/reconnect at meter – after regular hours	\$	185.00
Disconnect/reconnect at pole – during regular hours	\$	185.00
Disconnect/reconnect at pole – after regular hours	\$	415.00
Other		
Temporary service – install & remove – overhead – no transformer	\$	813.00
Temporary service – install & remove – underground – no transformer	\$	1,180.00
Temporary service – install & remove – overhead – with transformer	\$	2,900.00
Specific charge for access to the power poles - \$/pole/year	\$	53.00
Dry core transformer distribution charge		Per Attached Table
Energy Resource Facility administration charge - without account set up (one time)	\$	130.00
Energy Resource Facility administration charge - with account set up (one time)	\$	160.00

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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

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# **RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	122.00
Monthly Fixed Charge, per retailer	\$	25.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.6000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.3500
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.3500)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.30
Processing fee, per request, applied to the requesting party	\$	0.60
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2016-0084

#### **Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	Tran	Cost of esmission LV per kW	En W Ma	Cost of ergy and holesale arket per kWh**	M	Total lonthly lost of loower	Dis	Cost of stribution per kW	·	Total
Rates			\$	4.9894	\$	0.1249			\$	3.9802		
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.80	\$	11.35	\$	12.16	\$	0.64	\$	12.80
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.07	\$	15.14	\$	16.21	\$	0.85	\$	17.06
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.36	\$	19.05	\$	20.41	\$	1.09	\$	21.50
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.82	\$	26.25	\$	28.07	\$	1.45	\$	29.52
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.19	\$	30.52	\$	32.71	\$	1.75	\$	34.46
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.90	\$	40.17	\$	43.07	\$	2.31	\$	45.38
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.61	\$	49.81	\$	53.42	\$	2.88	\$	56.30
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.86	\$	53.32	\$	57.18	\$	3.08	\$	60.26
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.15	\$	57.31	\$	61.45	\$	3.31	\$	64.76
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.44	\$	61.29	\$	65.72	\$	3.54	\$	69.26
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.64	\$	9.34	\$	9.98	\$	0.51	\$	10.49
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.60	\$	22.71	\$	24.31	\$	1.28	\$	25.59
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.14	\$	30.28	\$	32.42	\$	1.71	\$	34.12
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.15	\$	45.18	\$	48.33	\$	2.52	\$	50.85
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.82	\$	53.35	\$	57.18	\$	3.05	\$	60.22
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.78	\$	68.01	\$	72.79	\$	3.82	\$	76.61
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.80	\$	82.90	\$	88.70	\$	4.63	\$	93.33
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.01	\$	173.41	\$	184.42	\$	8.78	\$	193.21
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.43	\$	219.80	\$	234.23	\$	11.51	\$	245.75
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.20	\$	248.38	\$	264.58	\$	12.92	\$	277.50
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.65	\$	329.70	\$	351.35	\$	17.27	\$	368.62
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	25.82	\$	394.91	\$	420.73	\$	20.60	\$	441.33
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.00	\$	475.02	\$	506.02	\$	24.73	\$	530.76
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	36.56	\$	561.97	\$	598.53	\$	29.17	\$	627.70
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	44.90	\$	692.39		737.29	\$	35.82		773.11
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	51.58	\$	799.86	\$	851.44	\$	41.15	\$	892.59

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains May 1, 2016 RPP Tiered Pricing, WMRS and OESP Pricing to be effective January 1, 2016

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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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

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# RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

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

Service Charge	\$	20.51
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0105
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018	\$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2018	\$/kWh	(8000.0)

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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# Effective and Implementation Date January 1, 2018

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

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# GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge	\$	18.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0238
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018	\$/kWh	(0.0004)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2018	\$/kWh	(8000.0)

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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# Effective and Implementation Date January 1, 2018

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

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# **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 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.

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

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

Service Charge	\$	200.00
Distribution Volumetric Rate	\$/kW	4.5851
Low Voltage Service Rate	\$/kW	0.02382
Retail Transmission Rate - Network Service Rate	\$/kW	2.8473
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8407
	*****	( )
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018	\$/kW	(0.1665)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2018	\$/kW	(0.3391)

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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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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# **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 1,500 kW but less than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

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

Service Charge	\$	4,193.93
Distribution Volumetric Rate	\$/kW	4.1834
Low Voltage Service Rate	\$/kW	0.02546
Retail Transmission Rate - Network Service Rate	\$/kW	2.9563
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9672
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018	\$/kW	(0.1847)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2018	\$/kW	(0.3735)

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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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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# LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

## **APPLICATION**

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

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

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

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

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

Service Charge	\$	15,231.32
Distribution Volumetric Rate	\$/kW	3.9710
Low Voltage Service Rate	\$/kW	0.02867
Retail Transmission Rate - Network Service Rate	\$/kW	3.2772
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2153
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018	\$/kW	(0.2185)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2018	\$/kW	(0.4451)

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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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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# UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Class B consumers are defined in accordance with O. Reg. 429/04. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

#### **APPLICATION**

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

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

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

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

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

\$	4.83
\$/kWh	0.0235
\$/kWh	0.00006
\$/kWh	0.0069
\$/kWh	0.0046
\$/k\//h	(0.0004)
\$/kWh	(0.0004)
	\$/kWh \$/kWh \$/kWh \$/kWh

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 equal to or greater than 500 kW and requires the distributor to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

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

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

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

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

Service Charge	\$	138.53
General Service 50 to 1,4999 kW customer	\$/kW	1.8489
General Service 1,500 to 4,999 kW customer	\$/kW	1.6958
General Service Large User kW customer	\$/kW	1.8819

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# SENTINEL LIGHTING SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge (per connection)	\$	3.25
Distribution Volumetric Rate	\$/kW	13.8285
Low Voltage Service Rate	\$/kW	0.01770
Retail Transmission Rate - Network Service Rate	\$/kW	2.1019
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3674
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018 Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2018	\$/kW \$/kW	(0.0878) (0.1789)

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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# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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

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# STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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, assessements or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

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

Service Charge (per connection)	\$	0.85
Distribution Volumetric Rate	\$/kW	5.9758
Low Voltage Service Rate	\$/kW	0.01807
Retail Transmission Rate - Network Service Rate	\$/kW	2.1125
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3960
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2018 Rate Rider for Disposition of Deferral/Variance Accounts - NON WMP - effective until December 31, 2018	\$/kW \$/kW	(0.1404) (0.2861)

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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# Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### **APPLICATION**

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

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

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

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

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

Service Charge \$ 19.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

EB-2017-0052
Exhibit 8
Tab 10
Schedule 1
Attachment 8-10(B)
ORIGINAL
Page 11 of 15

Hydro Ottawa Limited

Effective and Implementation Date January 1, 2018

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

EB-2017-0052

# FIT SERVICE CLASSIFICATION

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

## **APPLICATION**

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

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

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

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

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

Service Charge \$ 124.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

EB-2017-0052
Exhibit 8
Tab 10
Schedule 1
Attachment 8-10(B)
ORIGINAL
Page 12 of 15

Hydro Ottawa Limited

Effective and Implementation Date January 1, 2018

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

EB-2017-0052

# HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

## **APPLICATION**

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

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

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

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

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

Service Charge \$ 270.00

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(B) ORIGINAL Page 13 of 15

# **Hydro Ottawa 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-2017-0052

# **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

# SPECIFIC SERVICE CHARGES

#### **APPLICATION**

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

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

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

# **Customer Administration**

Account Certificate	\$	15.00
Duplicate Invoices for previous billing	Ś	15.00
Special Billing Service Per Hour (Min 1 hour, 15 min incremental billing thereafter)	Ś	100.00
Credit Reference/credit check (plus credit agency costs)	Ś	15.00
Unprocessed Payment Charge (plus bank charges)	Ś	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	Ś	30.00
Disconnect/Reconnect at Meter - Regular Hours (Under Account Administration - New Account)	Ś	65.00
Disconnect/Reconnect at Meter - After Regular Hours (Under Account Administration - New Account)	Ś	185.00
Interval Meter - Field Reading	Š	362.00
High Bill Investigation - If Billing is Correct	\$\$\$\$\$\$\$	222.00
Non-Payment of Account		
Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$ \$ \$ \$ \$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Other		
Temporary Service – Install & remove – overhead – no transformer	\$	830.00
Temporary Service – Install & remove – underground – no transformer	\$ \$ \$	1,205.00
Temporary Service – Install & remove – overhead – with transformer	\$	2,961.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	53.00
Dry core transformer distribution charge	•	Per Attached Table
Energy Resource Facility Administration Charge - Without Account Set Up (One Time)	\$	133.00
Energy Resource Facility Administration Charge - With Account Set Up (One Time)	\$	163.00

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Page 14 of 15

# Hydro Ottawa 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-2017-0052

# **RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer\$ 129.00

Monthly Fixed Charge, per retailer	\$	26.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.6500
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.4000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.4000)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.30
Processing fee, per request, applied to the requesting party	\$	0.65
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 10 Schedule 1 Attachment 8-10(B) ORIGINAL Page 15 of 15

# Hydro Ottawa 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

**Dry Core Transformer Charges** 

EB-2017-0052

Transformers	No Load Loss (W)	Load Loss (W)	Tra	Cost of nsmissio nd LV per kW	En W	Cost of ergy and holesale arket per kWh**	Total nthly cost f power	Dis	Cost of tribution per kW	Total
Rates			\$	5.0607	\$	0.0943		\$	4.2374	
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.81	\$	8.57	\$ 9.39	\$	0.68	\$ 10.07
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.08	\$	11.43	\$ 12.52	\$	0.91	\$ 13.42
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.38	\$	14.38	\$ 15.76	\$	1.16	\$ 16.92
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.84	\$	19.82	\$ 21.67	\$	1.54	\$ 23.21
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.22	\$	23.05	\$ 25.27	\$	1.86	\$ 27.13
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.94	\$	30.33	\$ 33.27	\$	2.46	\$ 35.73
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.66	\$	37.61	\$ 41.27	\$	3.06	\$ 44.34
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.92	\$	40.26	\$ 44.18	\$	3.28	\$ 47.46
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.21	\$	43.27	\$ 47.48	\$	3.52	\$ 51.00
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.50	\$	46.28	\$ 50.78	\$	3.77	\$ 54.55
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.65	\$	7.05	\$ 7.70	\$	0.54	\$ 8.25
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.63	\$	17.15	\$ 18.77	\$	1.36	\$ 20.14
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.17	\$	22.86	\$ 25.03	\$	1.82	\$ 26.85
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.20	\$	34.11	\$ 37.31	\$	2.68	\$ 39.99
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.88	\$	40.29	\$ 44.16	\$	3.25	\$ 47.41
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.85	\$	51.35	\$ 56.20	\$	4.06	\$ 60.27
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.88	\$	62.60	\$ 68.48	\$	4.93	\$ 73.41
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.17	\$	130.94	\$ 142.11	\$	9.35	\$ 151.46
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.64	\$	165.97	\$ 180.61	\$	12.26	\$ 192.86
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.43	\$	187.55	\$ 203.97	\$	13.76	\$ 217.73
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.96	\$	248.95	\$ 270.91	\$	18.39	\$ 289.30
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	26.19	\$	298.19	\$ 324.38	\$	21.93	\$ 346.31
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.45	\$	358.68	\$ 390.13	\$	26.33	\$ 416.46
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	37.08	\$	424.33	\$ 461.42	\$	31.05	\$ 492.47
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	45.54	\$	522.81	\$ 568.36	\$	38.13	\$ 606.49
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	52.32	\$	603.96	\$ 656.28	\$	43.81	\$ 700.09

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains July 1, 2017 RPP Tiered Pricing and WMRS



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**REVENUE PER RATE CLASS UNDER CURRENT AND PROPOSED RATES** Table 1 below provides detailed calculations of revenue per rate class under 2015 rates. and a reconciliation of rate class revenue at 2015 rates and other revenue to total revenue requirement. The revenue deficiency/sufficiency is determined by calculating what the revenue would have been using 2015 rates and the forecasted 2018 load and customer numbers. Rather than updating for 2017 rates, Hydro Ottawa continues to compile the analysis in this manner in order to provide a stable base for comparison to its Custom IR Application. Please see Attachment 8-11-A for the rate class revenue reconciliation. 

3

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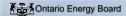
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Table 1 – Revenue per Rate Class and Reconciliation to 2018 Revenue Requirement<sup>1</sup>

Rate Class	Average #	2018 Con	sumption	2015	Rate	s	Dei	vanuaa st	Tre	oformer		
	Average # Customers/ Connections	MWh	kW	Monthly Service Charge		olumetric Rate Wh/kW)	20	venues at 15 Rates (000)	Allo	sformer owance dit (000)	Di	ifference (000)
Residential	305,144	2,206,411		\$ 9.67	\$	0.0234	\$	87,039			\$	87,039
General Service < 50 kW	24,739	709,791		\$ 16.72	\$	0.0210	\$	19,869			\$	19,869
General Service 50 to 1,499 kW	3,351	2,875,422	6,824,350	\$ 260.82	\$	3.5691	\$	34,846	\$	768	\$	34,078
General Service 1,500 to 4,999 kW	76	895,369	1,916,044	\$ 4,193.93	\$	3.4887	\$	10,509	\$	215	\$	10,294
Large Use	11	618,467	1,118,300	\$ 15,231.32	\$	3.3129	\$	5,715	\$	126	\$	5,590
Unmetered Scattered Load	3,573	16,731		\$ 4.43	\$	0.0219	\$	556			\$	556
Standby Power	2		4,800	\$ 122.41	\$	1.4985	\$	10			\$	10
Sentinel Lighting	47	48	216	\$ 2.62	\$	10.0361	\$	4			\$	4
Street Lighting	55,516	43,765	123,144	\$ 0.57	\$	3.9997	\$	872			\$	872
Revenue							\$	159,421	\$	1,109	\$	158,312
						Other	Revei	nue (000)			\$	11,438
						Total F	Reven	ue (000)			\$	169,749
						2018 F	Reven	ue Require	ement	(000)	\$	190,594
						2018 F	Reven	ue Deficie	ency (	000)	\$	20,845

<sup>&</sup>lt;sup>1</sup> Totals may not match due to rounding.



Revenue Requirement Workform (RRWF) for 2018 Filers

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 11 Schedule 1 Attachment 8-11(A) ORIGINAL Page 1 of 1

#### Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and voluentric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Stage in Process:			Per Board Decision		Cla	ss Allocated Reve	nues					Dis	tribution Rates				Revenue Reconciliation	on
	Customer and Lo	oad Forecast				11. Cost Allocation esidential Rate Des		Percentage to	iable Splits <sup>2</sup> be entered as a ween 0 and 1									
Customer Class From sheet 10. Load Forecast	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable	Transformer Ownership Allowance <sup>1</sup> (\$)	Monthly Serv	No. of decimals	Vol		e No. of decimals	MSC Revenues	Volumetric revenues	Distribution Revenues les Transformer Ownership
Recidential  GS < 50 NY  GS > 50 NY  GS > 50 NY  GS > 50 NY  GS > 150	KAYIH KAYIH KAYI KAYI KAYI KAYI KAYI KAYI KAYI	305.144 24,739 3,351 76 11 55,516 47 3,573 2 - - - - - -	2,206,411,000 709,791,000 2,875,422,000 885,369,000 43,765,000 43,765,000 16,731,000	6,824,350 1,916,044 1,118,300 123,144 216 - - - - - - - - -	\$ 98,285,240 \$ 22,437,830 \$ 38,665,203 \$ 11,624,903 \$ 6,325,507 \$ 1,302,150 \$ 4,820 \$ 599,609 \$ 11,465	\$ 75,102,041 \$ 5,521,745 \$ 8,042,400 \$ 3,824,864 \$ 2,010,534 \$ 566,263 \$ 1,833 \$ 207,091 \$ 3,325	\$ 23,183,199 \$ 16,916,085 \$ 30,522,803 \$ 7,800,038 \$ 4,314,973 \$ 735,887 \$ 2,987 \$ 392,518 \$ 8,140	76.41%, 24.61%, 24.61%, 24.61%, 24.65%, 32.65%, 31.78%, 31.78%, 32.03%, 34.54%, 24.60%, 29.00%	23.59% 75.39% 79.15% 67.10% 68.22% 56.51% 61.97% 65.46% 71.00%	\$ \$ 767,739 \$ 215,555 \$ 125,809 \$ \$ \$	\$20.51 \$18.60 \$200.00 \$4,193.93 \$15,231.32 \$0.85 \$3.25 \$4.83 \$138.53	2	\$0.0105 \$0.0238 \$4.5851 \$4.1834 \$3.9710 \$5.9758 \$13.8285 \$0.0235 \$1.6958	/kW h /kWh /kW /kW /kW /kW /kW /kW	4	\$75,102,041,28 \$ 5,521,744,80 \$ 5,521,744,80 \$ 3,824,960,06 \$ 3,824,960,06 \$ 2,010,534,24 \$ 5,666,324,24 \$ 5,666,324,24 \$ 5,666,324,24 \$ 5,666,324,24 \$ 5,7041,08 \$ 3,324,72 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5	\$ 23,167,315,5000 \$ 16,893,022,8000 \$ 31,205,227,1850 \$ 14,440,769,3000 \$ 2,986,9650 \$ 393,178,5000 \$ 8,139,8400 \$ 5 \$ - \$ 6 \$ - \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7	\$ 98,269,356 \$ 22,414,770 \$ 38,564,987 \$ 11,624,887 \$ 6,325,44 \$ 1,302,147 \$ 4,819 \$ 600,289 \$ 11,464 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
							Te	otal Transformer Ow	nership Allowance	\$ 1,109,103						Total Distribution R	evenues	\$ 179,118,198
otes:													Rates recover r	evenue requi	irement	Base Revenue Requ	uirement	\$ 179,156,728
Transformer Ownership Allowance	ie ontorod as a positivo :	amount and only fo	r three classes to wh	nich it annlies												Difference % Difference		-\$ 38,529 -0.02

<sup>1</sup> Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calcutated as: [MSC x (average number of customers or connections) x 12 monthly / (Class Allocated Revenue Requirement).



Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 12 Schedule 1 ORIGINAL Page 1 of 3

# **BILL IMPACT INFORMATION**

#### 1.0 INTRODUCTION

This Schedule describes bill impacts for typical customers in each rate class arising from Hydro Ottawa's revenue requirement adjusted for cost allocation. Hydro Ottawa has utilized the 2015 Appendix 2-W to illustrate the bill impacts for each rate class, as presented in Attachment 8-12-A. Hydro Ottawa will continue to work with the OEB on resolving conflicts in the 2018 Tariff Schedule and Bill Impacts Model – Version 2.0 released on July 19, 2017 and will resubmit after corrections have been made. Please note that there may be discrepancies between Attachment 8-12-A and the 2018 Tariff Schedule and Bill Impacts Model, due to rounding.

Details of the impacts of the proposed rates are provided in Attachment 8-12-A. Attachment 8-12-A illustrates individual and combined impacts of the distribution component of the rate transmission and network charges, and the total bill impact, as based on the typical consumption level used for each rate class.

Table 1 provides a summary of bill impacts per rate class including the total change in monthly bill, including variance accounts, as expressed in both monetary and percentage terms. Please note that additional bill impacts are provided in Attachment 8-12-A which are not shown on the summary table. For Hydro Ottawa's 2017 to 2018 bill impacts, please note that rates effective July 1, 2017 were used. This includes the July 1, 2017 Regulated Price Plan ("RPP"), the removal of the Ontario Electricity Support Program ("OESP") Charge, the July 1, 2017 Rural or Remote Electricity Rate Protection Charge ("RRRP"), and the 8% Provincial Rebate that was implemented January 1, 2017.

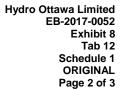
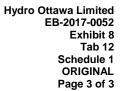




Table 1 – Summary of Rate Impacts

1

Rate Class		2017 Approved	2018 Proposed
	Distribution Charge	\$28.68	\$28.91
Residential	Change in Distribution Charge	Ψ20.00	\$0.23
(800 kWh)	% Distribution Increase		0.80%
,	% Increase of Total Bill		1.02%
	Distribution Charge	\$27.93	\$28.93
Residential	Change in Distribution Charge	<del></del>	\$0.46
(750 kWh)	% Distribution Increase		1.65%
	% Increase of Total Bill		1.24%
	Distribution Charge	\$26.26	\$27.23
Residential	Change in Distribution Charge		\$0.97
(640 kWh)	% Distribution Increase		3.68%
	% Increase of Total Bill		1.83%
	Distribution Charge	\$20.10	\$22.95
Residential	Change in Distribution Charge		\$2.84
(232 kWh)	% Distribution Increase		14.14%
	% Increase of Total Bill		6.97%
	Distribution Charge	\$63.29	\$66.20
General Service < 50 kW	Change in Distribution Charge		\$2.91
(2000 kWh)	% Distribution Increase		4.60%
,	% Increase of Total Bill		1.80%
	Distribution Charge	\$1,281.13	\$1,346.28
General Service 50 to 1,499 kW	Change in Distribution Charge		\$65.15
(250 kW)	% Distribution Increase		5.09%
, ,	% Increase of Total Bill		2.84%
	Distribution Charge	\$13,989.18	\$14,652.43
General Service 1,500 to 4,999 kW	Change in Distribution Charge		\$663.25
(2500 kW)	% Distribution Increase		4.74%
,	% Increase of Total Bill		2.90%
	Distribution Charge	\$43,130.57	\$45,013.82
Large Use	Change in Distribution Charge		\$1,883.25
(7500 kW)	% Distribution Increase		4.37%
	% Increase of Total Bill		3.05%





Rate Class		2017 Approved	2018 Proposed
	Distribution Charge	\$7.95	\$8.78
Sentinel Lighting	Change in Distribution Charge		\$0.83
(0.4 kW)	% Distribution Increase		10.43%
	% Increase of Total Bill		5.00%
	Distribution Charge	\$6.45	\$6.83
Street Lighting	Change in Distribution Charge		\$0.38
(1 KW)	% Distribution Increase		5.82%
	% Increase of Total Bill		4.48%
	Distribution Charge	\$15.22	\$15.88
Unmetered	Change in Distribution Charge		\$0.65
Scattered Load (470 kWh)	% Distribution Increase		4.29%
(	% Increase of Total Bill		1.74%

#### May 1 - O November 1 - April 30 (Select this

### Attachment 8-12(A) **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 100 kWh

			Current Bo	oard-App	roved	2018	Propos	ed	l [	lm	pact 20	18 vs 2017
			Rate	Volume	Charge	Rate	Volume	Charge				
	Charge Unit		(\$)		(\$)	(\$)		(\$)		\$ C	hange	
Monthly Service Charge	Monthly	\$	16.6000	1	\$16.60	\$20.5100	1	\$20.51		\$	3.91	23.55%
Smart Meter Rate Adder				1	\$ -		1	\$ -		\$	-	
				1	\$ -		1	\$ -		\$	-	
				1	\$ -		1	\$ -		\$	-	
				1	\$ -		1	\$ -		\$	-	
				1	\$ -		1	\$ -		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0151	100	\$ 1.51	\$ 0.0105	100	\$ 1.05		-\$	0.46	-30.46%
Smart Meter Disposition Rider				100	\$ -		100	\$ -		\$	-	
LRAM & SSM Rate Rider	per kWh	\$	-	100	\$ -	\$ -	100	\$ -		\$	-	
		_		100	\$ -	•	100	\$ -		\$	-	
				100	\$ -		100	\$ -		\$	-	
				100	\$ -		100	\$ -		\$	-	
				100	\$ -		100	\$ -		\$	_	
				100	\$ -		100	\$ -		\$	_	
				100	\$ -		100	\$ -		\$		
				100	\$ -		100	\$ -		\$		
Sub-Total A (excluding pass thr	ough)			100	\$18.11		100	\$21.56	l f	\$	3.45	19.05%
Deferral/Variance Account	per kWh	1							ŀ			
Disposition Rate Rider Group 1	per Kvvii	-\$	0.000100	100	-\$ 0.01	-\$ 0.0004	100	-\$ 0.04		-\$	0.03	300.00%
Deferral/Variance Account	Monthly	\$	0.0200									
Disposition Rate Rider Group 2	Monthly	Ф	0.0200	1	\$ 0.02	\$ -	1	\$ -		-\$	0.02	-100.00%
		Φ.	0.0000									
Deferral / Variance Accounts	per kWh	-\$	0.0023	400	r 0.00	¢ 0.0000	400	r 0.00		•	0.45	05.000/
Balances (excluding Global				100	-\$ 0.23	-\$ 0.0008	100	-\$ 0.08		\$	0.15	-65.22%
Adj.) - NON-WMP		_										
Rate Rider Calculation for	per kWh	\$	0.0003									
WMS - Sub-account CBR				100	\$ 0.03	\$ -	100	\$ -		-\$	0.03	-100.00%
Class B												
Low Voltage Service Charge	per kWh	\$	0.00007	103	\$ 0.01	\$0.00006	103	\$ 0.01		-\$	0.00	-14.29%
Line Losses on Cost of Power		\$	0.0822	3	\$ 0.28	\$ 0.0822	3	\$ 0.28		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79		\$	-	0.00%
Sub-Total B - Distribution					\$18.99			\$22.51		\$	3.52	18.55%
(includes Sub-Total A)									L	•	3.32	16.55 /6
RTSR - Network	per kWh	\$	0.0074	103	\$ 0.76	\$ 0.0075	103	\$ 0.78		\$	0.01	1.35%
RTSR - Line and	per kWh	\$	0.0047	103	\$ 0.49	\$ 0.0048	103	\$ 0.50		\$	0.01	2.13%
Transformation Connection	perkwii	Ф	0.0047	103	\$ 0.49	\$ 0.0046	103	\$ 0.50		Ф	0.01	2.13%
Sub-Total C - Delivery					\$20.24			\$23.78		\$	3.54	17.50%
(including Sub-Total B)					<b>\$20.24</b>			\$23.70		Þ	3.34	17.50%
Wholesale Market Service	per kWh	\$	0.0036	103	\$ 0.37	\$ 0.0036	103	\$ 0.37		\$		0.00%
Charge (WMSC)	•			103	\$ 0.37	Ť	103	\$ 0.37		Э	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003	400		\$ 0.0003	400			•		0.000/
Protection (RRRP)	•			103	\$ 0.03		103	\$ 0.03		\$	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25		\$	-	0.00%
Ontario Electricity Support (OESF		\$	-	103	\$ -	\$ -	103	\$ -		•		, •
TOU - Off Peak		\$	0.0650	65	\$ 4.23	\$ 0.0650	65	\$ 4.23		\$	-	0.00%
TOU - Mid Peak		\$	0.0950	17	\$ 1.62	\$ 0.0950	17	\$ 1.62		\$	_	0.00%
TOU - On Peak		\$	0.1320	18	\$ 2.38	\$ 0.0330	18	\$ 2.38		\$	_	0.00%
Energy - RPP - Tier 1		\$	0.0770	100	\$ 7.70	\$ 0.0770	100	\$ 7.70		\$	_	0.00%
Energy - RPP - Tier 2		\$	0.0900	0		\$ 0.0770	0	\$ -		\$	_	0.0070
Lifergy - Ri T - Hel Z		Ψ	0.0300	U	Ψ -	\$ 0.0900	U	Ψ -	ш	Ψ	_	
Total Bill on TOU (before Taxes)					\$29.11			\$32.65	П	\$	3.54	12.17%
HST			13%	l	\$ 3.78	13%		\$ 4.24		\$	0.46	12.17%
Total Bill (including HST)			. 2 / 0	l	\$32.89			\$36.90		\$	4.00	12.17%
8% Provincial Rebate			-8%		-\$ 2.33	-8%		-\$ 2.61		-\$	0.28	12.17%
Total Bill (including 8% Province	cial Rebate)		370		\$30.56	3,0		\$34.28		\$	3.72	12.17%
Total Bill on RPP (before Taxes)					\$28.59			\$32.14		\$	3.54	12.39%
HST			13%		\$ 3.72	13%		\$ 4.18		\$	0.46	12.39%
Total Bill (including HST)					\$32.31			\$36.31		\$	4.00	12.39%
8% Provincial Rebate			-8%		-\$ 2.29	-8%		-\$ 2.57		-\$	0.28	12.39%
Total Bill (including 8% Province	cial Rebate)				\$30.02			\$33.74		\$	3.72	12.39%

Loss Factor (%) 3.3500% 3.3500%

### Attachment 8-12(A) **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 232 kWh

			Current Bo	pard-App	roved	ı	2018	3 Propos	ed	ı F	lmp	act 20	17 vs 2016
			Rate	Volume			Rate	Volume					
	Charge Unit		(\$)		(\$)		(\$)		(\$)		\$ Cł	nange	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$16.60		\$20.5100	1	\$20.51		\$	3.91	23.55%
Smart Meter Rate Adder				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0151	232	\$ 3.50		\$ 0.0105	232	\$ 2.44	l I.	\$	1.07	-30.46%
Smart Meter Disposition Rider	•			232	\$ -			232	\$ -		\$	-	
LRAM & SSM Rate Rider	per kWh	\$	-	232	\$ -		\$ -	232	\$ -		\$	-	
ETO IN A COMPTATE PAGE	per kvvii	Ψ		232	\$ -		•	232	\$ -		\$		
				232	\$ -			232	\$ -		\$	_	
				232	\$ -			232	\$ -		\$	-	
				232	\$ -			232	\$ -		\$	_	
				232	\$ -			232	\$ -		\$	-	
				232	\$ -			232	\$ -		\$	_	
				232	\$ -			232	\$ -		\$	_	
Sub-Total A (excluding pass the	rough)			232	\$20.10			232	\$22.95	H	\$	2.84	14.14%
Deferral/Variance Account	per kWh	-\$	0.0001										
	perkwn	-\$	0.0001	232	-\$ 0.02		-\$ 0.0004	232	-\$ 0.09	l J.	\$	0.07	300.00%
Disposition Rate Rider Group 1	Monthl		0.0000										
Deferral / Variance Accounts	Monthly	\$	0.0200		£ 0.00		c		•		¢.	0.00	100.000/
Balances (excluding Global				1	\$ 0.02		\$ -	1	\$ -		\$	0.02	-100.00%
Adj.) - NON-WMP													
Deferral / Variance Accounts	per kWh	-\$	0.0023								_		
Balances (excluding Global				232	-\$ 0.53		-\$ 0.0008	232	-\$ 0.19		\$	0.35	-65.22%
Adj.) - NON-WMP													
Rate Rider Calculation for	per kWh	\$	0.0003										
WMS - Sub-account CBR				232	\$ 0.06		\$ -	232	\$ -	ŀ	\$	0.06	-100.00%
Class B													
Low Voltage Service Charge	per kWh	\$	0.00007	240	\$ 0.02		\$0.00006	240	\$ 0.01	-	\$	0.00	-14.29%
Line Losses on Cost of Power		\$	0.0822	8	\$ 0.64		\$ 0.0822	8	\$ 0.64		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$ 0.79		\$ 0.7900	1	\$ 0.79		\$	-	0.00%
Sub-Total B - Distribution					\$21.07				\$24.11		\$	3.04	14.41%
(includes Sub-Total A)					\$21.07				<b>\$24.</b> 11		Ф	3.04	14.41/0
RTSR - Network	per kWh	\$	0.0074	240	\$ 1.77		\$ 0.0075	240	\$ 1.80	П	\$	0.02	1.35%
RTSR - Line and	per kWh	\$	0.0047	240	\$ 1.13		\$ 0.0048	240	\$ 1.15		\$	0.02	2.13%
Transformation Connection	perkwn	Ф	0.0047	240	φ 1.13		\$ 0.0046	240	\$ 1.15		Ф	0.02	2.13%
Sub-Total C - Delivery					\$23.98				\$27.06		\$	3.08	12.86%
(including Sub-Total B)					\$23.90				\$27.00		Ф	3.00	12.00%
Wholesale Market Service	per kWh	\$	0.0036	040	<b>6</b> 0.00		\$ 0.0036	040	r 0.00	П	œ.		0.000/
Charge (WMSC)				240	\$ 0.86			240	\$ 0.86		\$	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003	0.40	e c c=		\$ 0.0003	0.46	<b>6</b> 6 6=		Φ.		0.000/
Protection (RRRP)		Ť	2.2230	240	\$ 0.07			240	\$ 0.07		\$	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$ 0.25		\$	-	0.00%
Ontario Electricity Support (OESF		\$	-	240	\$ -		\$ -	240	\$ -				
TOU - Off Peak		\$	0.0650	151	\$ 9.80		\$ 0.0650	151	\$ 9.80	1 1	\$		0.00%
TOU - Mid Peak		\$	0.0950	39	\$ 3.75		\$ 0.0950	39	\$ 3.75		\$	_	0.00%
TOU - Mid Feak		\$	0.0930	42	\$ 5.51		\$ 0.0930	42	\$ 5.73		\$		0.00%
Energy - RPP - Tier 1		\$	0.1320	232	\$17.86		\$ 0.1320		\$17.86	1 1	\$		0.00%
Energy - RPP - Tier 2		\$	0.0770	232			\$ 0.0770	0			\$		0.0076
Lifetyy - NFF - Het Z	_	φ	0.0900	U	φ -	_	\$ 0.0900	U	φ -	4	φ		
Total Bill on TOU (before Taxes	3)				\$44.22				\$47.31		\$	3.08	6.97%
HST	•		13%		\$ 5.75		13%		\$ 6.15		\$	0.40	6.97%
Total Bill (including HST)			. 370		\$49.97		,,,,		\$53.46		\$	3.49	6.97%
8% Provincial Rebate			-8%		-\$ 3.54		-8%		-\$ 3.78	l J.	\$	0.25	6.97%
Total Bill (including 8% Provin	cial Rebate\	1	0 /0		\$46.43		370		\$49.67		\$	3.24	6.97%
. Star Bill (moldding 0 /6 F10VII	Nobalej				<b>₽</b> ₹3.₹3				<b>₽</b> ₹3.01		*	5.27	0.31 /0
Total Bill on RPP (before Taxes	s)				\$43.02				\$46.11		\$	3.08	7.17%
HST		1	13%		\$ 5.59		13%		\$ 5.99		\$	0.40	7.17%
Total Bill (including HST)					\$48.62		,,,,		\$52.10		\$	3.49	7.17%
8% Provincial Rebate			-8%		-\$ 3.44		-8%		-\$ 3.69	l J.	\$	0.25	7.17%
Total Bill (including 8% Provin	cial Rebate)		370		\$45.18		370		\$48.41		\$	3.24	7.17%
											Ĺ	,,_,	, 0

Loss Factor (%) 3.3500% 3.3500%

### Attachment 8-12(A) Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 250 kWh

			Current Bo	oard-App	roved	l I	2018	3 Propos	ed	1 Г	lmp	act 20	17 vs 2016
			Rate		Charge		Rate	Volume		1 [			
	Charge Unit		(\$)		(\$)		(\$)		(\$)	] [			% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$16.60		\$20.5100	1	\$20.51		\$	3.91	23.55%
Smart Meter Rate Adder				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$	-	
				1	\$ -			1	\$ -		\$		
Distribution Volumetric Rate	per kWh	\$	0.0151	250	\$ 3.78		\$ 0.0105	250	\$ 2.63		-\$	1.15	-30.46%
Smart Meter Disposition Rider		_		250	\$ -			250	\$ -		\$	-	
LRAM & SSM Rate Rider	per kWh	\$	-	250	\$ -		\$ -	250	\$ -		\$	-	
				250	\$ -			250	\$ -		\$	-	
				250	\$ -			250	\$ -		\$	-	
				250	\$ -			250	\$ -		\$	-	
				250	\$ -			250	\$ -		\$	-	
				250	\$ -			250	\$ -		\$	-	
				250	\$ -			250	\$ -		\$	-	
				250	\$ -			250	\$ -	1 -	\$	<u> </u>	
Sub-Total A (excluding pass the			0.000:		\$20.38				\$23.14	<b>∤</b>	\$	2.76	13.55%
Deferral/Variance Account	per kWh	-\$	0.0001	250	-\$ 0.03		-\$ 0.0004	250	-\$ 0.10		-\$	0.08	300.00%
Disposition Rate Rider Group 1	Manathh		0.0000	1									
Deferral / Variance Accounts	Monthly	\$	0.0200	1	\$ 0.02		\$ -	4	\$ -		-\$	0.02	-100.00%
Balances (excluding Global				1	\$ 0.02		<b>5</b> -	1	\$ -		-⊅	0.02	-100.00%
Adj.) - NON-WMP	134/1		0.0000										
Deferral / Variance Accounts	per kWh	-\$	0.0023	050				050			•		05.000/
Balances (excluding Global				250	-\$ 0.58		-\$ 0.0008	250	-\$ 0.20		\$	0.38	-65.22%
Adj.) - NON-WMP		_											
Rate Rider Calculation for	per kWh	\$	0.0003	050			•	050	•		•	0.07	400 000/
WMS - Sub-account CBR				250	\$ 0.07		\$ -	250	\$ -		-\$	0.07	-100.00%
Class B	1.34/1		0.00007	258	r 0.00		\$0.00006	258	\$ 0.02		-\$	0.00	4.4.000/
Low Voltage Service Charge	per kWh	\$	0.00007	258 8	\$ 0.02 \$ 0.69		\$ 0.0822	258	\$ 0.02		-5 \$	0.00	-14.29% 0.00%
Line Losses on Cost of Power		\$	0.0822						\$ 0.69			-	
Smart Meter Entity Charge Sub-Total B - Distribution	Monthly	\$	0.7900	1	\$ 0.79		\$ 0.7900	1	\$ 0.79	╁	\$		0.00%
(includes Sub-Total A)					\$21.36				\$24.33		\$	2.97	13.90%
RTSR - Network	per kWh	\$	0.0074	258	\$ 1.91		\$ 0.0075	258	\$ 1.94	1 1	\$	0.03	1.35%
RTSR - Line and	•												
Transformation Connection	per kWh	\$	0.0047	258	\$ 1.21		\$ 0.0048	258	\$ 1.24		\$	0.03	2.13%
Sub-Total C - Delivery										1 1			
(including Sub-Total B)					\$24.49				\$27.51		\$	3.02	12.34%
Wholesale Market Service	per kWh	\$	0.0036				\$ 0.0036			1 1	_		
Charge (WMSC)	po	Ψ.	0.0000	258	\$ 0.93		ψ 0.0000	258	\$ 0.93		\$	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003				\$ 0.0003				_		
Protection (RRRP)	poi itti	Ψ.	0.0000	258	\$ 0.08		ψ 0.0000	258	\$ 0.08		\$	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$ 0.25	1 1	\$	-	0.00%
Ontario Electricity Support (OESF		\$	-	258	\$ -		\$ -	258	\$ -				
TOU - Off Peak		\$	0.0650	163	\$10.56		\$ 0.0650	163	\$10.56		\$	-	0.00%
TOU - Mid Peak		\$	0.0950	43			\$ 0.0950	43	\$ 4.04		\$	-	0.00%
TOU - On Peak		\$	0.1320	45	\$ 5.94		\$ 0.1320	45	\$ 5.94	1 1	\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	250	\$19.25		\$ 0.0770	250			\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	0	\$ -		\$ 0.0900	0		1 1	\$	-	
**												0.65	0.744
Total Bill on TOU (before Taxes	i)	1		l	\$46.28				\$49.30		\$	3.02	6.53%
HST		l	13%	l	\$ 6.02		13%		\$ 6.41		\$	0.39	6.53%
Total Bill (including HST)		1		l	\$52.30				\$55.71	1 1	\$	3.41	6.53%
8% Provincial Rebate		1	-8%	1	-\$ 3.70		-8%		-\$ 3.94		-\$	0.24	6.53%
Total Bill (including 8% Provin	cial Rebate)				\$48.60	Щ			\$51.77	Ш	\$	3.17	6.53%
Total Bill on RPP (before Taxes	)	T			\$44.99				\$48.01		\$	3.02	6.72%
HST (before raxes	,	1	13%	l	\$ 5.85		13%		\$ 6.24	ıl	\$	0.39	6.72%
Total Bill (including HST)		1	1370	l	\$50.84		1370		\$54.26		\$	3.41	6.72%
8% Provincial Rebate		1	-8%	1	-\$ 3.60		-8%		-\$ 3.84		-\$	0.24	6.72%
Total Bill (including 8% Provin	cial Rebate)	1	370	l	\$47.24		370		\$50.41	1 1	\$	3.17	6.72%
(					· · · · · ·				, . J		Ť		-1. = /0

Loss Factor (%) 3.3500%

### Attachment 8-12(A) **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 500 kWh

			Current Bo	oard-App	roved		2018	Propos	ed	П	mpact 20	17 vs 2016
			Rate	Volume	Charge		Rate	Volume	Charge			
	Charge Unit		(\$)		(\$)		(\$)		(\$)	\$	Change	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$16.60		\$20.5100	1	\$20.51		3.91	23.55%
Smart Meter Rate Adder				1	\$ -			1	\$ -		5 -	
				1	\$ -			1	\$ -		5 -	
				1	\$ -			1	\$ -		- 8	
				1	\$ -			1	\$ -		5 -	
				1	\$ -			1	\$ -		- 8	
Distribution Volumetric Rate	per kWh	\$	0.0151	500	\$ 7.55		\$ 0.0105	500	\$ 5.25	-:	2.30	-30.46%
Smart Meter Disposition Rider				500	\$ -			500	\$ -		5 -	
LRAM & SSM Rate Rider	per kWh	\$	_	500	\$ -		\$ -	500	\$ -	1 1:	-	
Er a un a com riato riaco	ро. ктт.	Ψ.		500	\$ -		•	500	\$ -		-	
				500	\$ -			500	\$ -		-	
				500	\$ -			500	\$ -		5 -	
				500	\$ -			500	\$ -		5 -	
				500	\$ -			500	\$ -		5 -	
				500	\$ -			500	\$ -		, - } -	
				500	\$ -			500	\$ -		5 -	
Cub Tatal A favoludian mass the				500	\$24.15			500	\$25.76		1.61	6.67%
Sub-Total A (excluding pass the		Φ.	0.0004		\$24.15				\$25.76	H	1.61	6.67%
Deferral/Variance Account	per kWh	-\$	0.0001	500	-\$ 0.05		-\$ 0.0004	500	-\$ 0.20	-:	0.15	300.00%
Disposition Rate Rider Group 1		_					Ť		-			
Deferral / Variance Accounts	Monthly	\$	0.0200						_	l I.		
Balances (excluding Global				1	\$ 0.02		\$ -	1	\$ -		0.02	-100.00%
Adj.) - NON-WMP												
Deferral / Variance Accounts	per kWh	-\$	0.0023									
Balances (excluding Global				500	-\$ 1.15		-\$ 0.0008	500	-\$ 0.40	:	0.75	-65.22%
Adj.) - NON-WMP												
Rate Rider Calculation for	per kWh	\$	0.0003									
WMS - Sub-account CBR				500	\$ 0.14		\$ -	500	\$ -	-:	0.14	-100.00%
Class B												
Low Voltage Service Charge	per kWh	\$	0.00007	517	\$ 0.04		\$0.00006	517	\$ 0.03	-:	0.01	-14.29%
Line Losses on Cost of Power		\$	0.0822	17	\$ 1.38		\$ 0.0822	17	\$ 1.38	:	- 8	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$ 0.79		\$ 0.7900	1	\$ 0.79		5 -	0.00%
Sub-Total B - Distribution					\$25.31				607.00	1 .	2.05	8.10%
(includes Sub-Total A)					\$25.31				\$27.36	l 1°	2.05	8.10%
RTSR - Network	per kWh	\$	0.0074	517	\$ 3.82		\$ 0.0075	517	\$ 3.88		0.05	1.35%
RTSR - Line and										l I.		
Transformation Connection	per kWh	\$	0.0047	517	\$ 2.43		\$ 0.0048	517	\$ 2.48	l 13	0.05	2.13%
Sub-Total C - Delivery					004.50				000 74	1 .		0.000/
(including Sub-Total B)					\$31.56				\$33.71	1 13	2.15	6.82%
Wholesale Market Service	per kWh	\$	0.0036				\$ 0.0036			1 1		
Charge (WMSC)	per kvvii	Ψ	0.0000	517	\$ 1.86		ψ 0.0000	517	\$ 1.86	:	5 -	0.00%
Rural and Remote Rate	per kWh	\$	0.0003				\$ 0.0003					
Protection (RRRP)	per kvvii	Ψ	0.0000	517	\$ 0.16		ψ 0.0000	517	\$ 0.16	:	- 8	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$ 0.25		6 -	0.00%
Ontario Electricity Support (OESF		\$	0.2500	517	\$ 0.25		\$ 0.2500	517	\$ 0.25	l l'	-	5.00 /6
TOU - Off Peak	,	\$	0.0650	325	\$21.13		\$ 0.0650	325	\$21.13	I.	5 -	0.00%
									\$ 8.08			
TOU - Mid Peak		\$	0.0950	85 90			\$ 0.0950	85			,	0.00%
TOU - On Peak		\$	0.1320				\$ 0.1320	90	\$11.88		-	0.00%
Energy - RPP - Tier 1		\$	0.0770	500			\$ 0.0770	500	\$38.50		-	0.00%
Energy - RPP - Tier 2		\$	0.0900	0	\$ -	Щ	\$ 0.0900	0	\$ -	Щ	-	
Total Bill on TOU (before Taxes	1				\$74.91				\$77.06		2.15	2.87%
HST	,		13%		\$ 9.74		13%		\$10.02		0.28	2.87%
Total Bill (including HST)			1370		\$84.64		1370		\$87.08		2.43	2.87%
8% Provincial Rebate			-8%		-\$ 5.99		-8%		-\$ 6.16		0.17	2.87%
	oial Pobate\		-6%				-6%					
Total Bill (including 8% Provin	ciai Kepate)	_			\$78.65	ш			\$80.91	Ш.	2.26	2.87%
Total Bill on RPP (before Taxes	)				\$72.33				\$74.48	1	2.15	2.98%
HST (Belole Taxes	•		13%		\$ 9.40		13%		\$ 9.68		0.28	2.98%
Total Bill (including HST)			1370		\$81.73		1370		\$84.16		2.43	2.98%
8% Provincial Rebate			-8%		-\$ 5.79		-8%		-\$ 5.96		0.17	2.98%
Total Bill (including 8% Provin	cial Rebate\		370		\$75.94		370		\$78.20		2.26	2.98%
. Cta. Dill (Illorading C/61 TOVIII	o.a. result)				710.04				\$10.EU			2.5576

Loss Factor (%) 3.3500% 3.3500%

### Attachment 8-12(A) Bill Impacts

Customer Class: Residential
TOU / non-TOU: TOU

Consumption 640 kWh

			Current B	oard-Apr	oro	ved	1	201	8 Propos	ed		1 [	lmi	act 20	17 vs 2016
			Rate	Volume		harge		Rate	Volume		harge	1 I			
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$	16.60		\$20.5100	1	\$	20.51	1 I	\$	3.91	23.55%
Smart Meter Rate Adder				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0151	640	\$	9.66		\$ 0.0105	640	\$	6.72		-\$	2.94	-30.46%
Smart Meter Disposition Rider		*		640	\$	-			640	\$	-		\$	-	
LRAM & SSM Rate Rider	per kWh	\$	_	640	\$	-		\$ -	640	\$	-		\$	-	
Er a un a com riato riado	por min	Ψ.		640	\$	-		*	640	\$	-		\$	-	
				640	\$	-			640	\$	-		\$	-	
				640	\$	-			640	\$	-		\$	-	
				640	\$	_			640	\$	-		\$	_	
				640	\$	_			640	\$	-		\$	-	
				640	\$				640	\$	-		\$	-	
				640	\$				640	\$	-		\$	-	
Sub-Total A (excluding pass thr	oriap)			0-10	\$	26.26			5-70	\$	27.23	1 1	\$	0.97	3.68%
Deferral/Variance Account	per kWh	-\$	0.0001									1 1			
Disposition Rate Rider Group 1	per Kvvii	-φ	0.0001	640	-\$	0.06		-\$ 0.0004	640	-\$	0.26		-\$	0.19	300.00%
Deferral / Variance Accounts	Monthly	\$	0.0200									1			
Balances (excluding Global	Willing	φ	0.0200	1	\$	0.02		s -	1	\$	_		-\$	0.02	-100.00%
Adj.) - NON-WMP				'	φ	0.02		Φ -		φ	-		-φ	0.02	-100.0078
	per kWh	-\$	0.0023												
Deferral / Variance Accounts	per kwn	-ф	0.0023	640	¢.	1.47		-\$ 0.0008	640	-\$	0.51		\$	0.96	65.000/
Balances (excluding Global				640	-\$	1.47		-\$ 0.0008	640	-\$	0.51		Ф	0.96	-65.22%
Adj.) - NON-WMP															
Rate Rider Calculation for	per kWh	\$	0.0003	0.40	_	0.47			0.40	•				0.47	400.000/
WMS - Sub-account CBR				640	\$	0.17		\$ -	640	\$	-		-\$	0.17	-100.00%
Class B					_					_			_		
Low Voltage Service Charge	per kWh	\$	0.00007	661	\$	0.05		\$0.00006	661	\$	0.04		-\$	0.01	-14.29%
Line Losses on Cost of Power		\$	0.0822	21	\$	1.76		\$ 0.0822	21	\$	1.76		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$	0.79		\$ 0.7900	1	\$	0.79	4	\$	-	0.00%
Sub-Total B - Distribution					\$	27.52				\$	29.05		\$	1.53	5.58%
(includes Sub-Total A)	1340	•	0.0074	004				0.0075	004					0.07	
RTSR - Network	per kWh	\$	0.0074	661	\$	4.89		\$ 0.0075	661	\$	4.96		\$	0.07	1.35%
RTSR - Line and	per kWh	\$	0.0047	661	\$	3.11		\$ 0.0048	661	\$	3.17		\$	0.07	2.13%
Transformation Connection	•	<u> </u>			Ė			-		_			Ľ		
Sub-Total C - Delivery					\$	35.52				\$	37.19		\$	1.67	4.69%
(including Sub-Total B)		-			·										
Wholesale Market Service	per kWh	\$	0.0036	661	\$	2.38		\$ 0.0036	661	\$	2.38		\$	-	0.00%
Charge (WMSC)															
Rural and Remote Rate	per kWh	\$	0.0003	661	\$	0.20		\$ 0.0003	661	\$	0.20		\$	-	0.00%
Protection (RRRP)										•					
Standard Supply Service Charge		\$	0.2500	1	\$	0.25		\$ 0.2500	1	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESF	')	\$	-	661	\$	-		\$ -	661	\$	-		_		0.005
TOU - Off Peak		\$	0.0650	416		27.04		\$ 0.0650	416		27.04	1	\$	-	0.00%
TOU - Mid Peak		\$	0.0950	109		10.34		\$ 0.0950	109		10.34	l l	\$	-	0.00%
TOU - On Peak		\$	0.1320	115	\$	15.21		\$ 0.1320	115	\$			\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	600		46.20		\$ 0.0770	600		46.20		\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	40	\$	3.60	L	\$ 0.0900	40	\$	3.60	oxdot	\$	-	0.00%
Total Pill on TOU /before T					\$	90.93				\$	92.60		\$	1.67	1.83%
Total Bill on TOU (before Taxes	,	l	13%			11.82		13%			12.04		\$	0.22	1.83%
HST		l	13%			102.76		13%			104.64		\$	1.88	1.83%
Total Bill (including HST)		l	90/		•\$ -\$	7.27		00/		-\$	7.41		<b>.</b> \$	0.13	1.83%
8% Provincial Rebate	aial Dah-+-\	1	-8%					-8%				1	-5 \$		
Total Bill (including 8% Provin	ciai Kepaté)	_			4	95.48	_			Þ	97.23	щ	Þ	1.75	1.83%
Total Bill on RPP (before Taxes	)				\$	88.15				\$	89.82	$\neg$	\$	1.67	1.89%
HST	•	l	13%		\$	11.46		13%			11.68		\$	0.22	1.89%
Total Bill (including HST)		l	. 370		\$	99.61					101.49		\$	1.88	1.89%
8% Provincial Rebate		l	-8%		-\$	7.05		-8%		-\$			-\$	0.13	1.89%
Total Bill (including 8% Provin	cial Rebate)	l	3,0			92.56		]			94.31		\$	1.75	1.89%
and an including control					Ť					Ť			Ť		

Loss Factor (%) 3.3500%

### Attachment 8-12(A) Bill Impacts

Customer Class: Residential
TOU / non-TOU: TOU

Consumption 750 kWh

			Current B	oard-Apr	oro	ved	1	201	8 Propos	ed		1 [	lmi	pact 20	17 vs 2016
			Rate	Volume		harge		Rate	Volume		harge	1			
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$	16.60		\$20.5100	1	\$	20.51	1 I	\$	3.91	23.55%
Smart Meter Rate Adder				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0151	750	\$	11.33		\$ 0.0105	750	\$	7.88		-\$	3.45	-30.46%
Smart Meter Disposition Rider		_		750	\$	-		•	750	\$	-		\$	-	
LRAM & SSM Rate Rider	per kWh	\$		750	\$	_		\$ -	750	\$	_		\$	-	
ETO IN A COM Mate Maci	por KVVII	Ψ		750	\$	_		•	750	\$	_		\$	_	
				750	\$	_			750	\$	_		\$	_	
				750	\$	_			750	\$			\$	_	
				750	\$	_			750	\$	_		\$		
				750	\$				750	\$	-		\$	-	
				750	\$				750	\$	-		\$	-	
				750	\$	_			750	\$	-		\$	-	
Sub-Total A (excluding pass thr	ough)			730	\$	27.93			730	\$	28.39		\$	0.46	1.65%
Deferral/Variance Account		-\$	0.0001									1			
	per kWh	-2	0.0001	750	-\$	0.08		-\$ 0.0004	750	-\$	0.30		-\$	0.23	300.00%
Disposition Rate Rider Group 1	Monthl		0.0000												
Deferral / Variance Accounts	Monthly	\$	0.0200		•	0.00		•		•			¢.	0.00	100 000
Balances (excluding Global				1	\$	0.02		\$ -	1	\$	-		-\$	0.02	-100.00%
Adj.) - NON-WMP															
Deferral / Variance Accounts	per kWh	-\$	0.0023												
Balances (excluding Global				750	-\$	1.73		-\$ 0.0008	750	-\$	0.60		\$	1.13	-65.22%
Adj.) - NON-WMP															
Rate Rider Calculation for	per kWh	\$	0.0003												
WMS - Sub-account CBR				750	\$	0.20		\$ -	750	\$	-		-\$	0.20	-100.00%
Class B															
Low Voltage Service Charge	per kWh	\$	0.00007	775	\$	0.05		\$0.00006	775	\$	0.05		-\$	0.01	-14.29%
Line Losses on Cost of Power		\$	0.0822	25	\$	2.06		\$ 0.0822	25	\$	2.06		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$	0.79		\$ 0.7900	1	\$	0.79		\$	-	0.00%
Sub-Total B - Distribution					4	29.26					30.39	1 [	\$	1.13	3.86%
(includes Sub-Total A)					Ψ					¥			•		
RTSR - Network	per kWh	\$	0.0074	775	\$	5.74		\$ 0.0075	775	\$	5.81		\$	0.08	1.35%
RTSR - Line and	per kWh	\$	0.0047	775	\$	3.64		\$ 0.0048	775	\$	3.72		\$	0.08	2.13%
Transformation Connection	per kwrii	Ф	0.0047	115	Ф	3.04		\$ 0.0046	115	Ф	3.72		Ф	0.06	2.13%
Sub-Total C - Delivery					¢	38.64				é	39.92	1 [	\$	1.28	3.33%
(including Sub-Total B)					Þ	30.04				Þ	39.92		Ф	1.20	3.33%
Wholesale Market Service	per kWh	\$	0.0036	775	\$	2.79		\$ 0.0036	775	•	2.79	1 [	\$		0.000/
Charge (WMSC)	•			//5	Э	2.79			775	\$	2.79		Ф	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003	775	•	0.00		\$ 0.0003	775		0.00		•		0.000/
Protection (RRRP)	•			775	\$	0.23			775	\$	0.23		\$	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$	0.25		\$ 0.2500	1	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESP		\$	-	775	\$	-		\$ -	775	\$	-				
TOU - Off Peak		\$	0.0650	488	\$	31.69		\$ 0.0650	488	\$	31.69		\$	-	0.00%
TOU - Mid Peak		\$	0.0950	128		12.11		\$ 0.0950	128		12.11		\$	-	0.00%
TOU - On Peak		\$	0.1320	135		17.82		\$ 0.1320	135		17.82		\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	600		46.20		\$ 0.0770	600		46.20		\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	150		13.50		\$ 0.0900	150		13.50		\$	_	0.00%
g, 1101 2		Ψ	0.0000	100				J 0.0000	100						
Total Bill on TOU (before Taxes	)				\$	103.53				\$	104.81	П	\$	1.28	1.24%
HST		l	13%			13.46		13%			13.63		\$	0.17	1.24%
Total Bill (including HST)		l			\$	116.99				\$	118.44		\$	1.45	1.24%
8% Provincial Rebate		l	-8%		-\$	8.28		-8%		-\$	8.39		-\$	0.10	1.24%
Total Bill (including 8% Provin	cial Rebate)	l			\$	108.70				\$	110.05		\$	1.35	1.24%
					_					_			Ţ		
Total Bill on RPP (before Taxes)	)	l				101.61					102.89	.	\$	1.28	1.26%
HST		1	13%			13.21		13%			13.38		\$	0.17	1.26%
Total Bill (including HST)		l				114.82					116.27		\$	1.45	1.26%
8% Provincial Rebate		1	-8%		-\$	8.13		-8%		-\$	8.23		-\$	0.10	1.26%
Total Bill (including 8% Provin	cial Rebate)	┖			\$	106.69				\$	108.04	Ш	\$	1.35	1.26%

Loss Factor (%) 3.3500%

### Attachment 8-12(A) Bill Impacts

Customer Class: Residential
TOU / non-TOU: TOU

Consumption 800 kWh

			Current B	oard-Anr	ro	ved		201	8 Propos	ed		1 1	lmi	act 20	17 vs 2016
			Rate	Volume		harge		Rate	Volume		harge			<u> </u>	
	Charge Unit		(\$)			(\$)		(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$	16.60		\$20.5100	1	\$	20.51		\$	3.91	23.55%
Smart Meter Rate Adder				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	_			1	\$	-		\$	-	
				1	\$	_			1	\$	_		\$	_	
Distribution Volumetric Rate	per kWh	\$	0.0151	800	\$	12.08		\$ 0.0105	800	\$	8.40		-\$	3.68	-30.46%
Smart Meter Disposition Rider	per kvvii	Ψ	0.0101	800	\$	-		<b>\$</b> 0.0100	800	\$	-		\$	-	00.1070
LRAM & SSM Rate Rider	per kWh	\$		800	\$			\$ -	800	\$	_		\$	-	
EIVAINI & SON IVate IVidei	per Kvvii	Ψ	_	800	\$	_		Ψ	800	\$	_		\$		
				800	\$	_			800	\$	-		\$		
				800	\$				800	\$	-		\$	-	
				800	\$	_			800	\$	_		\$	-	
				800	\$	- [			800	\$	-		\$		
				800	\$				800	\$	_		\$	-	
				800	\$				800	\$	_		\$	-	
Sub-Total A (excluding pass thr	ough)			000	\$	28.68			800	\$	28.91		\$	0.23	0.80%
Deferral/Variance Account	per kWh	-\$	0.0001												
Disposition Rate Rider Group 1	perkwii	-Ф	0.0001	800	-\$	0.08		-\$ 0.0004	800	-\$	0.32		-\$	0.24	300.00%
Deferral / Variance Accounts	Monthly	\$	0.0200												
	WOTHIN	Ф	0.0200	1	\$	0.02		\$ -	1	\$	_		-\$	0.02	-100.00%
Balances (excluding Global Adj.) - NON-WMP				'	φ	0.02		Ψ -	'	φ	-		-φ	0.02	-100.00%
	nor kMh	•	0.0023												
Deferral / Variance Accounts	per kWh	-\$	0.0023	800	-\$	1.84		-\$ 0.0008	800	-\$	0.64		\$	4.00	05.000/
Balances (excluding Global				800	-⊅	1.84		-\$ 0.0008	800	-⊅	0.64		Ф	1.20	-65.22%
Adj.) - NON-WMP															
Rate Rider Calculation for	per kWh	\$	0.0003			0.00		•	000					0.00	400 000/
WMS - Sub-account CBR				800	\$	0.22		\$ -	800	\$	-		-\$	0.22	-100.00%
Class B				007		0.00			007		0.05			0.04	4.4.000/
Low Voltage Service Charge	per kWh	\$	0.00007	827	\$	0.06		\$0.00006	827	\$	0.05		-\$	0.01	-14.29%
Line Losses on Cost of Power		\$	0.0822	27	\$	2.20		\$ 0.0822	27	\$	2.20		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$	0.79		\$ 0.7900	1	\$	0.79		\$	-	0.00%
Sub-Total B - Distribution					\$	30.05				\$	30.99		\$	0.95	3.15%
(includes Sub-Total A)	134/1	•	0.0074	007				A 0 0075	007					0.00	
RTSR - Network	per kWh	\$	0.0074	827	\$	6.12		\$ 0.0075	827	\$	6.20		\$	0.08	1.35%
RTSR - Line and	per kWh	\$	0.0047	827	\$	3.89		\$ 0.0048	827	\$	3.97		\$	0.08	2.13%
Transformation Connection	•	Ė			_			-		_			Ė		
Sub-Total C - Delivery					\$	40.05				\$	41.16		\$	1.11	2.77%
(including Sub-Total B)		_													
Wholesale Market Service	per kWh	\$	0.0036	827	\$	2.98		\$ 0.0036	827	\$	2.98		\$	-	0.00%
Charge (WMSC)				-											
Rural and Remote Rate	per kWh	\$	0.0003	827	\$	0.25		\$ 0.0003	827	\$	0.25		\$	-	0.00%
Protection (RRRP)		_	0.6==:	-				0.00							
Standard Supply Service Charge		\$	0.2500	1	\$	0.25		\$ 0.2500	1	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESF	1)	\$	0.0050	827	\$	-		\$ -	827	\$	-				0.000/
TOU - Off Peak		\$	0.0650	520		33.80		\$ 0.0650	520	\$			\$	-	0.00%
TOU - Mid Peak		\$	0.0950	136		12.92		\$ 0.0950	136	\$	12.92		\$	-	0.00%
TOU - On Peak		\$	0.1320	144				\$ 0.1320	144	\$	19.01		\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	600		46.20		\$ 0.0770	600		46.20		\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	200	\$	18.00	_	\$ 0.0900	200	\$	18.00	Щ	\$	-	0.00%
Total Bill on TOU (before Taxes	1				\$	109.25				\$	110.36		\$	1.11	1.02%
HST	,	l	13%			14.20		13%			14.35		\$	0.14	1.02%
Total Bill (including HST)		l	13/0			123.46		1378			124.71		\$	1.26	1.02%
8% Provincial Rebate		l	-8%		-\$			-8%		-\$	8.83		-\$	0.09	1.02%
Total Bill (including 8% Provin	cial Rehate\	l	-0 /0			114.72		-0 /6			115.88		\$	1.17	1.02%
. Star Bill (illeliuding 6 /6 Provin	oiai ivenate)				P	. 17.12				P	. 13.00		پ	1.17	1.02 /0
Total Bill on RPP (before Taxes	)				\$	107.72				\$	108.84		\$	1.11	1.03%
HST		l	13%		\$	14.00		13%		\$	14.15		\$	0.14	1.03%
Total Bill (including HST)		l				121.73					122.98		\$	1.26	1.03%
8% Provincial Rebate		1	-8%		-\$	8.62		-8%		-\$	8.71		-\$	0.09	1.03%
Total Bill (including 8% Provin	cial Rebate)	L			\$	113.11	L			\$	114.28	L I	\$	1.17	1.03%
, <u> </u>															

Loss Factor (%) 3.3500% 3.3500%

### Attachment 8-12(A) Bill Impacts

Customer Class: Residential
TOU / non-TOU: TOU

Consumption 1,000 kWh

		Current Board-Approved				/ed	1	201	ed	1 1	lmr	nact 20	17 vs 2016		
		-	Rate	Volume		harge		Rate	8 Propos Volume		harge			Juon 20	17 43 2010
	Charge Unit		(\$)			(\$)		(\$)		_	(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$	16.60		\$20.5100	1	\$	20.51		\$	3.91	23.55%
Smart Meter Rate Adder				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	-	
				1	\$	-			1	\$	-		\$	_	
Distribution Volumetric Rate	per kWh	\$	0.0151	1000	\$	15.10		\$ 0.0105	1000	\$	10.50		-\$	4.60	-30.46%
Smart Meter Disposition Rider	por min	Ψ	0.0.0.	1000	\$	-		•	1000	\$	-		\$	-	
LRAM & SSM Rate Rider	per kWh	\$	_	1000	\$			\$ -	1000	\$	-		\$	-	
LIVAW & SOW Nate Nider	pei kvvii	Ψ		1000	\$	_		Ψ	1000	\$	_		\$		
				1000	\$	_			1000	\$	-		\$	-	
				1000	\$	-			1000	\$	-		\$	-	
				1000	\$	_			1000	\$			\$	_	
				1000	\$				1000	\$	_		\$	-	
				1000	\$				1000	\$	-		\$	-	
				1000	\$	-			1000	\$	-		\$	-	
Sub-Total A (excluding pass three	augh)			1000		31.70			1000	\$	31.01		-\$	0.69	-2.18%
Deferral/Variance Account	per kWh	-\$	0.0001												
	perkwn	-2	0.0001	1000	-\$	0.10		-\$ 0.0004	1000	-\$	0.40		-\$	0.30	300.00%
Disposition Rate Rider Group 1	Monthly		0.0000												
Deferral / Variance Accounts	Monthly	\$	0.0200	4	6	0.02		œ.	1	0			-\$	0.02	-100.00%
Balances (excluding Global				1	\$	0.02		\$ -	1	\$	-		-⊅	0.02	-100.00%
Adj.) - NON-WMP	1.1471	_	0.0000												
Deferral / Variance Accounts	per kWh	-\$	0.0023		_					_			_		
Balances (excluding Global				1000	-\$	2.30		-\$ 0.0008	1000	-\$	0.80		\$	1.50	-65.22%
Adj.) - NON-WMP															
Rate Rider Calculation for	per kWh	\$	0.0003							١.					
WMS - Sub-account CBR				1000	\$	0.27		\$ -	1000	\$	-		-\$	0.27	-100.00%
Class B															
Low Voltage Service Charge	per kWh	\$	0.00007	1,034	\$	0.07		\$0.00006	1,034	\$	0.06		-\$	0.01	-14.29%
Line Losses on Cost of Power		\$	0.0822	34	\$	2.75		\$ 0.0822	34	\$	2.75		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$	0.79		\$ 0.7900	1	\$	0.79		\$	-	0.00%
Sub-Total B - Distribution					\$	33.20				\$	33.41		\$	0.21	0.63%
(includes Sub-Total A)															
RTSR - Network	per kWh	\$	0.0074	1034	\$	7.65		\$ 0.0075	1034	\$	7.75		\$	0.10	1.35%
RTSR - Line and	per kWh	\$	0.0047	1034	\$	4.86		\$ 0.0048	1034	\$	4.96		\$	0.10	2.13%
Transformation Connection	per kvvii	Ψ	0.0047	1004	•	4.00		Ψ 0.00-10	1004	•	4.50		¥	0.10	2.1070
Sub-Total C - Delivery					\$	45.71				\$	46.13		\$	0.42	0.91%
(including Sub-Total B)					•	40.7 1				•	40.10		•	0.42	0.5170
Wholesale Market Service	per kWh	\$	0.0036	1034	\$	3.72		\$ 0.0036	1034	\$	3.72		\$		0.00%
Charge (WMSC)				1004	Ψ	0.72			1004	Ψ	0.72		Ψ		0.0070
Rural and Remote Rate	per kWh	\$	0.0003	1034	\$	0.31		\$ 0.0003	1034	\$	0.31		\$	_	0.00%
Protection (RRRP)				1034											
Standard Supply Service Charge		\$	0.2500	1	\$	0.25		\$ 0.2500	1	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESP	)	\$	-	1034	\$	-		\$ -	1034	\$	-				
TOU - Off Peak		\$	0.0650	650		42.25		\$ 0.0650	650		42.25		\$	-	0.00%
TOU - Mid Peak		\$	0.0950	170		16.15		\$ 0.0950	170	\$	16.15		\$	-	0.00%
TOU - On Peak		\$	0.1320	180	\$	23.76		\$ 0.1320	180	\$	23.76		\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	600	\$	46.20		\$ 0.0770	600	\$	46.20		\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	400	\$	36.00		\$ 0.0900	400	\$	36.00	L I	\$	-	0.00%
					Ţ.	20.15				Ĺ	100 ==		•		0.0007
Total Bill on TOU (before Taxes)		1				32.15					132.57		\$	0.42	0.32%
HST		1	13%			17.18		13%			17.23		\$	0.05	0.32%
Total Bill (including HST)		1				49.33					149.80		\$	0.47	0.32%
8% Provincial Rebate		1	-8%			10.57		-8%			10.61		-\$	0.03	0.32%
Total Bill (including 8% Province	cial Rebate)				\$1	38.76	Ш			\$	139.20	ш	\$	0.44	0.32%
Total Bill on RPP (before Taxes)					\$1	32.19				¢.	132.61		\$	0.42	0.31%
HST		1	13%			17.18		13%			17.24		\$	0.05	0.31%
Total Bill (including HST)		1	13%			49.38		13%			149.85		\$	0.03	0.31%
i otal bili (iliciudilig FOT)		1		ı					1					U.+1	
8% Provincial Pehate			_90/		-\$	10.58		_90/		-\$	10 61		-¢	0.03	0.31%
8% Provincial Rebate Total Bill (including 8% Province)	rial Pahata\		-8%			10.58 <b>38.80</b>		-8%			10.61 <b>139.24</b>		-\$ \$	0.03 0.44	0.31% 0.31%

Loss Factor (%) 3.3500%

### Attachment 8-12(A) Bill Impacts

Customer Class: Residential
TOU / non-TOU: TOU

Consumption 1,500 kWh

		1,500																	
			Current B							8 Propos			]	Impact 2017 vs 2016					
			Rate	Volume	С	harge			Rate	Volume	C	harge		١.					
	Charge Unit		(\$)	ļ .	_	(\$)			(\$)		Ļ	(\$)			hange	% Change			
Monthly Service Charge	Monthly	\$	16.6000	1		16.60		\$2	20.5100	1	\$	20.51		\$	3.91	23.55%			
Smart Meter Rate Adder				1	\$					1	\$	-		\$					
				1	\$					1	\$	-		\$					
														\$					
				1	\$	-				1	\$	-							
B: 4.7 (C. 1/4)	1340		0.0454	1500	\$	-		•	0.0105	1500	\$	45.75		\$ -\$	6.90	20.400/			
Distribution Volumetric Rate	per kWh	\$	0.0151		\$	22.65		Э	0.0105			15.75				-30.46%			
Smart Meter Disposition Rider		_		1500				_		1500	\$	-		\$	-				
LRAM & SSM Rate Rider	per kWh	\$	-	1500	\$	-		\$	-	1500	\$	-		\$	-				
				1500	\$					1500	\$	-		\$					
				1500 1500	\$					1500 1500	\$	-		\$					
					\$						\$	-		\$					
				1500						1500		-							
				1500	\$					1500	\$			\$					
				1500	\$	-				1500	\$	-			-				
0.1.7.14(				1500	\$	- 20.05		_		1500	\$	-		\$ -\$	-	7.000/			
Sub-Total A (excluding pass thr Deferral/Variance Account	per kWh	-\$	0.0001			39.25					\$	36.26	1		2.99	-7.62%			
	perkwii	-Ф	0.0001	1500	-\$	0.15		-\$	0.0004	1500	-\$	0.60		-\$	0.45	300.00%			
Disposition Rate Rider Group 1 Deferral / Variance Accounts	Monthly	\$	0.0200	l															
Balances (excluding Global	IVIOTITITY	Ф	0.0200	1	\$	0.02		\$		1	\$			-\$	0.02	-100.00%			
Adj.) - NON-WMP				· '	Ψ	0.02		Ψ			Ψ			Ψ	0.02	100.0070			
Deferral / Variance Accounts	per kWh	-\$	0.0023																
Balances (excluding Global	per kwii	-ψ	0.0023	1500	_€	3.45		.0	0.0008	1500	-\$	1.20		\$	2.25	-65.22%			
Adi.) - NON-WMP				1300	-Ψ	3.43		-ψ	0.0000	1300	-ψ	1.20		Ψ	2.20	-03.22 /0			
Rate Rider Calculation for	per kWh	\$	0.0003																
WMS - Sub-account CBR	per kwii	Ψ	0.0003	1500	\$	0.41		\$		1500	\$			-\$	0.41	-100.00%			
Class B				1000	Ψ	0.41		Ψ		1000	Ψ			Ψ	0.41	100.0070			
Low Voltage Service Charge	per kWh	\$	0.00007	1,550	\$	0.11		\$0	0.00006	1,550	\$	0.09		-\$	0.02	-14.29%			
Line Losses on Cost of Power	por kriii	\$	0.0822	50	\$	4.13			0.0822	50	\$	4.13		\$	-	0.00%			
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$	0.79			0.7900	1	\$	0.79		\$	-	0.00%			
Sub-Total B - Distribution		Ť				41.10		Ť				39.47		-\$	4.00	-3.97%			
(includes Sub-Total A)															1.63				
RTSR - Network	per kWh	\$	0.0074	1550	\$	11.47		\$	0.0075	1550	\$	11.63		\$	0.16	1.35%			
RTSR - Line and	per kWh	\$	0.0047	1550	\$	7.29		\$	0.0048	1550	\$	7.44		\$	0.16	2.13%			
Transformation Connection	por krrii	Ψ.	0.0011	.000	Ψ.	0		۳	0.00.0	1000	•			Ľ	0.10	2.1070			
Sub-Total C - Delivery					\$	59.86					\$	58.54		-\$	1.32	-2.21%			
(including Sub-Total B)					·			_						Ľ.					
Wholesale Market Service	per kWh	\$	0.0036	1550	\$	5.58		\$	0.0036	1550	\$	5.58		\$	-	0.00%			
Charge (WMSC)	1340		0.0000					_	0.0000										
Rural and Remote Rate Protection (RRRP)	per kWh	\$	0.0003	1550	\$	0.47		\$	0.0003	1550	\$	0.47		\$	-	0.00%			
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$	0.25		•	0.2500	1	\$	0.25		\$		0.00%			
Ontario Electricity Support (OESP		\$	0.2500	1550	\$	0.23		\$	0.2500	1550	\$	0.23		Φ	-	0.00 /6			
TOU - Off Peak	,	\$	0.0650	975		63.38			0.0650	975		63.38		\$		0.00%			
TOU - Off Peak		\$	0.0650	255		24.23			0.0950	255	\$	24.23		\$		0.00%			
TOU - Mid Peak TOU - On Peak		\$	0.0950	255		35.64			0.0950	255	\$	35.64		\$		0.00%			
Energy - RPP - Tier 1		\$	0.1320	600		46.20			0.1320	600		46.20		\$	-	0.00%			
Energy - RPP - Tier 2		\$	0.0900	900		81.00			0.0900	900		81.00		\$		0.00%			
2orgy 131 1161 2		φ	0.0000	300				Ψ	3.0300	300				Ė					
Total Bill on TOU (before Taxes)	)					89.40						188.08		-\$	1.32	-0.70%			
HST			13%	l		24.62			13%			24.45		-\$	0.17	-0.70%			
Total Bill (including HST)				l		214.02						212.53		-\$	1.49	-0.70%			
8% Provincial Rebate			-8%	l		15.15			-8%			15.05		\$	0.11	-0.70%			
Total Bill (including 8% Proving	cial Rebate)				\$1	98.87	Щ	Щ			\$	197.48	ᆫ	-\$	1.39	-0.70%			
Total Bill on RPP (before Taxes)	<u> </u>				\$1	93.36					\$	192.04		-\$	1.32	-0.68%			
HST	,		13%	l		25.14			13%			24.96	ĺ	-\$	0.17	-0.68%			
Total Bill (including HST)		1	1070	1		218.49			1070			217.00		-\$	1.49	-0.68%			
8% Provincial Rebate		1	-8%	1		15.47			-8%			15.36		\$	0.11	-0.68%			
Total Bill (including 8% Provin	cial Rebate)		370	l		203.02			570			201.64		-\$	1.39	-0.68%			
	a	_			**	· · · ·	_	_		-	Ť	-5	_	. *		3.00 /6			

Loss Factor (%) 3.3500% 3.3500%

### Attachment 8-12(A) **Bill Impacts**

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 2,000 kWh

			Current E	Board-Appr	oved	2018 Proposed					Impact 2017 vs 2016			
			Rate	Volume	Charge	1	Rate	Volume		narge	1			
	Charge Unit		(\$)		(\$)		(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	16.6000	1	\$ 16.60		\$20.5100	1	\$	20.51	1 1	\$	3.91	23.55%
Smart Meter Rate Adder				1	\$ -			1	\$	-		\$	-	
				1	\$ -			1	\$	-		\$	-	
				1	\$ -			1	\$	-		\$	-	
				1	\$ -			1	\$	-		\$	-	
				1	\$ -			1	\$	-		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0151	2000	\$ 30.20		\$ 0.0105	2000		21.00		-\$	9.20	-30.46%
Smart Meter Disposition Rider		_		2000	\$ -		•	2000	\$	-		\$	-	
	per kWh	\$	_	2000	\$ -		\$ -	2000	\$	_		\$	_	
ENAIM & SSIM Nate Nider	per kvvii	Ψ	_	2000	\$ -		Ψ	2000	\$			\$	_	
				2000	\$ -			2000	\$	_		\$	_	
				2000	\$ -			2000	\$	_		\$	_	
				2000	\$ -			2000	\$			\$	_	
				2000	\$ -			2000	\$			\$	-	
				2000	\$ -			2000	\$			\$	-	
				2000	\$ -			2000	\$	-		\$	-	
Sub-Total A (excluding pass thro	augh)			2000	\$ 46.80			2000		- 41.51		- <b>\$</b>	5.29	-11.30%
	per kWh	-\$	0.0001		-			<del>                                     </del>			1			
Disposition Rate Rider Group 1	per kwii	-Ф	0.0001	2000	-\$ 0.20		-\$ 0.0004	2000	-\$	0.80		-\$	0.60	300.00%
	Monthly	\$	0.0200			l		l	l					
	Monthly	Э	0.0200	4	\$ 0.02		e e	4	•			-\$	0.00	100 000/
Balances (excluding Global				1	\$ 0.02		\$ -	1	\$	-		-\$	0.02	-100.00%
Adj.) - NON-WMP	1340		0.0000											
	per kWh	-\$	0.0023						_			_		
Balances (excluding Global				2000	-\$ 4.60		-\$ 0.0008	2000	-\$	1.60		\$	3.00	-65.22%
Adj.) - NON-WMP														
	per kWh	\$	0.0003											
WMS - Sub-account CBR				2000	\$ 0.54		\$ -	2000	\$	-		-\$	0.54	-100.00%
Class B														
Low Voltage Service Charge	per kWh	\$	0.00007	2,067	\$ 0.14		\$0.00006	2,067	\$	0.12		-\$	0.02	-14.29%
Line Losses on Cost of Power		\$	0.0822	67	\$ 5.50		\$ 0.0822	67	\$	5.50		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$ 0.79		\$ 0.7900	1	\$	0.79		\$	-	0.00%
Sub-Total B - Distribution					\$ 49.00				4	45.53		-\$	3.47	-7.08%
(includes Sub-Total A)					-							•	-	
RTSR - Network	per kWh	\$	0.0074	2067	\$ 15.30		\$ 0.0075	2067	\$	15.50		\$	0.21	1.35%
RTSR - Line and	per kWh	\$	0.0047	2067	\$ 9.71		\$ 0.0048	2067	\$	9.92		\$	0.21	2.13%
Transformation Connection	per kvvii	Ψ	0.0041	2001	Ψ 5.71		Ψ 0.0040	2001	Ψ	0.02		Ψ	0.21	2.1070
Sub-Total C - Delivery					\$ 74.01				\$	70.95		-\$	3.06	-4.13%
(including Sub-Total B)					Ψ 74.01				۳	70.50		Ψ	0.00	4.1070
Wholesale Market Service	per kWh	\$	0.0036	2067	\$ 7.44		\$ 0.0036	2067	\$	7.44		\$	_	0.00%
Charge (WMSC)				2007	Ψ 1.77			2001	Ψ	7.44		Ψ	-	0.0070
Rural and Remote Rate	per kWh	\$	0.0003	2067	\$ 0.62		\$ 0.0003	2067	\$	0.62		\$		0.00%
Protection (RRRP)				2007				2007		0.02			-	0.00 /6
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESP)		\$	-	2067	\$ -	l	\$ -	2067	\$	-				
TOU - Off Peak		\$	0.0650	1300	\$ 84.50	l	\$ 0.0650	1300	\$	84.50		\$	-	0.00%
TOU - Mid Peak		\$	0.0950	340	\$ 32.30	l	\$ 0.0950	340	\$	32.30		\$	-	0.00%
TOU - On Peak		\$	0.1320	360	\$ 47.52		\$ 0.1320	360	\$	47.52		\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	600	\$ 46.20		\$ 0.0770	600	\$	46.20		\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	1400	\$126.00	l	\$ 0.0900	1400		26.00		\$	-	0.00%
Total Bill on TOU (before Taxes)					\$246.64					43.58		-\$	3.06	-1.24%
HST		l	13%		\$ 32.06		13%	1		31.67		-\$	0.40	-1.24%
Total Bill (including HST)		l			\$278.70					75.25		-\$	3.45	-1.24%
8% Provincial Rebate		1	-8%		-\$ 19.73	l	-8%	1		19.49		\$	0.24	-1.24%
Total Bill (including 8% Province	ial Rebate)	Ц_			\$258.97				\$2	55.76	Ш	-\$	3.21	-1.24%
Total Bill on DDB (batas T					\$254 E2				6.0	E1 40		¢	2.00	1 200/
Total Bill on RPP (before Taxes)		1	4001		<b>\$254.52</b> \$ 33.09	l	400/	1		<b>51.46</b> 32.69	ıl	<b>-\$</b> -\$	3.06 0.40	<b>-1.20%</b> -1.20%
HST		1	13%			l	13%	1		32.69 <b>84.15</b>		-\$ -\$	0.40 <b>3.45</b>	-1.20% - <b>1.20%</b>
Total Bill (including HST)		l	001		\$287.61		201	1				-\$ \$		-1.20% -1.20%
8% Provincial Rebate Total Bill (including 8% Province	del Debesse	l	-8%		-\$ 20.36 <b>\$267.25</b>		-8%	1		20.12 <b>64.04</b>		-\$	0.24 3.21	-1.20% -1.20%
						1								

Loss Factor (%) 3.3500% 3.3500%

Hydro Ottawa Limited EB-2017-0052 Exhibit 8 Tab 12 Schedule 1 Attachment 8-12(A) ORIGINAL Page 11 of 26

# Attachment 8-12(A) May 1 - Occbet/80jember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 1,000 kWh

		Current Board-Approved 2018					8 Propos	ed		П	nnact 20	17 vs 2016	
			Rate	Volume			Rate	Volume		ge	F		
	Charge Unit		(\$)		(\$)		(\$)		(\$	- 1	\$	Change	% Change
Monthly Service Charge	Monthly	\$	17.8900	1	\$ 17.89		\$18.6000	1		.60	\$		3.97%
Smart Meter Rate Adder		Ť		1	\$ -			1	\$	-	\$	-	
				1	\$ -			1	\$		\$		
				1	\$ -			1		.	\$		
				1	\$ -			1			\$		
				1	\$ -			1	\$	.	\$		
Distribution Volumetric Rate	per kWh	\$	0.0227	1000	\$ 22.70		\$ 0.0238	1000		.80	\$		4.85%
Smart Meter Disposition Rider	por krein	Ψ	0.0227	1000	\$ -		*	1000	\$		\$		
LRAM & SSM Rate Rider	per kWh	\$		1000	\$ -		\$ -	1000	1	.	\$		
ETO IN G COM Nate Maci	per kvvii	Ψ		1000	\$ -		•	1000		.	\$		
				1000	\$ -			1000		.	\$		
				1000	\$ -			1000		.	\$		
				1000	\$ -			1000	*	.	\$		
				1000	\$ -			1000		.	\$		
				1000	\$ -			1000	\$	.	\$		
				1000	\$ -			1000	\$	.	\$		
Sub-Total A (excluding pass thr	oriap)			1000	\$ 40.59			1000		.40	\$		4.46%
Deferral/Variance Account	per kWh	\$											7.70 /0
Disposition Rate Rider Group 1	POI KVVII	Ψ		1000	\$ -		-\$ 0.0004	1000	-\$ 0	.40	-\$	0.40	
Deferral/Variance Account	per kWh	\$	_										
Disposition Rate Rider Group 2	per kwiii	φ	-	1000	\$ -		\$ -	1000	\$		\$	-	
Deferral / Variance Accounts	per kWh	-\$	0.0023										
	per kwn	- <b>p</b>	0.0023	1000	-\$ 2.30		-\$ 0.0008	1000	¢ 0	.80	\$	1.50	-65.22%
Balances (excluding Global Adi.) - NON-WMP				1000	-φ 2.30		-φ 0.0008	1000	-φ 0	.00	φ	1.50	-03.22 /6
Rate Rider Calculation for	IAA/I-	•	0.0000										
WMS - Sub-account CBR	per kWh	\$	0.0003	1000	\$ 0.27		\$ -	1000	\$	.	-\$	0.27	-100.00%
				1000	\$ 0.27		<b>5</b> -	1000	Ф	-	-2	0.27	-100.00%
Class B	1340		0.00007	4 004	¢ 0.07		\$0.00006	4.004	• 0	00		0.04	4.4.000/
Low Voltage Service Charge	per kWh	\$	0.00007	1,034	\$ 0.07 \$ 2.75			1,034		.06	-\$		-14.29%
Line Losses on Cost of Power		\$	0.0822	34 1			\$ 0.0822	34		.75	\$		0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900		\$ 0.79		\$ 0.7900	1	\$ U	.79	3		0.00%
Sub-Total B - Distribution					\$ 42.17				\$ 44	.80	\$	2.63	6.24%
(includes Sub-Total A) RTSR - Network	per kWh	\$	0.0068	1034	\$ 7.03		\$ 0.0069	1034	\$ 7	.13	\$	0.10	1.47%
	per kwn	Ф	0.0000	1034	\$ 7.03		\$ 0.0069	1034	φ <i>1</i>	.13	4	0.10	1.47 76
RTSR - Line and	per kWh	\$	0.0045	1034	\$ 4.65		\$ 0.0046	1034	\$ 4	.75	\$	0.10	2.22%
Transformation Connection											- 1-		
Sub-Total C - Delivery					\$ 53.85				\$ 56	.69	\$	2.84	5.27%
(including Sub-Total B)	IAA/I-	\$	0.0036				<b>.</b>				-  -		
Wholesale Market Service	per kWh	Э	0.0036	1034	\$ 3.72		\$ 0.0036	1034	\$ 3	.72	\$	-	0.00%
Charge (WMSC)	1340		0.0000										
Rural and Remote Rate	per kWh	\$	0.0003	1034	\$ 0.31		\$ 0.0003	1034	\$ 0	.31	\$	-	0.00%
Protection (RRRP)		_								0.5			0.000/
Standard Supply Service Charge		\$	0.2500	1	\$ 0.25		\$ 0.2500	1		.25	\$	-	0.00%
Ontario Electricity Support (OESF	<b>'</b> )	\$	-	1034	\$ -		\$ -	1034	\$	١ ,	۱.		0.000
Debt Retirement Charge (DRC)		\$	0.0069	1000	\$ 6.94		\$ 0.0069	1000		.94	\$		0.00%
TOU - Off Peak		\$	0.0650	650	\$ 42.25		\$ 0.0650	650	\$ 42		\$		0.00%
TOU - Mid Peak		\$	0.0950	170	\$ 16.15		\$ 0.0950	170	\$ 16		\$		0.00%
TOU - On Peak		\$	0.1320	180	\$ 23.76		\$ 0.1320	180	\$ 23		\$		0.00%
Energy - RPP - Tier 1		\$	0.0770	750	\$ 57.75		\$ 0.0770	750	\$ 57		\$		0.00%
Energy - RPP - Tier 2		\$	0.0900	250	\$ 22.50	Ш	\$ 0.0900	250	\$ 22	.50	\$	-	0.00%
Total Bill on TOU (before Taxes	`				\$147.23				\$150	07	\$	2.84	1.93%
HST	,		13%		\$ 19.14		13%		\$ 19		\$		1.93%
			13%		\$ 19.14 \$166.37		13%		\$169		\$		1.93%
Total Bill (including HST)			-8%		-\$ 11.78		00/		<b>\$169</b>		-\$		1.93%
8% Provincial Rebate	aial Dahata'		-8%				-8%		\$157		-5 \$		
Total Bill (including 8% Provin	ciai Kebate)				\$154.60	ш			\$15/	.37	\$	2.98	1.93%
Total Bill on RPP (before Taxes	)				\$145.32				\$148	.16	\$	2.84	1.95%
HST	•		13%		\$ 18.89		13%		\$ 19		\$		1.95%
Total Bill (including HST)			. 370		\$164.22		. 370		\$167		Š		1.95%
8% Provincial Rebate			-8%		-\$ 11.63		-8%		-\$ 11		-\$		1.95%
Total Bill (including 8% Provin	cial Rebate)		370		\$152.59		3,0		\$155		Š		1.95%
					÷ .02.00				¥.50		Ť		

Loss Factor (%) 3.3500%

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# Attachment 8-12(A) May 1 - Occbentidember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 2,000 kWh

		Current Board-Approved					2018 Proposed					Impact 2017 vs 201			
			Rate	Volume	Charge		Rate	Volume		harge	1				
	Charge Unit		(\$)		(\$)		(\$)			(\$)		\$ C	hange	% Change	
Monthly Service Charge	Monthly	\$	17.8900	1	\$ 17.89		\$18.6000	1	\$	18.60		\$	0.71	3.97%	
Smart Meter Rate Adder				1	\$ -			1	\$	-		\$	-		
				1	\$ -			1	\$	-		\$	-		
				1	\$ -			1	\$	-		\$	-		
				1	\$ -			1	\$	-		\$	-		
				1	\$ -			1	\$	-		\$			
Distribution Volumetric Rate	per kWh	\$	0.0227	2000	\$ 45.40		\$ 0.0238	2000		47.60		\$	2.20	4.85%	
Smart Meter Disposition Rider		_		2000	\$ -		_	2000		-		\$	-		
LRAM & SSM Rate Rider	per kWh	\$	-	2000	\$ -		\$ -	2000	\$	-		\$	-		
				2000	\$ - \$ -			2000 2000	\$	-		\$	-		
				2000 2000	\$ -			2000	\$			\$	- 1		
				2000	\$ -			2000				\$			
				2000	\$ -			2000				\$			
				2000	\$ -			2000	\$	-		\$			
				2000	\$ -			2000	\$	_		\$	_		
Sub-Total A (excluding pass the	ough)			2000	\$ 63.29			2000	\$	66.20		\$	2.91	4.60%	
Deferral/Variance Account	per kWh	\$	-	2000	\$ -		-\$ 0.0004	2000		0.80		-\$			
Disposition Rate Rider Group 1				2000	<b>ф</b> -		-\$ U.UUU4	2000	-ф	0.80		-ф	0.80		
Deferral/Variance Account	per kWh	\$	-	2000	\$ -		\$ -	2000	\$	_		\$	_		
Disposition Rate Rider Group 2				2000	φ -		φ -	2000	φ	-		φ	-		
Deferral / Variance Accounts	per kWh	-\$	0.0023												
Balances (excluding Global				2000	-\$ 4.60		-\$ 0.0008	2000	-\$	1.60		\$	3.00	-65.22%	
Adj.) - NON-WMP															
Rate Rider Calculation for	per kWh	\$	0.0003				_					_			
WMS - Sub-account CBR				2000	\$ 0.54		\$ -	2000	\$	-		-\$	0.54	-100.00%	
Class B		_		0.007				0.007	_	0.40		_		44.000/	
Low Voltage Service Charge	per kWh	\$	0.00007	2,067	\$ 0.14 \$ 5.50		\$0.00006	2,067	\$	0.12 5.50		-\$ \$	0.02	-14.29%	
Line Losses on Cost of Power Smart Meter Entity Charge	Monthly	\$	0.0822 0.7900	67 1	\$ 0.79		\$ 0.0822 \$ 0.7900	67		0.79		\$	-	0.00% 0.00%	
Sub-Total B - Distribution	MOTHITY	φ	0.7900				\$ 0.7900	-	Ė						
(includes Sub-Total A)					\$ 65.67				\$	70.22		\$	4.55	6.93%	
RTSR - Network	per kWh	\$	0.0068	2067	\$ 14.06		\$ 0.0069	2067	\$	14.26		\$	0.21	1.47%	
RTSR - Line and	per kWh	\$	0.0045	2067	\$ 9.30		\$ 0.0046	2067	\$	9.51		\$	0.21	2.22%	
Transformation Connection	perkeen	Ψ	0.0040	2007	Ψ 0.00		Ψ 0.00-10	2001	•	0.01		•	0.21	2.2270	
Sub-Total C - Delivery					\$ 89.03				\$	93.99		\$	4.96	5.57%	
(including Sub-Total B)	IAA/I-	\$	0.0036				<b>*</b> 0.0000		Ė		1	Ė			
Wholesale Market Service Charge (WMSC)	per kWh	э	0.0036	2067	\$ 7.44		\$ 0.0036	2067	\$	7.44		\$	-	0.00%	
Rural and Remote Rate	per kWh	\$	0.0003				\$ 0.0003								
Protection (RRRP)	per kwrii	Ф	0.0003	2067	\$ 0.62		\$ 0.0003	2067	\$	0.62		\$	-	0.00%	
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$	0.25		\$	_	0.00%	
Ontario Electricity Support (OESF		\$	0.2000	2067	\$ -		\$ -	2067	\$	-		Ψ.		0.0070	
Debt Retirement Charge (DRC)	,	\$	0.0069	2000	\$ 13.88		\$ 0.0069	2000		13.88		\$	-	0.00%	
TOU - Off Peak		\$	0.0650	1300	\$ 84.50	l	\$ 0.0650	1300		84.50		\$	-	0.00%	
TOU - Mid Peak		\$	0.0950	340	\$ 32.30		\$ 0.0950	340		32.30		\$	-	0.00%	
TOU - On Peak		\$	0.1320	360	\$ 47.52		\$ 0.1320	360		47.52		\$	-	0.00%	
Energy - RPP - Tier 1		\$	0.0770	750	\$ 57.75		\$ 0.0770	750		57.75		\$	-	0.00%	
Energy - RPP - Tier 2		\$	0.0900	1250	\$112.50		\$ 0.0900	1250	\$1	112.50		\$	-	0.00%	
Total Bill on TOU (before Taxes	,				\$275.54				6.7	280.50	Ħ	\$	4.96	1.80%	
HST	)		13%		\$ 35.82		13%			36.47		\$	0.65	1.80%	
Total Bill (including HST)			13/0		\$311.36		1370			316.97		\$	5.61	1.80%	
8% Provincial Rebate			-8%		-\$ 22.04		-8%			22.44		-\$	0.40	1.80%	
Total Bill (including 8% Provin	cial Rebate)		370		\$289.31		0 / 0			294.53		\$	5.21	1.80%	
											Ξ	•			
Total Bill on RPP (before Taxes	)		400/		<b>\$281.47</b> \$ 36.59		100/			2 <b>86.43</b> 37.24		<b>\$</b> \$	<b>4.96</b> 0.65	<b>1.76%</b> 1.76%	
HST		1	13%		\$ 36.59 <b>\$318.06</b>	l	13%	1		37.24 323.67		\$	0.65 <b>5.61</b>	1.76% <b>1.76%</b>	
Total Bill (including HST) 8% Provincial Rebate			-8%		-\$ 22.52		-8%			22.91		<b>.</b> \$	0.40	1.76%	
Total Bill (including 8% Provin	cial Rehate)		-8%		\$295.54		-070			300.75		-⊅ \$	5.21	1.76%	
Total Bill (including 6% Provin	ciai Nebale)				φ 230.04				φ÷	,,,,,,		9	J.Z I	1.70%	

Loss Factor (%) 3.3500% 3.3500%

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# Attachment 8-12(A) May 1 - OcObeN39ember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 5,000 kWh

		Current Board-Approved 2018 Pro					8 Propos	sed	Ir	017 vs 2016		
			Rate	Volume	Charge		Rate	Volume				
	Charge Unit		(\$)		(\$)		(\$)		(\$)	\$	Change	% Change
Monthly Service Charge	Monthly	\$	17.8900	1	\$ 17.89		\$18.6000	1	\$ 18.60	\$		3.97%
Smart Meter Rate Adder				1	\$ -		•	1	\$ -	\$	-	
				1	\$ -			1	\$ -	\$	-	
				1	\$ -			1	\$ -	\$		
				1	\$ -			1	\$ -	\$	_	
				1	\$ -			1	\$ -	\$	_	
Distribution Volumetric Rate	per kWh	\$	0.0227	5000	\$113.50		\$ 0.0238	5000	\$119.00	\$	5.50	4.85%
Smart Meter Disposition Rider	perkyvii	Φ	0.0227	5000	\$ -		Ψ 0.0230	5000	\$ -	\$	3.30	4.0070
		•		5000	\$ -		\$ -	5000	\$ -	\$		
LRAM & SSM Rate Rider	per kWh	\$	-				Ф -					
				5000	Ψ			5000	Ψ	\$	-	
				5000	\$ -			5000	\$ -	\$	-	
				5000	\$ -			5000	\$ -	\$	-	
				5000	\$ -			5000	\$ -	\$	-	
				5000	\$ -			5000	\$ -	\$	-	
				5000	\$ -			5000	\$ -	\$	-	
				5000	\$ -			5000	\$ -	\$	-	
Sub-Total A (excluding pass thr	ough)				\$131.39				\$137.60	\$	6.21	4.73%
Deferral/Variance Account	per kWh	\$		5000	. \$		-\$ 0.0004	5000	-\$ 2.00	-\$	2.00	
Disposition Rate Rider Group 1	•			5000	<b>5</b> -		-\$ 0.0004	5000	-\$ 2.00	-\$	2.00	
Deferral/Variance Account	per kWh	\$	_									
Disposition Rate Rider Group 2	F ** · · · · · · ·	*		5000	\$ -		\$ -	5000	\$ -	\$	-	
Deferral / Variance Accounts	per kWh	-\$	0.0023									
Balances (excluding Global	po. mm.	Ψ	0.0020	5000	-\$ 11.50		-\$ 0.0008	5000	-\$ 4.00	\$	7.50	-65.22%
Adj.) - NON-WMP				0000	ψ 11.00		Ψ 0.0000	0000	Ψ 4.00	Ψ	7.00	00.2270
Rate Rider Calculation for	per kWh	\$	0.0003									
WMS - Sub-account CBR	perkwii	Ф	0.0003	5000	\$ 1.35		\$ -	5000	\$ -	-\$	1.35	-100.00%
				5000	φ 1.35		Ф -	5000	Ф -	-Ф	1.33	-100.00%
Class B	1340		0.00007	F 400	\$ 0.36		\$0.00006	F 400	\$ 0.31	-\$	0.05	4.4.000/
Low Voltage Service Charge	per kWh	\$	0.00007	5,168				5,168				-14.29%
Line Losses on Cost of Power		\$	0.0822	168	\$ 13.76		\$ 0.0822	168	\$ 13.76	\$		0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$ 0.79		\$ 0.7900	1	\$ 0.79	\$		0.00%
Sub-Total B - Distribution					\$136.15				\$146.46	\$	10.31	7.57%
(includes Sub-Total A)										Ļ		
RTSR - Network	per kWh	\$	0.0068	5168	\$ 35.14		\$ 0.0069	5168	\$ 35.66	\$	0.52	1.47%
RTSR - Line and	per kWh	\$	0.0045	5168	\$ 23.25		\$ 0.0046	5168	\$ 23.77	\$	0.52	2.22%
Transformation Connection	F ** · · · · · · ·	*		0.00	*		•		¥	Ľ		
Sub-Total C - Delivery					\$194.55				\$205.89	\$	11.34	5.83%
(including Sub-Total B)					<b>V.O.100</b>				<b>\$200.00</b>	Ľ		0.0070
Wholesale Market Service	per kWh	\$	0.0036	5168	\$ 18.60		\$ 0.0036	5168	\$ 18.60	\$		0.00%
Charge (WMSC)				0100	Ψ 10.00			0100	Ψ 10.00	Ψ		0.0070
Rural and Remote Rate	per kWh	\$	0.0003	5168	\$ 1.55		\$ 0.0003	5168	\$ 1.55	\$		0.00%
Protection (RRRP)				5100	φ 1.55			5100	φ 1.55	Ф	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$ 0.25	\$	-	0.00%
Ontario Electricity Support (OESF	P)	\$	-	5168	\$ -		\$ -	5168	\$ -			
Debt Retirement Charge (DRC)	•	\$	0.0069	5000	\$ 34.70		\$ 0.0069	5000	\$ 34.70	\$	-	0.00%
TOU - Off Peak		\$	0.0650	3250	\$211.25		\$ 0.0650	3250	\$211.25	\$	-	0.00%
TOU - Mid Peak		\$	0.0950	850	\$ 80.75		\$ 0.0950	850	\$ 80.75	\$		0.00%
TOU - On Peak		\$	0.1320	900	\$118.80		\$ 0.1320	900	\$118.80	\$		0.00%
Energy - RPP - Tier 1		\$	0.1320	750	\$ 57.75		\$ 0.1320	750	\$ 57.75	\$		0.00%
Energy - RPP - Tier 2		\$	0.0770	4250	\$382.50		\$ 0.0770	4250	\$382.50	\$		0.00%
Energy - RPP - Tiel 2		Þ	0.0900	4250	\$302.50		\$ 0.0900	4250	\$302.50	Þ		0.00%
Total Bill on TOU (before Taxes	)				\$660.45				\$671.79	\$	11.34	1.72%
HST	,		13%		\$ 85.86		13%		\$ 87.33	\$	1.47	1.72%
Total Bill (including HST)			1070		\$746.31		1070		\$759.12	\$		1.72%
8% Provincial Rebate			-8%		-\$ 52.84		-8%		-\$ 53.74	-\$	0.91	1.72%
	aial Dahata\		-0 /0		-		-0 /0		\$705.38	\$		1.72%
Total Bill (including 8% Provin	ciai Repate)				\$693.47				φ/UJ.38	1.9	11.97	1.12%
Total Bill on RPP (before Taxes	)				\$689.90				\$701.24	\$	11.34	1.64%
HST (Before Taxes	•		13%		\$ 89.69		13%		\$ 91.16	\$	1.47	1.64%
Total Bill (including HST)			.570		\$779.59		.570		\$792.40	\$		1.64%
8% Provincial Rebate			-8%		-\$ 55.19		-8%		-\$ 56.10	-\$		1.64%
Total Bill (including 8% Provin	cial Rehate\		-0 /6		\$724.39		570		\$736.30	\$		1.64%
Total bill (illoluding 6 /6 PTOVIII	oidi Nesale)	_			ψ1 <u>4.</u> 33				ψ130.30	13	11.71	1.04 /0

Loss Factor (%) 3.3500% 3.3500%

# Attachment 8-12(A) May 1 - OctoOr Movember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 10,000 kWh

			Current Bo	oard-Appr	ove	ed	l I		20	18 Propo	sec	1	1 Г	lm	pact 20	17 vs 2016
			Rate	Volume		Charge			Rate	Volume		Charge	1			
	Charge Unit		(\$)			(\$)			(\$)			(\$)	يا ا	\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	17.8900	1	\$	17.89		\$1	8.6000	1	\$	18.60		\$	0.71	3.97%
Smart Meter Rate Adder				1	\$	-				1	\$	-		\$	-	
				1	\$	-				1	\$	-		\$	-	
				1	\$	-				1	\$	-		\$	-	
				1	\$	-				1	\$	-		\$	-	
				1	\$	-		_		1	\$	-		\$	-	
Distribution Volumetric Rate	per kWh	\$	0.0227	10000	\$	227.00		\$	0.0238	10000	\$	238.00		\$	11.00	4.85%
Smart Meter Disposition Rider		_		10000	\$	-		_		10000	\$	-		\$		
LRAM & SSM Rate Rider	per kWh	\$	-	10000	\$	-		\$	-	10000	\$	-		\$ \$		
				10000 10000	\$	-				10000 10000	\$			\$		
				10000	\$	-				10000	\$	-		Ф \$		
				10000	\$					10000	\$			\$		
				10000	\$					10000	\$	-		\$		
				10000	\$					10000	\$			\$		
				10000	\$					10000	\$			\$		
Sub-Total A (excluding pass the	onup)			10000	\$	244.89				10000	\$	256.60		\$	11.71	4.78%
Deferral/Variance Account	per kWh	\$	-	40000	Ť			•	0.0004	40000	Ė		1 6	_		
Disposition Rate Rider Group 1				10000	\$	-		-\$	0.0004	10000	-\$	4.00	j	\$	4.00	
Deferral/Variance Account	per kWh	\$	-	10000	6	_		6		10000	•			ď		
Disposition Rate Rider Group 2				10000	Ф	-		\$	-	10000	ф	-	1 1	\$	-	
Deferral / Variance Accounts	per kWh	-\$	0.0023													
Balances (excluding Global				10000	-\$	23.00		-\$	8000.0	10000	-\$	8.00		\$	15.00	-65.22%
Adj.) - NON-WMP																
Rate Rider Calculation for	per kWh	\$	0.0003													
WMS - Sub-account CBR				10000	\$	2.70		\$	-	10000	\$	-	-	\$	2.70	-100.00%
Class B					_									_		
Low Voltage Service Charge	per kWh	\$	0.00007	10,335	\$	0.72			.00006	10,335	\$	0.62		\$	0.10	-14.29%
Line Losses on Cost of Power		\$	0.0822	335	\$	27.52			0.0822	335	\$	27.52		\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.7900	1	\$	0.79		\$	0.7900	1	\$	0.79	╁	\$		0.00%
Sub-Total B - Distribution (includes Sub-Total A)					\$	253.63					\$	273.53		\$	19.91	7.85%
RTSR - Network	per kWh	\$	0.0068	10335	\$	70.28		\$	0.0069	10335	\$	71.31	1 6	\$	1.03	1.47%
RTSR - Line and	•													•		
Transformation Connection	per kWh	\$	0.0045	10335	\$	46.51		\$	0.0046	10335	\$	47.54		\$	1.03	2.22%
Sub-Total C - Delivery					\$	370.41					4	392.39		¢	21.97	5.93%
(including Sub-Total B)					Þ	370.41					9	332.33	l L	φ	21.31	3.93 /0
Wholesale Market Service	per kWh	\$	0.0036	10335	\$	37.21		\$	0.0036	10335	\$	37.21		\$	-	0.00%
Charge (WMSC)				10000	Ψ	01.12.				10000	۳	01.21		Ψ		0.0070
Rural and Remote Rate	per kWh	\$	0.0003	10335	\$	3.10		\$	0.0003	10335	\$	3.10		\$	-	0.00%
Protection (RRRP)								_								
Standard Supply Service Charge		\$	0.2500	10225	\$	0.25			0.2500	10225	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESF	1)	\$	0.0000	10335	\$ \$	60.40		\$	- 0000	10335 10000	\$	60.40	1 1	\$		0.00%
Debt Retirement Charge (DRC)		\$	0.0069	10000 6500	\$	69.40 422.50			0.0069	6500	\$	69.40 422.50		\$		0.00%
TOU - Off Peak		\$	0.0650	1700	\$	422.50 161.50			0.0650	1700		422.50 161.50		\$	-	0.00%
TOU - Mid Peak TOU - On Peak		\$	0.0950 0.1320	1800	\$	237.60			0.0950 0.1320	1800	\$			\$	-	0.00%
Energy - RPP - Tier 1		\$	0.1320	750	\$	57.75			0.1320	750	\$	57.75		Ф \$	- 1	0.00%
Energy - RPP - Tier 1 Energy - RPP - Tier 2		\$	0.0770	9250	\$	832.50			0.0770	9250				Ф \$		0.00%
Energy - Ki i - Hei Z		Ψ	0.0900	3230	Ė			Ψ	0.0900	3230				Ė		
Total Bill on TOU (before Taxes	i)					1,301.97						1,323.94		\$	21.97	1.69%
HST			13%			169.26			13%			172.11		\$	2.86	1.69%
Total Bill (including HST)						1,471.23						1,496.06		\$	24.83	1.69%
8% Provincial Rebate	-i-l D-b-t-)		-8%			104.16			-8%			105.92		\$	1.76	1.69%
Total Bill (including 8% Provin	iciai Rebate)				\$	1,367.07	ш	_			٩	1,390.14	<u>ш</u>	\$	23.07	1.69%
Total Bill on RPP (before Taxes	)				\$	1,370.62					\$	1,392.59	П	\$	21.97	1.60%
HST			13%		\$	178.18			13%			181.04	1 ]	\$	2.86	1.60%
Total Bill (including HST)						1,548.80						1,573.63		\$	24.83	1.60%
8% Provincial Rebate			-8%			109.65			-8%			111.41		\$	1.76	1.60%
Total Bill (including 8% Provin	cial Rebate)				\$	1,439.15	Ш				\$	1,462.22	Ш	\$	23.07	1.60%

# Attachment 8-12(A) May 1 - OctoOr Myvember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 15,000 kWh

		Current Bo	ard-Annr	OVE	ed .	1 1	20	18 Propos	sec	4	1 Г	lm	nact 20	17 vs 2016
		Rate	Volume		Charge		Rate	Volume		Charge	l F			
Charge Unit		(\$)			(\$)		(\$)			(\$)	:	\$ C	hange	% Change
Monthly Service Charge Monthly	\$	17.8900	1	\$	17.89		\$18.6000	1	\$	18.60		\$	0.71	3.97%
Smart Meter Rate Adder	Ť		1	\$	-			1	\$	-		\$	-	
			1	\$	-			1	\$	-		\$	-	
			1	\$	-			1	\$	-		\$	-	
			1	\$	-			1	\$	-		\$	-	
			1	\$	-			1	\$	-		\$	-	
Distribution Volumetric Rate per kWh	\$	0.0227	15000	\$	340.50		\$ 0.0238	15000		357.00		\$	16.50	4.85%
Smart Meter Disposition Rider			15000	\$	-			15000	\$	-		\$	-	
LRAM & SSM Rate Rider per kWh	\$	-	15000	\$	-		\$ -	15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
			15000	\$	-			15000	\$	-		\$	-	
Sub-Total A (excluding pass through)				\$	358.39				\$	375.60		\$	17.21	4.80%
Deferral/Variance Account per kWh	\$	-	15000	\$			-\$ 0.0004	15000	-\$	6.00	ΙГ	·\$	6.00	
Disposition Rate Rider Group 1			15000	Ф	-		-φ U.UUU4	15000	-Ф	0.00		Ф	0.00	
Deferral/Variance Account per kWh	\$	-	15000	4	_		\$ -	15000	¢	_	1 1	\$	_	
Disposition Rate Rider Group 2			15000	φ	-		Ψ -	15000	φ	-	1 1	φ	-	
Deferral / Variance Accounts per kWh	-\$	0.0023												
Balances (excluding Global			15000	-\$	34.50		-\$ 0.0008	15000	-\$	12.00		\$	22.50	-65.22%
Adj.) - NON-WMP														
Rate Rider Calculation for per kWh	\$	0.0003												
WMS - Sub-account CBR			15000	\$	4.05		\$ -	15000	\$	-	-	\$	4.05	-100.00%
Class B														
Low Voltage Service Charge per kWh	\$	0.00007	15,503	\$	1.09		\$0.00006	15,503	\$	0.93	-	\$	0.16	-14.29%
Line Losses on Cost of Power	\$	0.0822	503	\$	41.29		\$ 0.0822	503	\$	41.29		\$	-	0.00%
Smart Meter Entity Charge Monthly	\$	0.7900	1	\$	0.79		\$ 0.7900	1	\$	0.79		\$	-	0.00%
Sub-Total B - Distribution				\$	371.10				\$	400.61		\$	29.50	7.95%
(includes Sub-Total A)											l	•		
RTSR - Network per kWh	\$	0.0068	15503	\$	105.42		\$ 0.0069	15503	\$	106.97		\$	1.55	1.47%
RTSR - Line and per kWh	\$	0.0045	15503	\$	69.76		\$ 0.0046	15503	\$	71.31		\$	1.55	2.22%
Transformation Connection				_					_		<b>.</b> .	_		
Sub-Total C - Delivery				\$	546.28				\$	578.88		\$	32.61	5.97%
(including Sub-Total B) Wholesale Market Service per kWh	\$	0.0036					\$ 0.0036				l			
Wholesale Market Service per kWh Charge (WMSC)	Ф	0.0036	15503	\$	55.81		\$ 0.0036	15503	\$	55.81		\$	-	0.00%
	•	0.0000					¢ 0.0000							
Rural and Remote Rate per kWh Protection (RRRP)	\$	0.0003	15503	\$	4.65		\$ 0.0003	15503	\$	4.65		\$	-	0.00%
	•	0.2500	1	\$	0.25		¢ 0.3500	1	\$	0.25		\$		0.00%
Standard Supply Service Charge Monthly Ontario Electricity Support (OESP)	\$	0.2500	15503	\$	0.25		\$ 0.2500 \$ -	15503		0.25	1 1	φ	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0069	15000	\$	104.10		\$ 0.0069	15000		104.10	H	\$		0.00%
TOU - Off Peak	\$	0.0069	9750	\$	633.75		\$ 0.0069	9750				Ф \$	-	0.00%
TOU - Off Peak TOU - Mid Peak	\$	0.0650	2550	\$	242.25		\$ 0.0650	2550				Ф \$	-	0.00%
TOU - Mid Peak TOU - On Peak	\$		2550	\$	356.40		\$ 0.0950	2550 2700				\$	-	0.00%
Energy - RPP - Tier 1	\$	0.1320 0.0770	750	\$	57.75		\$ 0.1320	750				Ф \$	-	0.00%
Energy - RPP - Tier 1 Energy - RPP - Tier 2	\$	0.0770	14250		1,282.50		\$ 0.0770	14250		1,282.50		Ф \$		0.00%
Lifetgy - NEF * Hel Z	φ	0.0900	14230	φ	1,202.00	_	ψ U.U3UU	14230	φ	1,202.00	_	φ		0.00%
Total Bill on TOU (before Taxes)				\$1	1,943.49				\$	1,976.09	П	\$	32.61	1.68%
HST		13%		\$	252.65		13%			256.89	H	\$	4.24	1.68%
Total Bill (including HST)	1			\$2	2,196.14				\$	2,232.99	1 1	\$	36.84	1.68%
8% Provincial Rebate		-8%			155.48		-8%			158.09	-	\$	2.61	1.68%
Total Bill (including 8% Provincial Rebate)				\$2	2,040.66	L			\$	2,074.90	L l	\$	34.24	1.68%
				•	0.054.04	Ξ			•	0.000.01	Ħ	_	20.04	4.500/
Total Bill on RPP (before Taxes)		1001			2,051.34		100			2,083.94	1 1	\$	32.61	1.59%
HST	1	13%			266.67		13%			270.91	1 1	\$	4.24	1.59%
Total Bill (including HST)		001			2,318.01		00/			2,354.86	H	\$	36.84	1.59%
8% Provincial Rebate	1	-8%			164.11		-8%			166.72	-	\$	2.61	1.59%
Total Bill (including 8% Provincial Rebate)	—			Þź	2,153.91	ш			Þ	2,188.14	$\vdash$	\$	34.24	1.59%

3.3500% Loss Factor (%) 3.3500%

# May 1 - Actachment 8-12(A) this radio button Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 51,100 kWh

			50	KW												
			Current E							8 Propos			iΕ	lm	pact 20	17 vs 2016
			Rate	Volume	-	Charge	1		Rate	Volume		Charge	i I			
	Charge Unit		(\$)			(\$)	]		(\$)			(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	200.0000	1	\$	200.00		\$2	200.0000	1	\$	200.00	i I	\$	-	0.00%
Smart Meter Rate Adder				1	\$	-				1	\$	-	i l	\$	-	
				1	\$	-				1	\$	-	il	\$	-	
				1	\$	-				1	\$	-	i l	\$	-	
				1	\$					1	\$	_	i l	\$	-	
				1	\$					1	\$		i l	\$		
Distribution Volumetric Rate	per kW	\$	4.3245	50	\$			\$	4.5851	50	\$	229.26	i l	\$	13.03	6.03%
Smart Meter Disposition Rider	per KVV	Ψ	4.5245	51100	\$			Ψ	4.0001	51100	\$	-	i l	\$	-	0.007
	1-14/	•		50	\$			\$		50	\$	-	i l	\$	-	
LRAM & SSM Rate Rider	per kW	\$	-	51100		-		Э	-			-	i l			
					\$					51100	\$	-	i l	\$	-	
				51100	\$					51100	\$	-	i l	\$	-	
				51100	\$					51100	\$	-	i l	\$	-	
				51100	\$					51100	\$	-	i l	\$	-	
				51100	\$	-				51100	\$	-	i l	\$	-	
				51100	\$	-				51100	\$	-	i l	\$	-	
				51100	\$	-				51100	\$	-	i l	\$	-	
Sub-Total A (excluding pass the	ough)				\$	416.23					\$	429.26	ı	\$	13.03	3.13%
Deferral/Variance Account	per kW	\$	0.01170				1	_			_		ı			
Disposition Rate Rider Class 1	r	Ψ.	3.00	50	\$	0.59		-\$	0.1665	50	-\$	8.33	1 1	-\$	8.91	-1523.08%
Deferral/Variance Account	per kW	\$	0.0129		١.								1			
Disposition Rate Rider Class 2	POLKVV	Ψ	0.0128	50	\$	0.65		\$	-	50	\$	-	l ŀ	-\$	0.65	-100.00%
Deferral/Variance Account	per kWh	-\$	0.0019										i l			
	per kwn	-2	0.0019	51100	¢.	97.09		\$	_	51100	\$		il	\$	97.09	-100.00%
Disposition Rate Rider - Global				51100	-ф	97.09		Ф	-	51100	Ф	-	i l	Ф	97.09	-100.00%
Adjustment													i l			
Deferral / Variance Accounts	per kW	-\$	0.9869		١.								i l			
Balances (excluding Global				50	-\$	49.35		-\$	0.3391	50	-\$	16.96	i l	\$	32.39	-65.64%
Adj.) - NON-WMP													i l			
Rate Rider Calculation for	per kWh	\$	0.0003										i l			
WMS - Sub-account CBR	•			51100	\$	13.80		\$		51100	\$	-	i l	-\$	13.80	-100.00%
Class B					_			_			*		i l	-		
Low Voltage Service Charge	per kW	\$	0.02632	50	\$	1.32		\$	0.02382	50	\$	1.19	i l	-\$	0.13	-9.50%
Line Losses on Cost of Power	per KVV	\$	0.0822	1,712	\$			\$	0.0822	1,712	\$	140.65	i l	\$	0.10	0.00%
	Monthly	\$	0.0622	1,7 12	\$	140.00		\$	0.0022	1,712	\$	140.00	i l	\$	-	0.007
Smart Meter Entity Charge Sub-Total B - Distribution	MOTITILY	Ф	-		9		1	Ф		-	9		1 -	_		
					\$	426.78					\$	545.81	i l	\$ 1	19.03	27.89%
(includes Sub-Total A) RTSR - Network	per kW	\$	2.8016	50	\$	140.08	1	\$	2.8473	50	\$	142.37	1 -	\$	2.29	1.63%
	per kw	Ф	2.0016	50	Ф	140.06		Ф	2.04/3	50	Ф	142.37	i l	Ф	2.29	1.03%
RTSR - Line and	per kW	\$	1.8174	50	\$	90.87		\$	1.8407	50	\$	92.04	i l	\$	1.17	1.28%
Transformation Connection	•	_			Ė			_					-	_		
Sub-Total C - Delivery					\$	657.73					\$	780.21	i l	\$ 1	122.48	18.62%
(including Sub-Total B)		_			Ė			Ļ					1 -	•		
Wholesale Market Service	per kWh	\$	0.0036	52812	\$	190.12		\$	0.0036	52812	\$	190.12	1	\$	-	0.00%
Charge (WMSC)				0_0	_					020.2	*		i l	-		
Rural and Remote Rate	per kWh	\$	0.0003	52812	\$	15.84		\$	0.0003	52812	\$	15.84	i l	\$		0.00%
Protection (RRRP)				02012						02012		10.04	i l			
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25	i l	\$	-	0.00%
Ontario Electricity Support (OESF		\$	-	52812	\$	-		\$	-	52812	\$	-	1			
Debt Retirement Charge (DRC)		\$	0.0069	51100	\$	354.63		\$	0.0069	51100	\$	354.63	1	\$	-	0.00%
TOU - Off Peak		\$	0.0650	33215	\$	2,158.98		\$	0.0650	33215		2,158.98	1	\$	-	0.00%
TOU - Mid Peak		\$	0.0950	8687		825.27		\$	0.0950	8687		825.27	1	\$	-	0.00%
TOU - On Peak		\$	0.1320	9198		1,214.14		\$	0.1320	9198		1,214.14	1	\$	-	0.00%
Energy - RPP - Tier 1		\$	0.1320	750	\$			\$	0.1320	750	\$		1	\$	_	0.00%
Energy - RPP - Tier 2		\$	0.0770	50350		4,531.50		\$	0.0770	50350		4,531.50	1	\$	-	0.00%
Lifelity * RFF * Hel Z		φ	0.0900	30330	÷	7,001.00	_	φ	0.0300	30330	ψ.	7,001.00		Ψ		0.00 /
Total Bill on TOU (before Taxes	)				\$:	5,416.95					\$	5,539.44		\$ 1	22.48	2.26%
HST		1	13%	l		704.20		l	13%			720.13	i 1	\$	15.92	2.26%
Total Bill (including HST)		1	70	l		6,121.16		l				6,259.56	i 1		38.41	2.26%
											İ					
Total Bill on RPP (before Taxes	)				\$	5,807.83					\$	5,930.31	. T	\$ 1	22.48	2.11%
HST		1	13%	l		755.02		l	13%			770.94	i 1	\$	15.92	2.11%
Total Bill (including HST)		L			\$	6,562.85	L	L			\$	6,701.25	<u>L</u> l	\$ 1	138.41	2.11%
														_		

### ● May 1 - **AtCachment 84年2(A)**:t this radio button **Bill Impacts**

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 127,750 kWh

			250	KW			_								
			Current	Board-Ap	opro	oved			20 <sup>-</sup>	18 Propo	sec	i	Ir	npact 20	17 vs 2016
			Rate	Volume		Charge			Rate	Volume		Charge			
	Charge Unit		(\$)			(\$)			(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	Monthly	\$	200.0000	1	\$	200.00		\$2	200.0000	1	\$	200.00	\$	-	0.00%
Smart Meter Rate Adder				1	\$	-				1	\$	-	\$	-	
				1	\$	-				1	\$	-	\$	-	
				1	\$	-				1	\$	-	\$	-	
				1	\$					1	\$	_	\$		
				1	\$	_				1	\$	_	\$	-	
Distribution Volumetric Rate	per kW	\$	4.3245	250	\$	1,081.13		\$	4.5851	250	\$	1,146.28	\$	65.15	6.03%
	per kw	Ф	4.3245		\$	1,001.13		Ф	4.5051		\$	1,140.20	\$	05.15	0.0376
Smart Meter Disposition Rider		_		127750		-				127750		-		-	
LRAM & SSM Rate Rider	per kW	\$	-	250	\$	-		\$	-	250	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
				127750	\$	-				127750	\$	-	\$	-	
Sub-Total A (excluding pass the	rough)				\$	1,281.13					\$	1,346.28	\$	65.15	5.09%
Deferral/Variance Account	per kW	\$	0.0117		Ė			-\$	0.1665						
Disposition Rate Rider Class 1	F - / 1.1.	Ψ.	0.0	250	\$	2.93		Ψ.	3000	250	-\$	41.63	-\$	44.55	-1523.08%
Deferral/Variance Account	per kW	\$	0.0129					\$							
Disposition Rate Rider Class 2	per Kvv	Ψ	0.0123	250	\$	3.23		Ψ		250	\$	-	-\$	3.23	-100.00%
Deferral/Variance Account	per kWh	-\$	0.0019					\$							
	perkwii	-Ф	0.0019	107750	-\$	242.73		Ф	•	127750	\$			242.73	-100.00%
Disposition Rate Rider - Global				127750	-Ф	242.73				12//50	Ф	-	Ф	242.73	-100.00%
Adjustment		_													
Deferral / Variance Accounts	per kW	-\$	0.9869		١.			-\$	0.3391		١.		l I.		
Balances (excluding Global				250	-\$	246.73				250	-\$	84.78	\$	161.95	-65.64%
Adj.) - NON-WMP															
Rate Rider Calculation for	per kWh	\$	0.0003					\$	-						
WMS - Sub-account CBR				127750	\$	34.49				127750	\$	-	-\$	34.49	-100.00%
Class B															
Low Voltage Service Charge	per kW	\$	0.02632	250	\$	6.58		\$	0.02382	250	\$	5.96	-\$	0.63	-9.50%
Line Losses on Cost of Power		\$	0.0822	4,280	\$	351.61		\$	0.0822	4,280	\$	351.61	\$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	-	1	\$			\$	-	1	\$		\$	-	
Sub-Total B - Distribution					•	4 400 54		Ė			•	4 533 44			00 500/
(includes Sub-Total A)					Þ	1,190.51					Þ	1,577.44	) >	386.93	32.50%
RTSR - Network	per kW	\$	2.8016	250	\$	700.40		\$	2.8473	250	\$	711.83	\$	11.43	1.63%
RTSR - Line and	•		4 0474			454.05				050		100.10		- 00	
Transformation Connection	per kW	\$	1.8174	250	\$	454.35		\$	1.8407	250	\$	460.18	\$	5.83	1.28%
Sub-Total C - Delivery											4				
(including Sub-Total B)					\$	2,345.26					\$	2,749.44	\$	404.18	17.23%
Wholesale Market Service	per kWh	\$	0.0036	400000	•	175.04		\$	0.0036	400000	•	475.04			0.000/
Charge (WMSC)	•	Ť		132030	\$	475.31				132030	\$	475.31	\$	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003		_			\$	0.0003						
Protection (RRRP)	F **	*		132030	\$	39.61		_		132030	\$	39.61	\$	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$	0.25		\$	0.2500	1	\$	0.25	\$	-	0.00%
Ontario Electricity Support (OESF		\$	0.2000	132030		-		\$	0.2000	132030		-	*		
Debt Retirement Charge (DRC)	,	\$	0.0069	127750	\$	886.59		\$	0.0069	127750	\$	886.59	\$	_	0.00%
TOU - Off Peak		\$	0.0650	83038		5,397.44		\$	0.0650	83038		5,397.44	\$		0.00%
						2,063.16						2,063.16	\$	-	0.00%
TOU - Mid Peak		\$	0.0950	21718				\$	0.0950	21718				-	
TOU - On Peak		\$	0.1320	22995		3,035.34		\$	0.1320	22995	\$	3,035.34	\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	750	\$	57.75		\$	0.0770	750	\$	57.75	\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	127000	\$1	11,430.00	Ш	\$	0.0900	127000	\$	11,430.00	\$		0.00%
Total Bill on TOU (before Taxes	()				\$1	14,242.95	П				\$	14,647.13	\$	404.18	2.84%
HST	''		13%			1,851.58			13%			1,904.13		52.54	2.84%
Total Bill (including HST)			1070			16,094.54			.070			16,551.26		456.73	2.84%
Total Bill on RPP (before Taxes	3)				\$1	15,234.76					\$	15,638.94	\$	404.18	2.65%
HST			13%			1,980.52			13%			2,033.06		52.54	2.65%
Total Bill (including HST)					\$1	17,215.28					\$	17,672.01	\$	456.73	2.65%

# Attachment 8-12(A) May 1: 0ctol or 30ovember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU:

TOU

255.500 kWh Consumption 2018 Proposed Impact 2017 vs 2016 **Current Board-Approved** Charge Charge Rate Charge Unit Monthly Service Charge \$ 200,0000 200.00 \$200,0000 200.00 Monthly 0.00% Smart Meter Rate Adder per kW 500 255500 Distribution Volumetric Rate 4.3245 \$ 2,162.25 \$ 4.5851 500 \$ 2,292.55 130.30 6.03% 255500 Smart Meter Disposition Rider 500 500 LRAM & SSM Rate Rider per kW \$ 255500 255500 255500 255500 255500 255500 255500 255500 255500 255500 255500 255500 Sub-Total A (excluding pass through) 130.30 5.52% 0.0117 Deferral/Variance Account per kW -\$ 0.1665 500 \$ 5.85 500 83.25 89.10 -1523.08% Disposition Rate Rider Deferral/Variance Account per kWh 0.0129 Disposition Rate Rider - Global 500 \$ 500 -100.00% Adjustment Deferral/Variance Account per kWh 0.0019 Disposition Rate Rider - Global 255500 -\$ 485.45 255500 \$ 485.45 -100.00% Adjustment Deferral / Variance Accounts per kW 0.9869 0.3391 Balances (excluding Global Adj.) - NON-WMP 500 -\$ 493.45 500 -\$ 169.55 \$ 323.90 -65.64% per kWh Rate Rider Calculation for \$ 0.0003 WMS - Sub-account CBR 255500 \$ 68.99 255500 68.99 -100.00% Low Voltage Service Charge per kW \$ 0.02632 500 13.16 \$ 0.02382 500 11.91 1.25 -9.50% Line Losses on Cost of Power 8,559 703.23 0.0822 8,559 703.23 0.0822 Smart Meter Entity Charge Sub-Total B - Distribution Monthly \$ 2.181.02 \$ 2.954.89 \$ 773.87 35.48% (includes Sub-Total A) RTSR - Network per kW 2.8016 \$ 1,400.80 2.8473 \$ 1,423.65 500 22.85 1.639 RTSR - Line and per kW 1.8174 500 908.70 \$ 1.8407 500 920.35 11.65 1.28% Transformation Connection
Sub-Total C - Delivery \$ 4,490.52 \$ 5,298.89 808.37 18.00% (including Sub-Total B)
Wholesale Market Service per kWh 0.0036 0.0036 264059 \$ 950.61 264059 \$ 950.61 0.00% Charge (WMSC) Rural and Remote Rate per kWh \$ \$ 0.0003 0.0003 264059 \$ 79 22 264059 79 22 0.00% Protection (RRRP) Standard Supply Service Charge Monthly 0.25 \$ 0.25 \$ 0.00% 0.2500 0.2500 264059 264059 Ontario Electricity Support (OESP) Debt Retirement Charge (DRC) TOU - Off Peak 0.0069 255500 \$ 1,773,17 0.0069 255500 \$ 1 773 17 0.00% \$10,794.88 166075 \$10,794.88 166075 0.0650 0.0650 0.00% TOU - Mid Peak 0.0950 43435 \$ 4,126,33 0.0950 43435 \$ 4.126.33 0.00% TOU - On Peak \$ 6,070.68 \$ 57.75 \$ 6,070.68 \$ 57.75 0.1320 45990 0.1320 45990 0.00% Energy - RPP - Tier 1 0.0770 750 0.0770 750 0.00% Energy - RPP - Tier 2 0.0900 254750 \$22,927,50 0.0900 254750 \$22,927.50 0.00% 2.86% Total Bill on TOU (before Taxes) \$28,285.65 13% 13% \$ 3,677.14 \$ 3.782.22 105.09 2.86% \$31,962.79 Total Bill (including HST) \$32,876.24 913.45 2.86% \$30,279,02 \$31.087.39 Total Bill on RPP (before Taxes) 808.36 2.67% 13% 13% \$35,128.75 Total Bill (including HST) \$34.215.30 913.45 2.67%

# May 1 - **Alcachment & 中2(A)**:t this radio button **Bill Impacts**

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh

	••••••••••••••••••••••••••••••••••••••		1,000	KW								
			Current	Board-A	proved		20	18 Propo	sed		mpact 20	17 vs 2016
			Rate	Volume	Charge		Rate	Volume	Charge			
	Charge Unit		(\$)		(\$)	L	(\$)		(\$)		Change	% Change
Monthly Service Charge	Monthly	\$ :	200.0000	1	\$ 200.00		\$200.0000	1	\$ 200.00	\$		0.00%
Smart Meter Rate Adder				1	\$ -			1	\$ -	\$		
				1	\$ -			1	\$ -	\$		
				1	\$ -			1	\$ -	\$		
				1	\$ -			1	\$ -	\$		
				1	\$ -			1	\$ -	\$		0.000/
Distribution Volumetric Rate	per kW	\$	4.3245	1,000	\$ 4,324.50		\$ 4.5851	1,000	\$ 4,585.10	\$		6.03%
Smart Meter Disposition Rider	1347	_		255500	\$ -		•	255500	\$ -	\$		
LRAM & SSM Rate Rider	per kW	\$	-	1,000	\$ -		\$ -	1,000	\$ - \$ -	\$		
				255500 255500	\$ - \$ -			255500 255500	\$ - \$ -	\$		
				255500	\$ -			255500	\$ -	\$		
				255500	\$ -			255500	\$ -	\$		
				255500	\$ -			255500	\$ -	\$		
				255500	\$ -			255500	\$ -	\$		
				255500	\$ -			255500	\$ -	\$		
Sub-Total A (excluding pass thr	onap)				\$ 4,524.50				\$ 4,785.10	\$		5.76%
Deferral/Variance Account	per kW	\$	0.0117	4.005			\$ 0.1665	405-				
Disposition Rate Rider		,		1,000	\$ 11.70			1000	-\$ 166.50	-\$	178.20	-1523.08%
Deferral/Variance Account	per kWh	\$	0.0129				\$ -					
Disposition Rate Rider - Global	•			1,000	\$ 12.90			1000	\$ -	-\$	12.90	-100.00%
Adjustment												
Deferral/Variance Account	per kWh	-\$	0.0019				\$ -					
Disposition Rate Rider - Global				255500	-\$ 485.45			255500	\$ -	\$	485.45	-100.00%
Adjustment												
Deferral / Variance Accounts	per kW	-\$	0.9869			-	\$ 0.3391					
Balances (excluding Global				1,000	-\$ 986.90			1000	-\$ 339.10	\$	647.80	-65.64%
Adj.) - NON-WMP												
Rate Rider Calculation for	per kWh	\$	0.0003				\$ -		_			
WMS - Sub-account CBR				255500	\$ 68.99			255500	\$ -	-\$	68.99	-100.00%
Class B												
Low Voltage Service Charge	per kW	\$	0.02632	1,000	\$ 26.32		\$ 0.02382	1,000	\$ 23.82	-\$		-9.50%
Line Losses on Cost of Power		\$	0.0822	8,559	\$ 703.23 \$ -		\$ 0.0822	8,559	\$ 703.23 \$ -	\$		0.00%
Smart Meter Entity Charge	Monthly	\$	-	1	\$ -		\$ -	1	\$ -	\$	-	
Sub-Total B - Distribution					\$ 3,875.28				\$ 5,006.55	\$	1,131.27	29.19%
(includes Sub-Total A) RTSR - Network	per kW	\$	2.8016	1000	\$ 2,801.60	-	\$ 2.8473	1000	\$ 2,847.30	\$	45.70	1.63%
RTSR - Line and	•						•			- 1		
Transformation Connection	per kW	\$	1.8174	1000	\$ 1,817.40		\$ 1.8407	1000	\$ 1,840.70	\$	23.30	1.28%
Sub-Total C - Delivery						_ F						
(including Sub-Total B)					\$ 8,494.28				\$ 9,694.55	\$	1,200.27	14.13%
Wholesale Market Service	per kWh	\$	0.0036	00.4050			\$ 0.0036	004050				0.000/
Charge (WMSC)	•			264059	\$ 950.61			264059	\$ 950.61	\$	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003	264059	\$ 79.22		\$ 0.0003	264059	\$ 79.22	\$	_	0.00%
Protection (RRRP)	•			264059	\$ 79.22			264059	\$ 79.22	2	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$ 0.25	\$	-	0.00%
Ontario Electricity Support (OESF	P)	\$	-	264059	\$ -		\$ -	264059	\$ -			
Debt Retirement Charge (DRC)		\$	0.0069	255500	\$ 1,773.17		\$ 0.0069	255500	\$ 1,773.17	\$		0.00%
TOU - Off Peak		\$	0.0650	166075	\$10,794.88		\$ 0.0650	166075	\$10,794.88	\$		0.00%
TOU - Mid Peak		\$	0.0950	43435	\$ 4,126.33		\$ 0.0950	43435	\$ 4,126.33	\$		0.00%
TOU - On Peak		\$	0.1320	45990	\$ 6,070.68		\$ 0.1320	45990	\$ 6,070.68	\$		0.00%
Energy - RPP - Tier 1		\$	0.0770	750	\$ 57.75		\$ 0.0770	750	\$ 57.75	\$		0.00%
Energy - RPP - Tier 2		\$	0.0900	254750	\$22,927.50		\$ 0.0900	254750	\$22,927.50	\$		0.00%
Total Bill on TOU (before Taxes	)				\$32,289.41	T			\$33,489.68	s	1,200.27	3.72%
HST	,		13%		\$ 4,197.62		13%		\$ 4,353.66		156.03	3.72%
Total Bill (including HST)			.070		\$36,487.04		. 370		\$37,843.34		1,356.30	3.72%
						_					· ·	
Total Bill on RPP (before Taxes	)				\$34,282.78				\$35,483.05		1,200.26	3.50%
HST			13%		\$ 4,456.76		13%	1	\$ 4,612.80		156.03	3.50%
Total Bill (including HST)					\$38,739.55				\$40,095.85	- \$	1,356.30	3.50%

# May 1 - Attachment 18412(A)-lect this radio button Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU: TOU

Consumption 1,277,500 kWh

	Consumption		2,500												
				Board-Ap	nroved	ıf		2	018 Propo	150	М	ır	Imi	nact 201	17 vs 2016
			Rate	Volume	Charge			Rate	Volume	,,,,	Charge	1 F		puot Eu	17 13 2010
	Charge Unit		(\$)		(\$)			(\$)	· c.ao		(\$)		\$ C	hange	% Change
Monthly Service Charge	Monthly	\$	4,193.93	1	\$ 4,193.93		4.	193.93	1	\$	4,193.93		\$	-	0.00%
Smart Meter Rate Adder	,	*	.,	1	\$ -				1	\$	-		\$	-	
				1	\$ -				1	\$	-		\$	-	
				1	\$ -				1	\$	-		\$	-	
				1	\$ -				1	\$	-		\$	-	
				1	\$ -				1	\$	-		\$	-	
Distribution Volumetric Rate	per kW	\$	3.9181	2,500	\$ 9,795.25		\$	4.1834	2,500	\$	10,458.50		\$ (	663.25	6.77%
Smart Meter Disposition Rider				1277500	\$ -				1277500	\$	-		\$	-	
LRAM & SSM Rate Rider	per kW	\$	-	2,500	\$ -		\$	-	2,500	\$	-		\$	-	
				1277500	\$ -				1277500	\$	-		\$	-	
				1277500	\$ -				1277500	\$	-		\$	-	
				1277500	\$ -				1277500	\$	-		\$	-	
				1277500	\$ -				1277500		-		\$	-	
				1277500	\$ -				1277500	\$	-		\$	-	
				1277500	\$ -				1277500	\$	-		\$	-	
				1277500	\$ -				1277500	\$	-		\$	-	
Sub-Total A (excluding pass thr					\$ 13,989.18					\$	14,652.43	1 L	\$ (	663.25	4.74%
Deferral/Variance Account	per kW	\$	0.0130	2,500	\$ 32.50		-\$	0.1847	2,500	-\$	461.75	<sub> -</sub>	\$ 4	494.25	-1520.77%
Disposition Rate Rider Class 1	1344	_	0.0475	,					,	•		1		-	
Deferral/Variance Account	per kW	\$	0.0143	2,500	\$ 35.75		\$	-	2,500	\$	-	l I-	\$	35.75	-100.00%
Disposition Rate Rider Class 2	1340	_	0.0040												
Deferral/Variance Account	per kWh	-\$	0.0019	1277500	-\$ 2,427.25		\$		1277500	•			<b>.</b>	407.05	-100.00%
Disposition Rate Rider - Global				12//500	-\$ 2,427.25		Ф	-	12//500	Ф	-		\$2,	427.25	-100.00%
Adjustment	134/	_	4 0070												
Deferral / Variance Accounts	per kW	-\$	1.0876	2,500	-\$ 2,719.00		¢.	0.3735	2,500	-\$	933.75		٥.	785.25	-65.66%
Balances (excluding Global				2,500	-\$ 2,719.00		-ф	0.3735	2,500	-Ф	933.75		φι,	700.20	-03.00%
Adj.) - NON-WMP Rate Rider Calculation for	per kWh	\$	0.0003												
WMS - Sub-account CBR	per kwn	Ф	0.0003	1277500	\$ 344.93		\$	_	1277500	Φ	_		\$ :	344.93	-100.00%
Class B				1277300	φ 344.93		φ	-	12//300	φ	-	1 I	φ,	344.93	-100.00%
Low Voltage Service Charge	per kW	\$	0.02813	2,500	\$ 70.33		\$0	.02546	2,500	\$	63.65	1 I.	\$	6.68	-9.49%
Line Losses on Cost of Power	pei kw	\$	0.02813	42,796	\$ 3,516.14			0.0822	42,796	\$	3,516.14		\$	0.00	0.00%
Smart Meter Entity Charge	Monthly	\$	0.0022	1	\$ 3,510.14		\$	0.0022	1	\$	3,310.14		\$	-	0.0078
Sub-Total B - Distribution	WOTHIN	Ψ					Ψ					1	•		
(includes Sub-Total A)					\$ 12,842.57					\$	16,836.72		\$3,	994.15	31.10%
RTSR - Network	per kW	\$	2.9089	2500	\$ 7,272.25		\$	2.9563	2500	\$	7,390.75	1 1	\$	118.50	1.63%
RTSR - Line and	•														
Transformation Connection	per kW	\$	1.9423	2500	\$ 4,855.75		\$	1.9672	2500	\$	4,918.00		\$	62.25	1.28%
Sub-Total C - Delivery					A 04 070 F7					•	00 445 47			47400	40.700/
(including Sub-Total B)					\$ 24,970.57					\$	29,145.47		\$4,	174.90	16.72%
Wholesale Market Service	per kWh	\$	0.0036	1220206	\$ 4,753.07		\$	0.0036	1320296	\$	4 752 07		\$	_	0.00%
Charge (WMSC)	•			1320296	\$ 4,753.07				1320296	Ф	4,753.07		Ф	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003	1320296	\$ 396.09		\$	0.0003	1320296	\$	396.09		\$	_	0.00%
Protection (RRRP)				1320296	\$ 396.09				1320296	Ф	396.09		Ф	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$ 0.25		\$	0.2500	1	\$	0.25		\$	-	0.00%
Ontario Electricity Support (OESF	?)	\$	-	1320296	\$ -		\$	-	1320296		-				
Debt Retirement Charge (DRC)		\$	0.0069	1277500	\$ 8,865.85		\$	0.0069	1277500	\$	8,865.85		\$	-	0.00%
TOU - Off Peak		\$	0.0650	830375	\$ 53,974.38		\$	0.0650	830375		53,974.38		\$	-	0.00%
TOU - Mid Peak		\$	0.0950	217175	\$ 20,631.63			0.0950	217175		20,631.63		\$	-	0.00%
TOU - On Peak		\$	0.1320	229950	\$ 30,353.40			0.1320	229950		30,353.40		\$	-	0.00%
Energy - RPP - Tier 1		\$	0.0770	750	\$ 57.75			0.0770	750	\$	57.75		\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	1276750	\$114,907.50	Ц	\$	0.0900	1276750	\$1	114,907.50	щ	\$	-	0.00%
Total Bill on TOU (before Taxes	1				\$143,945.23					\$1	148,120.13	一	\$4	174.90	2.90%
HST	<i>'</i>		13%		\$ 18,712.88			13%			19,255.62			542.74	2.90%
Total Bill (including HST)			1370		\$162,658.10			. 5 70			167,375.74			717.64	2.90%
Total Bill on RPP (before Taxes	)				\$153,951.08	ΙĪ					158,125.98			174.90	2.71%
HST			13%		\$ 20,013.64			13%			20,556.38			542.74	2.71%
Total Bill (including HST)		_			\$173,964.72	Ц	_			\$1	78,682.35	щ	\$4,	717.64	2.71%

Loss Factor (%) 3.3500%

## • May 1 Attachment:8-12(A) Select this radio button Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU:

TOU

1,277,500 kWh Consumption **4,000** KW 2018 Proposed Impact 2017 vs 2016 Board-Approved Charge Rate Rate Charge Volume Volume Charge Unit 4.193.93 4.193.93 Monthly Service Charge \$4.193.93 Monthly 4,193.93 0.00% Smart Meter Rate Adder \$ \$ \$ Distribution Volumetric Rate per kW 3.9181 4,000 15,672.40 \$ 4.1834 4,000 16,733.60 1,061.20 6.77% 1277500 1277500 Smart Meter Disposition Rider 4,000 4,000 LRAM & SSM Rate Rider per kW \$ \$ \$ 1277500 1277500 1277500 1277500 1277500 1277500 1277500 1277500 \$ \$ \$ 1277500 1277500 1277500 1277500 127750 127750 Sub-Total A (excluding pass through) 19.866.33 0.927.53 \$ ,061.20 5.34% per kW 0.0130 Deferral/Variance Account -\$ 0.1847 4,000 52.00 4,000 738.80 -\$ 790.80 -1520.779 Disposition Rate Rider Class 1 Deferral/Variance Account per kW \$ 0.0143 \$ 4,000 57.20 4,000 -\$ 57.20 -100.00% Disposition Rate Rider Class 2 per kWh Deferral/Variance Account 0.0019 Disposition Rate Rider - Global 1277500 2,427.25 1277500 \$ 2,427.25 -100.00% Adjustment Deferral / Variance Accounts per kW 1.0876 -65.66% Balances (excluding Global 4,000 4,350.40 -\$ 0.3735 4,000 1,494.00 \$ 2,856.40 Adj.) - NON-WMP Rate Rider Calculation for 0.0003 per kWh WMS - Sub-account CBR 1277500 \$ 344.93 1277500 -\$ 344.93 -100.00% Class B Low Voltage Service Charge per kW 0.02813 4,000 112.52 \$ 0.02546 4,000 101.84 -\$ 10.68 -9.499 Line Losses on Cost of Power 0.0822 42,796 3,516.14 \$ 0.0822 42,796 3,516.14 0.00% Smart Meter Entity Charge Monthly Sub-Total B - Distribution \$ 17,171.46 \$ 22,312.71 \$ 5,141.25 29.94% (includes Sub-Total A) RTSR - Network per kW 2 9089 400 11.635.60 \$ 2.9563 4000 11.825.20 189 60 1.639 RTSR - Line and 1.28% per kW \$ 4000 \$ 7.769.20 \$ 1.9672 4000 7.868.80 \$ 99.60 1.9423 \$ Transformation Connection Sub-Total C - Delivery \$ 36,576.26 42,006.71 \$ 5,430.45 14.85% (including Sub-Total B)
Wholesale Market Service per kWh \$ 0.0036 \$ 0.0036 1320296 \$ 4,753.07 1320296 4,753.07 \$ 0.00% Charge (WMSC) Rural and Remote Rate per kWh \$ 0.0003 \$ 0.0003 1320296 396.09 1320296 396.09 \$ 0.00% Protection (RRRP) Standard Supply Service Charge Monthly 0.25 0.2500 0.25 \$ 0.00% 0.2500 1320296 1320296 Ontario Electricity Support (OESP) 8,865.85 8,865.85 Debt Retirement Charge (DRC) 0.0069 1277500 0.0069 1277500 \$ \$ \$ 0.00% TOU - Off Peak 0.0650 830375 53.974.38 0.0650 830375 53.974.38 0.00% 20,631.63 TOU - Mid Peak 217175 20,631.63 0.00% 217175 0.0950 0.0950 TOU - On Peak 0.1320 229950 30,353.40 0.1320 229950 30,353.40 0.00% Energy - RPP - Tier 1 Energy - RPP - Tier 2 0.0770 750 57.75 0.0770 750 57.75 \$ 0.00% 0.0900 1276750 114,907.50 0.0900 1276750 Total Bill on TOU (before Taxes) 155,550.92 160,981.37 \$ 5,430.44 3.49% 13% 20,221.62 13% 20,927.58 705.96 3.49% Total Bill (including HST) 175.772.54 181.908.94 6.136.40 3.49% 5,430.45 Total Bill on RPP (before Taxes) 165.556.77 170.987.22 3.28% 21.522.38 13% 13% 22,228,34 705.96 3.289 187,079.15 193,215.55 Total Bill (including HST)

# • May 1AttaChment 8-42(A) elect this radio button Bill Impacts

Customer Class: Large User
TOU / non-TOU: TOU

Consumption 4,000,000 kWh

	Consumption		7,500											
				Board-App	ro	ved		21	018 Propo	150	d		Impact 201	7 vs 2016
			Rate	Volume	,,,,,,	Charge		Rate	Volume	/3C	Charge	<b> </b> -	iiipact 201	7 13 2010
	Charge Unit		(\$)	Volunic		(\$)		(\$)	Volume		(\$)		\$ Change	% Change
Monthly Service Charge	Monthly	\$	15,231.32	1	\$	15,231.32	15	5,231.32	1	\$	15,231.32	\$	- Change	0.00%
Smart Meter Rate Adder	Wichiniy	Φ	10,231.32	1	\$	10,201.02	10	1,201.02	1	\$	10,201.02	\$	_	0.0076
Smart Weter Nate Adder				1	\$	_			1	\$	_	\$		
				1	\$				1	\$		\$		
				' 1	\$	_			1	\$	_	\$	_	
				1	\$				1	\$		\$		
Distribution Volumetric Rate	per kW	\$	3.7199	7,500		27,899.25	¢	3.9710	7,500	\$	29,782.50	\$	1,883.25	6.75%
Smart Meter Disposition Rider	pei kw	Φ	3.7199	4000000	\$	21,000.20	Ψ	3.37 10	4000000	\$	23,702.50	\$	1,005.25	0.7376
LRAM & SSM Rate Rider	per kW	\$		7,500	\$	_		_	7,500	\$	_	\$	_	
LIVAINI & SSINI Kate Kidel	pei kw	Φ	-	4000000				-	4000000			\$	_	
				4000000	\$				4000000	\$		\$	_	
				4000000					4000000			\$	_	
				4000000					4000000			\$		
				4000000	\$				4000000	\$		\$	_	
				4000000					4000000	\$		\$		
				4000000	\$				4000000	\$		\$	_	
Sub-Total A (excluding pass thr	augh\			4000000		43,130.57			4000000		45,013.82	\$	1,883.25	4.37%
Deferral/Variance Account	per kW	\$	0.0154			43,130.37								4.37 /0
Disposition Rate Rider Class 1	pei kw	Φ	0.0154	7,500	\$	115.50	-\$	0.2185	7,500	-\$	1,638.75	-\$	1,754.25	-1518.83%
Deferral/Variance Account	per kW	\$	0.0170											
Disposition Rate Rider Class 2	pei kw	Φ	0.0170	7,500	\$	127.50	\$	-	7,500	\$	-	-\$	127.50	-100.00%
Deferral/Variance Account	per kWh	-\$	0.0019											
Disposition Rate Rider - Global	per kwiii	-ψ	0.0013	4000000	.¢.	7,600.00	\$		4000000	\$		\$	7,600.00	-100.00%
Adjustment				4000000	Ψ	7,000.00	Ψ		4000000	Ψ		Ψ	7,000.00	100.0070
Deferral / Variance Accounts	per kW	-\$	1.2969											
Balances (excluding Global	per Kvv	-ψ	1.2303	7,500	-\$	9,726.75	-\$	0.4451	7,500	-\$	3,338.25	\$	6,388.50	-65.68%
Adj.) - NON-WMP				,,000	Ψ	0,720.70	Ψ	0.1.0.	.,000	Ψ	0,000.20	"	0,000.00	00.0070
Rate Rider Calculation for	per kWh	\$	0.0003											
WMS - Sub-account CBR	poi kirii	Ψ	0.0000	4000000	\$	1,080.00	\$	_	4000000	\$	_	-\$	1,080.00	-100.00%
Class B					*	.,	*			*		1	.,	
Low Voltage Service Charge	per kW	\$	0.03168	7,500	\$	237.60	\$ (	0.02867	7,500	\$	215.03	-\$	22.58	-9.50%
Line Losses on Cost of Power		\$	0.0822	24,800	\$	2,037.57		0.0822	24,800	\$	2,037.57	\$		0.00%
Smart Meter Entity Charge	Monthly	\$	-	1	\$	-	\$	-	1	\$	-,	\$		
Sub-Total B - Distribution					•	00 101 00	Ť			•	10 000 11			40.000/
(includes Sub-Total A)					\$	29,401.99				*	42,289.41	\$	12,887.43	43.83%
RTSR - Network	per kW	\$	3.2246	7500	\$	24,184.50	\$	3.2772	7500	\$	24,579.00	\$	394.50	1.63%
RTSR - Line and	per kW	\$	2.1873	7500	6	16,404.75	\$	2.2153	7500	6	16,614.75	\$	210.00	1.28%
Transformation Connection	per kw	Ф	2.10/3	7500	Ф	16,404.75	Ф	2.2153	7500	Ф	10,614.75	Ф	210.00	1.20%
Sub-Total C - Delivery					•	69,991.24				•	83,483.16	\$	13,491.93	19.28%
(including Sub-Total B)					4	69,991.24				A	83,483.16	Þ	13,491.93	19.28%
Wholesale Market Service	per kWh	\$	0.0036	4024800	6	14,489.28	\$	0.0036	4024800	6	14,489.28	\$		0.00%
Charge (WMSC)				4024600	Ф	14,409.20			4024600	Ф	14,469.26	à	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003	4024800	\$	1,207.44	\$	0.0003	4024800	\$	1,207.44	\$		0.00%
Protection (RRRP)				4024600	φ	1,207.44			4024600		1,207.44	Ψ	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1	\$	0.25	\$	0.2500	1	\$	0.25	\$	-	0.00%
Ontario Electricity Support (OESF	P)	\$	-	4024800	\$	-	\$	-	4024800	\$	-			
Debt Retirement Charge (DRC)		\$	0.0069	4000000	\$	27,760.00	\$	0.0069	4000000	\$	27,760.00	\$	-	0.00%
TOU - Off Peak		\$	0.0650	2600000	\$1	169,000.00	\$	0.0650	2600000		169,000.00	\$		0.00%
TOU - Mid Peak		\$	0.0950	680000	\$	64,600.00	\$	0.0950	680000	\$	64,600.00	\$		0.00%
TOU - On Peak		\$	0.1320	720000	\$	95,040.00	\$	0.1320	720000	\$	95,040.00	\$		0.00%
Energy - RPP - Tier 1		\$	0.0770	750	\$	57.75	\$	0.0770	750	\$	57.75	\$	-	0.00%
Energy - RPP - Tier 2		\$	0.0900	3999250	\$3	359,932.50	\$	0.0900	3999250	\$3	359,932.50	\$		0.00%
Total Bill on TOU (before Taxes	\				ė,	142,088.21				ė	155,580.13	\$	13,491.93	3.05%
HST	,		13%			57.471.47		13%			59,225.42	) \$   \$	1,753.95	3.05%
		1	13%			199,559.68		13%			59,225.42 5 <b>14,805.55</b>	\$		3.05% 3.05%
Total Bill (including HST)					Ψ	+55,009.08				٠ •	14,000.00	3	13,243.88	3.05%
Total Bill on RPP (before Taxes	)				\$4	173,438.46				\$4	186,930.38	\$	13,491.92	2.85%
HST		1	13%		\$	61,547.00		13%			63,300.95	\$	1,753.95	2.85%
Total Bill (including HST)		<u></u>			\$5	534,985.46	L			\$!	550,231.33	\$	15,245.88	2.85%

Loss Factor (%) 0.6200%

# May 1 - O November 1 - April 30 (Select this radio Attachment 8-12(A) Bill Impacts

Customer Class: Large User
TOU / non-TOU: TOU

Consumption 4,000,000 kWh

	Consumption	4,000,000								
		10,000			-		140 D		I	47 2046
		Rate	Board-App Volume	Charge	-	Rate	18 Propo	Charge	Impact 20	17 vs 2016
	Charge Unit		volume				volume		¢ Change	% Change
Manathir Coming Observe	Charge Unit	(\$) \$ 15.231.32	1	(\$) \$ 15,231.32	•	(\$)	1	(\$) \$ 15,231.32	\$ Change \$ -	0.00%
Monthly Service Charge	Monthly	\$ 15,231.32	1	\$ 15,231.32	Э	15,231.32	1		\$ -	0.00%
Smart Meter Rate Adder			1	\$ -			1		\$ -	
			1	\$ -				\$ -	\$ -	
			1	\$ -			1	\$ -	\$ -	
			1	\$ -	_		1 40 000	\$ -	\$ - \$ 2.511.00	0.750/
Distribution Volumetric Rate	per kW	\$ 3.7199	10,000 4000000	\$ 37,199.00 \$ -	\$	3.9710	10,000 4000000	\$ 39,710.00 \$ -		6.75%
Smart Meter Disposition Rider					_				\$ -	
LRAM & SSM Rate Rider	per kW	\$ -	10,000	\$ -	\$	-	10,000	\$ -	\$ -	
			4000000	\$ -			4000000		\$ -	
			4000000	\$ -			4000000		\$ - \$ -	
			4000000				4000000			
			4000000				4000000		\$ -	
			4000000	\$ -			4000000		\$ -	
			4000000				4000000		\$ -	
0.1.7.1.4.			4000000		-		4000000		\$ -	4.700
Sub-Total A (excluding pass the		0.5:-:		\$ 52,430.32	_	0.046=		\$ 54,941.32	\$ 2,511.00	4.79%
Deferral/Variance Account	per kW	\$ 0.0154	10,000	\$ 154.00	-\$	0.2185	10,000	-\$ 2,185.00	-\$ 2,339.00	-1518.83%
Disposition Rate Rider Class 1		¢ 0.0470	1							
Deferral/Variance Account	per kW	\$ 0.0170	10,000	\$ 170.00	\$		10,000	\$ -	-\$ 170.00	-100.00%
Disposition Rate Rider Class 2		¢ 0.0040	1							
Deferral/Variance Account	per kW	-\$ 0.0019	4000000	. 7.000.00	\$	-	4000000			400.000/
Disposition Rate Rider - Global			4000000	-\$ 7,600.00			4000000	\$ -	\$ 7,600.00	-100.00%
Adjustment										
Deferral / Variance Accounts	per kW	-\$ 1.2969	40.000			0.4454	40.000		0 0 540 00	05.000/
Balances (excluding Global			10,000	-\$ 12,969.00	-\$	0.4451	10,000	-\$ 4,451.00	\$ 8,518.00	-65.68%
Adj.) - NON-WMP										
Rate Rider Calculation for	per kWh	\$ 0.0003			_					
WMS - Sub-account CBR			4000000	\$ 1,080.00	\$	-	4000000	\$ -	-\$ 1,080.00	-100.00%
Class B					_					
Low Voltage Service Charge	per kW	\$ 0.03168	10,000	\$ 316.80	\$		10,000	\$ 286.70	-\$ 30.10	-9.50%
Line Losses on Cost of Power		\$ 0.0822	24,800	\$ 2,037.57	\$	0.0822	24,800	\$ 2,037.57	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ -	1	\$ -	\$		1	\$ -	\$ -	
Sub-Total B - Distribution				\$ 35,619.69				\$ 50,629.59	\$15,009.90	42.14%
(includes Sub-Total A)	111/	0.0040	40000			0.0770	40000			
RTSR - Network	per kW	\$ 3.2246	10000	\$ 32,246.00	\$	3.2772	10000	\$ 32,772.00	\$ 526.00	1.63%
RTSR - Line and	per kW	\$ 2.1873	10000	\$ 21,873.00	\$	2.2153	10000	\$ 22,153.00	\$ 280.00	1.28%
Transformation Connection	•	1							-	
Sub-Total C - Delivery				\$ 89,738.69				\$105,554.59	\$15,815.90	17.62%
(including Sub-Total B)					_			. ,		-
Wholesale Market Service	per kWh	\$ 0.0036	4024800	\$ 14,489.28	\$	0.0036	4024800	\$ 14,489.28	\$ -	0.00%
Charge (WMSC)	I-VA/I-	¢ 0.0000				0.0000				
Rural and Remote Rate	per kWh	\$ 0.0003	4024800	\$ 1,207.44	\$	0.0003	4024800	\$ 1,207.44	\$ -	0.00%
Protection (RRRP)	Manadala	¢ 0.0500		6 0.05		0.0500		\$ 0.25	\$ -	0.000/
Standard Supply Service Charge		\$ 0.2500	4024800	\$ 0.25 \$ -	\$	0.2500	1 4024800		\$ -	0.00%
Ontario Electricity Support (OESF	-)	\$ -			\$				e -	0.000
Debt Retirement Charge (DRC)		\$ 0.0069	4000000		\$	0.0069	4000000		Ψ -	0.00%
TOU - Off Peak		\$ 0.0650	2600000	\$169,000.00	\$	0.0650	2600000		\$ - \$ -	0.00%
TOU - Mid Peak		\$ 0.0950	680000	\$ 64,600.00	\$	0.0950	680000			0.00%
TOU - On Peak		\$ 0.1320	720000		\$	0.1320	720000		\$ -	0.00%
Energy - RPP - Tier 1		\$ 0.0770	750	\$ 57.75	\$	0.0770	750		\$ - \$ -	0.00%
Energy - RPP - Tier 2		\$ 0.0900	3999250	\$359,932.50	\$	0.0900	3999250	\$359,932.50	1.p -	0.00%
Total Bill on TOU (before Taxes	5)			\$461,835.66	T			\$477,651.56	\$15,815.90	3.42%
HST	•	13%		\$ 60,038.64		13%		\$ 62,094.70	\$ 2,056.07	3.42%
Total Bill (including HST)				\$521,874.29				\$539,746.26	\$17,871.97	
					_					
Total Bill on RPP (before Taxes	s)			\$493,185.91				\$509,001.81	\$15,815.90	
HST		13%	1	\$ 64,114.17		13%		\$ 66,170.24	\$ 2,056.07	
Total Bill (including HST)				\$557,300.08	_			\$575,172.04	\$17,871.97	3.21%

Loss Factor (%) 0.6200% 0.6200%

# Attachment 8-12(A) May 1 : O Oberovember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: Unmetered Scattered Load

TOU / non-TOU: TOU

Charge Unit   Rate   Volume   Charge (S)   S		Consumption		470	kWh									
Rate   Volume   Charge   Signary   Service Charge   Signary   Service Charge   Smart Meter Rate Adder   Service Charge   Se					KW									
Charge Unit							ļ					lm	pact 20	17 vs 2016
Monthly Service Charge   Monthly   S		Charge Unit			volume				volume			٠.	hango	% Change
1   5   1   5   1   5   1   5   5   1   5   5	Monthly Service Charge		Φ.		1		ł		1		1			
1   5 -		WOTHIN	φ	4.00	1	\$ -		4.00					-	3.0078
1   S -   1   S -   1   S -   1   S -   1   S -   5 -   1   S -   1	Ciriait Motor Hato Hado				1	\$ -							-	
Distribution Volumetric Rate   per kWh   \$ 0.0226   470   \$1.05   \$ 0.0235   470   \$1.05   \$ 0.42   \$3.98%					1	\$ -						\$	-	
Distribution Volumetric Rate   Per KWh   S   0.0226   470   \$10.62   \$0.0235   470   \$11.05   \$0.42   3.98%					1	\$ -			1	\$ -		\$	-	
Smart Meter Disposition Rider   S					1	\$ -			1	\$ -			-	
RAM & SSM Rate Rider	Distribution Volumetric Rate	per kWh	\$	0.0226				\$ 0.0235					0.42	3.98%
470   \$ -	Smart Meter Disposition Rider												-	
470   \$ -   470   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -	LRAM & SSM Rate Rider	per kWh	\$	-				\$ -						
470   \$ -   470   \$ -   470   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -   \$ -   470   \$ -														
A70   S -													-	
Arro   S -   Arro   S -   Arro   S -   S -   Arro   S -   S -   Arro   S -   Arro   S -   S -   S -   Arro   S -   S -   S -   S -   Arro   S -   S -   S -   Arro   S -   S -   S -   S -   S -   S -   S -   S -   Arro   S -   S													-	
Sub-Total A (excluding pass through)													-	
Sub-Total A (excluding pass through)													-	
Sub-Total A (excluding pass through)														
Deferral/Variance Account   Deferral/Variance Account   Deferral/Variance Account   Deferral/Variance Account   Desposition Rate Rider Class 2   Deferral/Variance Account   Disposition Rate Rider Glass 2   Deferral/Variance Account   Deferral / Variance Account   Deferral / Deferr	Sub-Total A (excluding pass the	rough)			470				470				0.65	4.29%
Disposition Rate Rider Class 1   per kWh   S - 470   S - 5   \$ 0.0004   470   \$ 0.19   \$ 0.			\$	-							1 1			112070
Disposition Rate Rider Class 2   Der kWh   S   - 470	Disposition Rate Rider Class 1	p =	*		470	\$ -		-\$ 0.0004	470	-\$ 0.19		-\$	0.19	
Disposition Rate Ridger Class 2   Deferral/Variance Account   Deferral / Variance Account   Deferral / Deferr		per kWh	\$	-	470	e		•	470	e		¢.		
Disposition Rate Rider - Global Adjustment   Deferral / Variance Accounts   Deferral / Deferr	Disposition Rate Rider Class 2				470	Ф -		Ф -	470	Ф -		Ф	-	
Adjustment   Deferral / Variance Accounts   Deferral /	Deferral/Variance Account	per kWh	\$	-										
Deferral / Variance Accounts   Per kWh   \$ 0.0023   470 -\$ 1.08   \$ 0.0008   470 -\$ 0.38   \$ 0.71   -65.22%   Adj.) - NON-WMP   Rate Rider Calculation for   Per kWh   \$ 0.0003   470   \$ 0.13   \$ - 470   \$ \$ 0.13   -100.00%   MKS - Sub-account CBR   Class B					470	\$ -			470	\$ -		\$	-	
Balances (excluding Global Adj.) - NON-WMP   Adj.) - NON-WMP   Rate Rider Calculation for WMS - Sub-account CBR   Class B   Low Voltage Service Charge   per kWh   \$ 0.00007   486   \$ 0.03   \$ 0.00006   486   \$ 0.03   \$ 0.0000   14.29%   Low Voltage Service Charge   per kWh   \$ 0.00007   486   \$ 0.03   \$ 0.00006   486   \$ 0.03   \$ 0.000   14.29%   Low Voltage Service Charge   Monthly   \$ 0.0822   16   \$ 1.29   \$ 0.00007   16   \$ 1.29   \$ 0.000   16.500   \$ 1.29   \$ 0.000   16.500   \$ 1.29   \$ 0.0000   \$ 1.400   \$ 1.29   \$ 0.0000   \$ 1.400   \$ 1.29   \$ 0.0000   \$ 1.400   \$ 1.29   \$ 0.0000   \$ 1.400   \$ 1.20														
Adj. NON-WMP   Rate Rider Calculation for   Per kWh   \$ 0.0003   470 \$ 0.13 \$ \$ - 470 \$ \$ 0.13 \$ -100.00%		per kWh	-\$	0.0023								_		
Rate Rider Calculation for WMS - Sub-account CBR   Sub-MS - Sub-					470	-\$ 1.08		-\$ 0.0008	470	-\$ 0.38		\$	0.71	-65.22%
WMS - Sub-account CBR   Class B   Class B   Class B   S   0.00007   486   S   0.03   S   0.00006   S   0.000006   S   0.00006   S   0.000006   S   0.00006		134/1		0.0000										
Class B   Low Voltage Service Charge   Der kWh   \$ 0.00007   486 \$ 0.03   \$ 0.00006   486 \$ 0.03   \$ 0.0000   -14.29%   \$ 0.000%   \$ 0.0822   16 \$ 1.29 \$ \$ 0.000%   \$ 0.0822   16 \$ 1.29 \$ \$ 0.000%   \$ 0.0822   16 \$ 1.29 \$ \$ 0.000%   \$ 0.0822   16 \$ 1.29 \$ \$ 0.000%   \$ 0.0008   \$ 0.0822   16 \$ 1.29 \$ \$ 0.000%   \$ 0.000%   \$ 0.0008   \$ 0.0008   \$ 0.0008   \$ 0.0009   \$ 0.0		per kvvn	\$	0.0003	470	£ 0.12		•	470	¢.		Φ.	0.12	100.000/
Line Losses on Cost of Power Smart Meter Entity Charge   Monthly   South 1					470	\$ 0.13		Ф -	470	Φ -		-Ф	0.13	-100.00%
Line Losses on Cost of Power Smart Meter Entity Charge   Monthly   \$ - 1   \$		ner kWh	¢	0.00007	486	\$ 0.03		900000	486	\$ 0.03		-¢	0.00	-14 29%
Sub-Total B		per kvvii												
Sub-Total B - Distribution   S15.60   S16.63   S1.04   6.66%		Monthly											-	0.0070
Includes Sub-Total A)		monuny	Ť					<u> </u>					4.04	0.000/
RTSR - Line and Transformation Connection   Per kWh Transformation Connection   Per kWh Transformation Connection   Sub-Total C - Delivery (Including Sub-Total B)	(includes Sub-Total A)					\$ 15.6U				\$ 10.03		Ð	1.04	0.00%
Sub-Total C - Delivery   Sub-Total B   Sub	RTSR - Network		\$	0.0068	486	\$ 3.30		\$ 0.0069	486	\$ 3.35		\$	0.05	1.47%
Sub-Total B    Sub-Total B  Sub-Total B  Sub-Total B  Sub-Total B  Sub-Total B  Sub-Total Sub-Total B  Sub-Total B  Sub-Total B  Sub-Total B  Sub-Total B		per kWh	\$	0.0045	486	\$ 2.19		\$ 0.0046	486	\$ 2.23		\$	0.05	2.22%
Including Sub-Total B)			_			*		•		*		_		
Wholesale Market Service						\$21.08				\$22.22		\$	1.14	5.38%
Charge (WMSC) Rural and Remote Rate		nor IdMh	¢	0.0026				£ 0.0036						
Rural and Remote Rate   per kWh   Protection (RRRP)   S   0.0003   486   S   0.15   S   0.0003   486   S   0.15   S   0.0008   S   0.0098   S   0.		per kwiii	Ф	0.0036	486	\$ 1.75		\$ 0.0036	486	\$ 1.75		\$	-	0.00%
Protection (RRRP)   Sundard Supply Service Charge Monthly   Sundard Sundard Supply Service Charge Monthly   Sundard Sundard Sundard Supply Service Charge Monthly   Sundard		ner kWh	\$	0.0003				\$ 0.0003						
Standard Supply Service Charge Monthly Ontain Electricity Support (OESP)   \$ 0.2500   1   \$ 0.25   \$ 0.2500   1   \$ 0.25   \$ - 0.00%		per kwiii	Ψ	0.0003	486	\$ 0.15		\$ 0.0003	486	\$ 0.15		\$	-	0.00%
Ontario Electricity Support (OESP)         \$         486         \$         -         486         \$         -         486         \$         -         0.00%           Debt Retirement Charge (DRC)         \$         0.0065         306         \$ 19.86         \$         -         0.00%           TOU - Off Peak         \$         0.0650         306         \$ 19.86         \$         -         0.00%           TOU - Mid Peak         \$         0.0950         80         \$ 7.59         \$         0.00%         80         \$ 7.59         \$         0.00%           TOU - On Peak         \$         0.1320         85         \$ 11.17         \$         0.00%         80         \$ 7.59         \$         0.00%           Energy - RPP - Tier 1         \$         0.0770         470         \$ 36.19         \$         0.0770         470         \$ 36.19         \$         0.0770         470         \$ 36.19         \$         0.0770         470         \$ 36.19         \$         0.0770         470         \$ 36.19         \$         0.0900         0         \$         -         \$         0.00%           Energy - RPP - Tier 2         13%         \$ 8.46         13%         \$ 8.61         \$		Monthly	\$	0.2500	1	\$ 0.25		\$ 0.2500	1	\$ 0.25		\$	-	0.00%
TOU - Off Peak \$ 0.0650 306 \$19.86 \$ 0.0650 306 \$19.86 \$ - 0.00% TOU - Mid Peak \$ 0.0950 80 \$ 7.59 \$ 0.0950 80 \$ 7.59 \$ - 0.00% TOU - On Peak \$ 0.1320 85 \$11.17 \$ - 0.00% Energy - RPP - Tier 1 \$ 0.0770 470 \$38.19 \$ 0.0770 470 \$38.19 \$ - 0.00% Energy - RPP - Tier 2 \$ 0.0900 0 \$ - \$ 0.0900 0 \$ 0 \$ - \$ 0.0900 0 \$ 0.0900 0 \$ 0.0900 0 \$ 0.				-	486				486					
TOU - Off Peak         \$ 0.0650         306         \$ 19.86         \$ 0.0650         306         \$ 19.86         \$ - 0.00%           TOU - Mid Peak         \$ 0.0950         80         \$ 7.59         \$ 0.0950         80         \$ 7.59         \$ - 0.00%           TOU - On Peak         \$ 0.1320         85         \$ 11.17         \$ 0.1320         85         \$ 11.17         \$ - 0.00%           Energy - RPP - Tier 1         \$ 0.0770         470         \$ 36.19         \$ 0.0770         470         \$ 36.19         \$ - 0.00%           Energy - RPP - Tier 2         \$ 0.0900         0         \$ - 0.0900         0         \$ - 0.00%           Total Bill on RPP (before Taxes)         13%         \$ 8.46         13%         \$ 8.61         \$ 0.15         1.74%           HST         13%         \$ 8.46         13%         \$ 8.61         \$ 0.15         1.74%           Total Bill (including HST)         \$ 73.57         \$ 74.85         \$ 1.28         1.74%           8% Provincial Rebate         -8%         -\$ 5.21         -8%         -\$ 5.30         -\$ 0.09         1.74%           Total Bill (including 8% Provincial Rebate)         \$ 8.86         \$ 8.45         13%         \$ 8.30         \$ 1.14         1.81% <t< td=""><td>Debt Retirement Charge (DRC)</td><td></td><td>\$</td><td>0.0069</td><td>470</td><td>\$ 3.26</td><td></td><td>\$ 0.0069</td><td>470</td><td>\$ 3.26</td><td></td><td>\$</td><td>-</td><td>0.00%</td></t<>	Debt Retirement Charge (DRC)		\$	0.0069	470	\$ 3.26		\$ 0.0069	470	\$ 3.26		\$	-	0.00%
TOU - On Peak Energy - RPP - Tier 1 Solono 0 St. Energy - RPP - Tier 2 Solono 0 St.  Total Bill on RPP (before Taxes) HST Total Bill (including HST) Solono 0 St.	TOU - Off Peak		\$	0.0650	306	\$19.86		\$ 0.0650	306	\$19.86			-	0.00%
Section   Sect													-	
Total Bill on RPP (before Taxes)													-	
Total Bill on RPP (before Taxes)									-				-	0.00%
HST	Energy - RPP - Tier 2		\$	0.0900	0	\$ -		\$ 0.0900	0	\$ -	Ш	\$	-	
HST	Total Bill on RPP (before Taxes	)	T			\$65.11				\$66.24	П	\$	1.14	1.74%
Total Bill (including HST)         -8%         \$73.57         -8%         \$74.85         \$ 1.28         1.74%           8% Provincial Rebate         -8%         -\$ 5.21         -8%         -\$ 5.30         -\$ 0.09         1.74%           Total Bill (including 8% Provincial Rebate)         \$68.36         \$69.55         \$ 1.19         1.74%           Total Bill on RPP (before Taxes)         \$62.68         \$63.82         \$ 1.14         1.81%           HST         13%         \$ 8.15         13%         \$ 8.30         \$ 0.15         1.81%           Total Bill (including HST)         \$70.83         \$72.11         \$ 1.28         1.81%           8% Provincial Rebate         -8%         -\$ 5.01         -8%         -\$ 5.11         -\$ 0.09         1.81%		•		13%				13%						
Total Bill (including 8% Provincial Rebate)         \$68.36         \$69.55         \$ 1.19         1.74%           Total Bill on RPP (before Taxes)         \$62.68         \$63.82         \$ 1.14         1.81%           HST         13%         \$ 8.15         13%         \$ 8.30         \$ 0.15         1.81%           Total Bill (including HST)         \$70.83         \$72.11         \$ 1.28         1.81%           8% Provincial Rebate         -8%         -\$ 5.01         -8%         -\$ 5.11         -\$ 0.09         1.81%	Total Bill (including HST)		1			\$73.57		1		\$74.85		\$	1.28	1.74%
Total Bill on RPP (before Taxes)  HST Total Bill (including HST)  8% Provincial Rebate  13% \$ 8.15   13% \$ 8.30 \$ 0.15   1.81%			1	-8%		-\$ 5.21		-8%		-\$ 5.30		-\$	0.09	1.74%
HST     13%     \$ 8.15     13%     \$ 8.30     \$ 0.15     1.81%       Total Bill (including HST)     \$ 70.83     \$ 72.11     \$ 1.28     1.81%       8% Provincial Rebate     -8%     -\$ 5.01     -8%     -\$ 5.11     -\$ 0.09     1.81%	Total Bill (including 8% Provin	cial Rebate)	L			\$68.36	L			\$69.55	Ш	\$	1.19	1.74%
HST     13%     \$ 8.15     13%     \$ 8.30     \$ 0.15     1.81%       Total Bill (including HST)     \$ 70.83     \$ 72.11     \$ 1.28     1.81%       8% Provincial Rebate     -8%     -\$ 5.01     -8%     -\$ 5.11     -\$ 0.09     1.81%	Total Bill on PPP (before Taxes	,				\$62.68				\$63.82		\$	1 1/	1 81%
Total Bill (including HST)         \$70.83         \$72.11         \$ 1.28         1.81%           8% Provincial Rebate         -8%         -\$ 5.01         -8%         -\$ 5.11         -\$ 0.09         1.81%		,	1	13%	1		l	13%						
8% Provincial Rebate -8% -\$ 5.01 -8% -\$ 5.11 -\$ 0.09 1.81%			1	10/0				13/0						
			1	-8%				-8%						
		cial Rebate)	L		<u> </u>		L		L	\$67.01	L		1.19	

3.3500% 3.3500% Loss Factor (%)

# Attachment 8-12(A) May 1 - O'O'Detrovember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: Sentinel Lights

TOU / non-TOU:

TOU

94 kWh Consumption **0.40** KW 2018 Proposed Impact 2017 vs 2016 **Current Board-Approved** Charge Charge Rate Charge Unit (\$) Monthly Service Charge Monthly 3.04 3.04 3.25 3.25 0.21 6.91% \$ \$ \$ Smart Meter Rate Adder 9999999999 \$ -\$ 4.91 4 \$ -94 \$ -94 \$ -94 \$ per kW Distribution Volumetric Rate 12.2794 \$13.8285 5.53 0.62 12.62% 94 Smart Meter Disposition Rider 0 LRAM & SSM Rate Rider per kW 94 94 94 94 94 94 \$ \$ \$ \$ \$ \$ 94 94 -94 94 Sub-Total A (excluding pass through) 8.78 0.83 10.43% per kW 0.0062 Deferral/Variance Account 0.40 \$ 0.00 -\$ 0.0878 0.40 -\$ 0.04 -\$ 0.04 -1516.13% Disposition Rate Rider Class 1 Deferral/Variance Account per kW \$ 0.0068 0.40 \$ 0.00 0.40 \$ -\$ 0.00 -100.00% Disposition Rate Rider Class 2 per kWh Deferral/Variance Account \$ Disposition Rate Rider - Global 94 \$ 94 \$ \$ Adjustment Deferral / Variance Accounts per kW 0.5211 Balances (excluding Global 0.40 -\$ 0.21 -\$ 0.1789 0.40 -\$ 0.07 0.14 -65.67% Adj.) - NON-WMP Rate Rider Calculation for 0.0003 per kWh WMS - Sub-account CBR 94 \$ 0.03 94 \$ --\$ 0.03 -100.00% Class B \$ 0.01 \$ 0.26 Low Voltage Service Charge per kW 0.01955 \$ 0.01 \$0.01770 -\$ 0.00 -9.46% Line Losses on Cost of Power 0.0822 \$ 0.26 \$ 0.0822 \$ 0.00% Smart Meter Entity Charge Monthly Sub-Total B - Distribution \$ 8.04 \$ 8.94 \$ 0.90 11.19% (includes Sub-Total A) RTSR - Network per kW 2.0681 0.4 \$ 0.83 \$ 2,1019 \$ 0.84 \$ 0.01 1.639 RTSR - Line and per kW \$ 1.3501 0.4 \$ 0.54 \$ 1.3674 \$ 0.55 \$ 0.01 1.289 0.4 Transformation Connection Sub-Total C - Delivery \$ 9.41 \$10.33 \$ 0.92 9.78% (including Sub-Total B)
Wholesale Market Service per kWh \$ 0.0036 \$ 0.0036 97 \$ 0.35 \$ 0.35 \$ 0.00% Charge (WMSC) Rural and Remote Rate per kWh 0.0003 \$ 0.0003 97 \$ 0.03 \$ 0.03 \$ 0.00% Protection (RRRP) \$ 0.25 \$ -\$ 0.25 \$ -Standard Supply Service Charge Monthly 0.2500 \$ 0.2500 \$ 0.00% 97 97 Ontario Electricity Support (OESP) \$ 0.65 \$ 3.97 \$ 1.52 \$ 2.23 \$ 0.65 \$ 3.97 \$ 1.52 \$ 2.23 Debt Retirement Charge (DRC) 0.0069 \$ 0.0069 0.00% TOU - Off Peak 0.0650 61 \$ 0.0650 61 \$ \$ \$ 0.00% 16 TOU - Mid Peak 16 0.00% 0.0950 \$ 0.0950 TOU - On Peak 0.1320 0.1320 17 0.00% \$ 7.24 Energy - RPP - Tier 1 \$ 7.24 \$ 0.0770 94 \$ 0.0770 94 0.00% Energy - RPP - Tier 2 0.0900 0.0900 Total Bill on RPP (before Taxes) \$18.41 \$19.33 0.92 5.00% 2.39 13% 0.12 5.00% Total Bill (including HST) \$20.81 \$21.85 1.04 5.00% -\$ 1.47 **\$19.33** 8% Provincial Rebate -8% -8% \$ 1.55 0.07 5.00% Total Bill (including 8% Provincial Rebate) \$20.30 0.97 5.00% Total Bill on RPP (before Taxes) 0.92 5.13% \$ 2.33 **\$20.26** \$ 2.45 **\$21.30** 13% 13% 0.12 5.13% Total Bill (including HST) 1.04 5.13% -\$ 1.43 **\$18.82** \$ 1.51 **\$19.79** 8% Provincial Rebate -8% -8% 0.07 5.13% Total Bill (including 8% Provincial Rebate) 0.97 5.13%

# Attachment 8-12(A) May 1.0 Obbtowember 1 - April 30 (Select this radio button for Bill Impacts

Customer Class: Street Light

TOU / non-TOU: TOU

	Consumption		150	kWh												
	oonoumpuo		1.00	KW												
			Current Bo				I			3 Propos			1 1	lm	oact 20	17 vs 2016
			Rate	Volume	С				Rate	Volume	С					
	Charge Unit	•	(\$)		Φ.	(\$)	ŀ	_	<b>(\$)</b> 0.85	- 1	•	(\$)			hange	% Change
Monthly Service Charge Smart Meter Rate Adder	Monthly	\$	0.80	1	\$	0.80			0.85	1	\$			\$	0.05	6.25%
Smart Weter Rate Adder				1	\$					1	\$	-		\$	-	
				1	\$	-				1	\$	-		\$	-	
				1	\$	-				1	\$	-		\$	-	
				1	\$	-				1	\$			\$	-	
Distribution Volumetric Rate	per kW	\$	5.6501	1	\$	5.65		\$	5.9758	1	\$			\$	0.33	5.76%
Smart Meter Disposition Rider				150	\$	-				150	\$			\$	-	
LRAM & SSM Rate Rider	per kW	\$	-	1	\$	-			-	1	\$	-		\$	-	
				150 150	\$					150 150	\$			\$	-	
				150						150				\$		
				150	\$	-				150	\$			\$	-	
				150	\$	-				150	\$			\$	-	
				150	\$	-				150	\$	-		\$	-	
				150						150		-		\$	-	
Sub-Total A (excluding pass thr					\$	6.45					\$	6.83		\$	0.38	5.82%
Deferral/Variance Account	per kW	\$	0.0099	1	\$	0.01		_	0.1404	1	-\$	0.14		-\$	0.15	-1518.18%
Disposition Rate Rider Class 1	134/		0.0400		,						_			*		
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	\$	0.0109	1.00	\$	0.01		\$	-	1	\$	-		-\$	0.01	-100.00%
Disposition Rate Rider Class 2 Deferral/Variance Account	per kWh	-\$	0.0019													
Disposition Rate Rider - Global	perkwii	-φ	0.0019	150	-\$	0.29		\$	_	150	\$			\$	0.29	-100.00%
Adjustment					Ψ	0.20		~		.00	۳			Ψ.	0.20	100.0070
Deferral / Variance Accounts	per kW	-\$	0.8313													
Balances (excluding Global	•			1.00	-\$	0.83		-\$	0.2861	1	-\$	0.29		\$	0.55	-65.58%
Adj.) - NON-WMP																
Rate Rider Calculation for	per kWh	\$	0.0003		١.											
WMS - Sub-account CBR				150	\$	0.04		\$	-	150	\$	-		-\$	0.04	
Class B	100/	•	0.04000	4	¢.	0.02		0.	0.01807	1	•	0.00		•	0.00	-9.47%
Low Voltage Service Charge Line Losses on Cost of Power	per kW	\$	0.01996	1 5		0.02			0.0822	5		0.02		-\$ \$	-	0.00%
Smart Meter Entity Charge	Monthly	\$	0.0622	1	\$	0.41		\$	0.0622	1	\$			\$		0.00 /6
Sub-Total B - Distribution	WOTHIN	Ψ			Ė			Ψ	_		Ť					
(includes Sub-Total A)					\$	5.83					\$	6.83		\$	1.00	17.20%
RTSR - Network	per kW	\$	2.0786	1	\$	2.08		\$	2.1125	1	\$	2.11		\$	0.03	1.63%
RTSR - Line and	per kW	\$	1.3783	1	\$	1.38		\$	1.3960	1	\$	1.40		\$	0.02	1.28%
Transformation Connection	po. KII	Ψ.	1.07.00		*	1.00		Ψ.	1.0000		۳			•	0.02	1.2070
Sub-Total C - Delivery					\$	9.28					\$	10.34		\$	1.05	11.35%
(including Sub-Total B) Wholesale Market Service	per kWh	\$	0.0036					•	0.0036							
Charge (WMSC)	perkwn	Ф	0.0036	155	\$	0.56		Ф	0.0036	155	\$	0.56		\$	-	0.00%
Rural and Remote Rate	per kWh	\$	0.0003		_			\$	0.0003		_			_		
Protection (RRRP)		*		155	\$	0.05		_		155	\$	0.05		\$	-	0.00%
Standard Supply Service Charge	Monthly	\$	0.2500	1		0.25		\$	0.2500	1		0.25		\$	-	0.00%
Ontario Electricity Support (OESF	)	\$	-	155	\$	-		\$	-	155	\$					
Debt Retirement Charge (DRC)		\$	0.0069	150		1.04			0.0069	150		1.04		\$	-	0.00%
TOU - Off Peak		\$	0.0650	98		6.34			0.0650	98		6.34		\$	-	0.00%
TOU - Mid Peak TOU - On Peak		\$	0.0950	26 27		2.42 3.56			0.0950	26		2.42 3.56		\$	-	0.00%
Energy - RPP - Tier 1		\$	0.1320 0.0770	150		11.55			0.1320 0.0770	27 150		11.55		\$	-	0.00% 0.00%
Energy - RPP - Tier 2		\$	0.0770	0					0.0770	0				\$	-	0.0078
		Ψ	0.0000	Ů	Ė			Ψ	0.0000	Ů	Ė		H	Ė		
Total Bill on RPP (before Taxes	)					23.50						24.56		\$	1.05	4.48%
HST			13%			3.06	l		13%			3.19		\$ <b>\$</b>	0.14	4.48%
Total Bill (including HST)			00/			26.56			00/			27.75		-\$	<b>1.19</b> 0.08	<b>4.48%</b> 4.48%
8% Provincial Rebate Total Bill (including 8% Provinc	ial Rehate\		-8%			1.88 <b>24.68</b>			-8%			1.96 <b>25.79</b>		-> \$	1.11	4.48% 4.48%
								H						_		
Total Bill on RPP (before Taxes	)					22.73						23.78		\$	1.05	4.64%
HST			13%			2.95			13%			3.09		\$	0.14	4.64%
Total Bill (including HST)			00/			<b>25.69</b> 1.82	l		00/			<b>26.88</b> 1.90		<b>\$</b> -\$	1.19 0.08	<b>4.64%</b> 4.64%
8% Provincial Rebate Total Bill (including 8% Provinc	ial Rehate\		-8%			23.87			-8%			24.97		-> \$	1.11	4.64%
Total bill (illeliduling 6 % F10VIIIC	iai ivendie)				Ť	_0.07					۳	51		۳		7.07/0



Hydro Ottawa Limited EB-2017-0052 Exhibit 9 Tab 1 Schedule 1 ORIGINAL Page 1 of 9

### **CURRENT DEFERRAL AND VARIANCE ACCOUNTS**

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### 1.0 INTRODUCTION

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This Exhibit provides a summary of currently held deferral and variance accounts ("DVAs"), as of December 31, 2016. A continuity schedule for current DVAs can be found in Attachment 9-1-A 2018 DVA Workform.

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Details of new accounts for which approval is being sought as part of this proceeding are included in Exhibit 9-1-2. Details of the accounts for which Hydro Ottawa is seeking disposition are discussed in Exhibit 9-2-1.

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### 2.0 DETAILS OF DVAs

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Tables 1 and 2 present a complete list of Hydro Ottawa's active DVAs, categorized based on the OEB's report on the *Electricity Distributors' Deferral and Variance Account Review Initiative* ("EDDVAR Report"), which categorizes the DVAs into Group 1 and Group 2 accounts.

181920

### Table 1 - Group 1 DVAs

21

Group 1 Account – Description	Account
LV Variance Account	1550
Smart Meter Entity Charge Variance Account	1551
RSVA – Wholesale Market Service Charge	1580
RSVA – Retail Transmission Network Charge	1584
RSVA – Retail Transmission Connection Charge	1586
RSVA – Power (excluding Global Adjustment)	1588
RSVA – Global Adjustment	1589
Disposition and Recovery/Refund of Regulatory Balances	1595

22

23

24





Hydro Ottawa Limited EB-2017-0052 Exhibit 9 Tab 1 Schedule 1 ORIGINAL Page 2 of 9

### Table 2 - Group 2 DVAs

2

1

Group 2 Account – Description	Account
Other Regulatory Assets	1508
Retail Cost Variance Account – Retail	1518
Renewable Connection OM&A Deferral Account	1532
Smart Grid OM&A Deferral Account	1535
Retail Cost Variance Account – STR	1548
LRAM Variance Account	1568
RSVA – One-time	1582
PILs and Tax Variance	1592

3

4 Hydro Ottawa confirms that DVAs are being used as prescribed in the OEB's Accounting

5 Procedures Handbook ("APH").

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### 2.1 DVAs Effective January 1, 2016

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As part of the Approved Settlement Agreement, Hydro Ottawa established a number of new DVAs effective January 1, 2016. Hydro Ottawa's 2017 rate adjustment application addressed those DVAs that were held as of December 31, 2015, with the exception of the Account 1508 Sub-Account Pole Attachments. As a result, this Application is the first instance in which Hydro Ottawa will report on the newly established accounts.

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This section provides a summary of the newly established accounts. Each of the accounts is recorded into a Sub-Account of 1508.

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### 2.1.1 Y Factor Variance Account

19

20 The Y Factor Account was established to recover the revenue requirement associated

- 21 with the construction of the new South Operations and Warehouse facility and an
- 22 Eastern Operations and Administrative Campus facility and related land through a Y
- factor once placed into service. The capitalized amount for the Y factor will be no more
- than \$66 million, as set out in the Approved Settlement Agreement.



Hydro Ottawa Limited EB-2017-0052 Exhibit 9 Tab 1 Schedule 1 ORIGINAL Page 3 of 9

1	
2	No amounts were reported in the Y Factor Account in 2016. As a result, the balance as
3	at December 31, 2016 was zero.
4	
5	2.1.2 New Facilities Deferral Account
6	
7	The New Facilities Account was established to capture and record revenue requirement
8	impacts arising from costs of the new facilities and related land that are above \$66
9	million. Any amount recorded into this account is subject to a prudency review.
10	
11	Like the Y Factor Account, no amounts were reported in the New Facilities Account in
12	2016. The balance as at December 31, 2016 was zero.
13	
14	2.1.3 Gains/Losses from Sale of Existing Facilities Deferral Account
15	
16	One hundred percent of the after tax gain/loss from the sale of land and buildings of
17	existing facilities will be captured in this Account. The existing facilities remained in
18	service in 2016, and no sale of an existing facility occurred in 2016. As a result, no
19	amounts have been recorded into this account.
20	
21	2.1.4 Gains and Loss on Disposal of Fixed Assets Variance Account
22	
23	This account is to record the difference between the forecast and actual loss on the
24	disposal of fixed assets, related to retirement of assets or damage to plant. Examples
25	include losses on meters and vehicles. The forecasted amount in Hydro Ottawa's
26	Custom IR Application was \$198,349.
27	
28	Balances related to this account can be viewed in the completed continuity schedule,
29	Attachment 9-1-A 2018 DVA Workform.

3031



Hydro Ottawa Limited EB-2017-0052 Exhibit 9 Tab 1 Schedule 1 ORIGINAL Page 4 of 9

### 2.1.5 Earnings Sharing Mechanism ("ESM") Variance Account

The ESM Account is to credit ratepayers for 50% of any earnings above Hydro Ottawa's regulatory Return on Equity ("ROE"), with no dead band. The ratepayer share of the earnings shall be grossed up for any tax impacts and credited to this account.

The regulatory net income for the purpose of earnings sharing will be calculated in the same manner as net income for regulatory purposes under the Reporting and Record Keeping Requirements ("RRR") filings. This will exclude revenue and expenses that are not otherwise included for regulatory purposes, such as settlement of any regulatory assets or regulatory liabilities, including the Lost Revenue Adjustment Mechanism and changes in taxes/Payments in Lieu of Taxes ("PILS") to which the Uniform System of Accounts ("USofA") 1592 – PILS and Tax Variance for 2006 and Subsequent Years applies.

Hydro Ottawa will record any required ESM into this account in 2017 related to 2016 earnings. Any interest related to this amount will be calculated starting December 31, 2016.

### 2.1.6 Connection Cost Recovery Agreement ("CCRA") Payments Deferral Account

The CCRA Account was established to recover, from customers, the annual revenue requirement impact of CCRA payments made to Hydro One. Recording of the revenue requirement will commence in the year in which the facilities, to which each CCRA payment relates, provide services to Hydro Ottawa customers.

No revenue requirement related to CCRA payments was recorded in 2016.





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2	Additions
3	
4	This account is to track revenue requirement impacts, resulting from any underspending
5	in Hydro Ottawa's three capital spending categories. Hydro Ottawa's capital spending
6	categories are System Renewal/System Service, System Access, and General Plant.
7	The account is computed and tracked on an annual basis and calculated on a
8	cumulative basis. If overspending occurs, no amount will be recorded into this account.
9	
10	In 2016, Hydro Ottawa spent more than planned in each of the three spending
11	categories. As a result, no amount was recorded into this variance account.
12	
13	2.1.8 Efficiency Adjustment Mechanism ("EAM") Deferral Account
14	
15	This account was established to provide ratepayers a credit should Hydro Ottawa's
16	efficiency ranking decline during any year of the Custom IR term. The year 2014 is the
17	starting efficiency ranking point. Hydro Ottawa will not benefit from moving into a more
18	efficient cohort except to mitigate future adjustments. A detailed example is provided as
19	part of the Approved Settlement Agreement.
20	

2.1.7 Revenue Requirement Differential Variance Account related to Capital

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### 2.1.9 Pole Attachment Charge Revenues Variance Account

The first EAM that Hydro Ottawa may need to record is in 2017.

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The Pole Attachment Account was established to collect the difference between the \$57 pole attachment rate that Hydro Ottawa's distribution revenue was based on in 2016 and the \$53 rate from the Pole Attachment Decision. As directed by the Pole Attachment Decision and approved as part of Hydro Ottawa's 2017 rate adjustment application, this amount is being collected as part of Hydro Ottawa's 2017 rates. Starting in 2017, Hydro Ottawa's base revenue is adjusted by the Pole Attachment Decision. (Please see Exhibit 6-1-1 for details). No further amounts will be recorded into this account.



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2.1.10 Wireless Attachment Revenues Deferral Account

2

1

3 The Wireless Attachment Revenue Deferral Account was established to credit 4 ratepayers with revenues earned from wireless attachments for the period 2016 to 2020.

5 No revenue has been recorded into this account.

6 7

#### 3.0 **CONTINUITY SCHEDULE**

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A complete continuity schedule for all DVAs, including Sub-Accounts, can be found in Attachment 9-1-A 2018 DVA Workform. Hydro Ottawa is using the DVA (Continuity Schedule) Workform Excel spreadsheet posted by the OEB on its website on July 24, 2017.

12 13 14

Hydro Ottawa is proposing to dispose of a number of its Group 1 accounts. For more details, please see Exhibit 9-2-1.

15 16 17

#### **CARRYING CHARGES** 4.0

18 19

20

21

22

The interest rate used for the calculation of all carrying charges to applicable accounts is prescribed by the OEB and published quarterly on its website. Please see Table 3 for a summary of these interest rates up to Q4 2016. Hydro Ottawa confirms it uses these interest rates, where applicable, as provided by the OEB.

23 24

Table 3 – Interest Rates for Carrying Charges on DVAs

25

Prescribed Interest Rate								
Period Used	Approved for Deferral and Variance Accounts							
Q2 2015 to Q3 2017	1.10%							
Q1 2011 to Q1 2015	1.47%							

26



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### 1 5.0 RECONCILIATION OF CONTINUITY SCHEDULE VS. RRRs 2 3 As per the continuity schedule in Attachment 9-1-A 2018 DVA Workform, there are only 4 immaterial differences in the account balances as of December 31, 2016 between the 5 continuity schedule and 2.1.7 RRRs reported to the OEB. 6 7 6.0 **NEW DVAs AND SUB-ACCOUNTS** 8 9 Please see Exhibit 9-1-2 for details regarding the proposed new Sub-Account to 1595 to 10 dispose of any Group 1 Accounts. 11 12 7.0 **ADJUSTMENTS TO DVAs** 13 14 Hydro Ottawa confirms that it has not made any adjustments to DVA balances that were 15 previously approved by the OEB on a final basis. 16 17 8.0 **ENERGY SALES AND COST OF POWER EXPENSE BALANCES** 18 19 The sale of energy and cost of power are flow through items. Hydro Ottawa does not 20 report any difference for financial purposes between the energy sales and the cost of 21 power. As a result, Hydro Ottawa does not derive any economic gain or loss in the flow 22 through of these accounts. 23 24 The totals for energy sales and cost of power do not net to zero on the audited financial 25 statements due to International Financial Reporting Standards ("IFRS") 14 net 26 movement adjustments (see Table 4 below). Totals for energy sales and cost of power 27 are reconciled to the audited financial statements in Table 5. Table 6 presents energy 28 sales and cost of power sales per the USofA. 29 30 31



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1 2 3

### Table 4 – Energy Sales and Cost of Power per Audited Financial Statements

	2016 (\$000)
Total Energy Sales	(974,207)
Total Cost of Power	968,069
Net Energy Sales and Cost of Power	(6,138)

5

4

# Table 5 – Energy Sales and Cost of Power Reconciliation to Audited Financial Statements

6 7 8

	2016 (\$)
Total Energy Sales as per Audited Financial Statements	(974,206,961)
RSVA – Global Adjustment – Net Movement	3,678,001
RSVA – Wholesale Market Service Charge – Net Movement	7,468,119
RSVA – Retail Transmission Connection Charge – Net Movement	2,572,072
LV Variance Account – Net Movement	302,419
IFRS Regulatory Balance Adjustment (IFRS 14)	(5,052,779)
Total Energy Sales After Net Movement Adjustments	(965,239,129)
Total Cost of Power as per Audited Financial Statements	968,069,348
RSVA – Power (excluding Global Adjustment) – Net Movement	(2,796,072)
RSVA – Wholesale Market Service Charge – Net Movement	(23,309)
RSVA – Retail Transmission Network Charge – Net Movement	(9,934)
Smart Meter Entity Charge – Net Movement	(904)
Total Cost of Power After Net Movement Adjustments	965,239,129
Net Energy Sales and Cost of Power	-

9

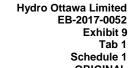
1011

1213

14

1516

17



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### Table 6 - Cost of Power and Energy Sales

Account and Description	2016 (\$)
4006 Residential Energy Sales	(257,019,267)
4020 Energy Sales to Large Users	(58,115,883)
4025 Street Lighting Energy Sales	(5,091,552)
4030 Sentinel Lighting Energy Sales	0
4035 General Energy Sales	(518,143,725)
4050 Revenue Adjustment	0
4062 Billed – WMS	(38,083,812)
4066 Billed – NW	(51,934,753)
4068 Billed – CN	(33,691,843)
4075 Billed – LV	(167,371)
4076 Billed – Smart Metering Entity Charge	(2,990,923)
Total Energy Sales	(965,239,129)
4705 Power Purchased	838,370,427
4708 Charges – WMS	38,083,812
4714 Charges – NW	51,934,753
4716 Charges – CN	33,691,843
4750 Charges – LV	167,371
4751 Charges – Smart Metering Entity Charge	2,990,923
Total Cost of Power	965,239,129
Net Energy Sales and Cost of Power	-

3 4 5

1

2

#### 9.0 IESO GLOBAL ADJUSTMENT CHARGE (RPP AND NON-RPP)

6

- 7 Hydro Ottawa confirms that the Independent Electricity System Operator's ("IESO")
- 8 Global Adjustment Charge is pro-rated between Regulated Price Plan ("RPP") and non-
- 9 RPP portions.



## 2018 Deferral/Variance Account Workforn

Account Descriptions

Misc. Deferred Debits Retail Cost Variance Account - STR

Board-Approved CDM Variance Account

This continuity schedule must be completed for each account and sub-account that the ut data from the year in which the GL balance was last disposed. For example, if in the 2017 in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting the relevant balances approved for disposition was first transferred into Account 1595 (20 starting from the vintage year. For any new accounts that have never been disposed, start

Number

1525

1548

Croup 4 Accounts	
Group 1 Accounts	
LV Variance Account	
Smart Metering Entity Charge Variance Account	
RSVA - Wholesale Market Service Charge <sup>9</sup>	
Variance WMS – Sub-account CBR Class A9	
Variance WMS – Sub-account CBR Class B <sup>9</sup>	
RSVA - Retail Transmission Network Charge	
RSVA - Retail Transmission Connection Charge	
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	
RSVA - Global Adjustment 12	
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>	
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	
Not to be disposed of until a year after rate rider has expired and that balance	. haa haan au-14
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)	
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)	
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12	
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts	
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges	
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>2</sup>	
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Inancial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Pair Page 100 - Page	
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB	Recovery
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Defended The Cost Other Regulatory Assets - Sub-Account - Defended The Cost Other Regulatory Assets - Sub-Account - Defended The Charge Revenues	Recovery  Variance Accour
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Inancial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P& OPEB Other Regulatory Assets - Sub-Account - P& OPEB Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Weises Attachment Revenues De Other Regulatory Assets - Sub-Account - Weises Attachment Revenues De	Recovery  Variance Accour
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Ad <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P Got Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De	Recovery  Variance Accountereral Account
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Inancial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Pa OPEB Other Regulatory Assets - Sub-Account - Del Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Sunivil Losses from Sale of Evisting	Recovery  Variance Accountereral Account
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - Peat Therety Cost Defer Cost Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Vieriess Attachment Revenues De Other Regulatory Assets - Sub-Account - Vieriess Attachment Revenues De Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Other Regulatory Assets - Sub-Account - Wer Facilities Deferral Account	Recovery  Variance Accountereral Account
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - Wireless Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wareless Attachment Revenues De Other Regulatory Assets - Sub-Account - Repulatory Assets - Sub-Account - Wareless Attachment Revenues De Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	Recovery  Variance Accourt ferral Account property Recognition
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB	Recovery  Variance Accourt ferral Account p Facilities Deferr
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Inanacial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account	Recovery  Variance Accourteral Account  p Facilities Deferr  Variance Account  CCRA) Payr
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreem Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Other Regulatory Assets - Sub-Account - Revenue Requirement Differential	Recovery  Variance Account ferral Account parallel Facilities Deferr (CRA) Payr Variance Account (CRA) Payr Variance Account
Group 1 Sub-Total (excluding Account 1889 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Bast Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Wireless Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues De Other Regulatory Assets - Sub-Account - Vi-Factor Variance Account Other Regulatory Assets - Sub-Account - Regulatory Assets - Sub-Account - Comection Cost Recovery Agreem Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreem Other Regulatory Assets - Sub-Account - Revenue Requirement Differential 'Other Regulatory Assets - Sub-Account - Revenue Requirement Differential 'Other Regulatory Assets - Sub-Account - Revenue Requirement Differential 'Other Regulatory Assets - Sub-Account - Revenue Requirement Differential 'Other Regulatory Assets - Sub-Account - Efficiency Aglustment Mechanism Other Regulatory Assets - Sub-Account - Efficiency Aglustment Mechanism Other Regulatory Assets - Sub-Account - Efficiency Aglustment Mechanism	Recovery  Variance Account ferral Account parallel Facilities Deferr (CRA) Payr Variance Account (CRA) Payr Variance Account
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - Welless Attachment Revenues De Other Regulatory Assets - Sub-Account - Welless Attachment Revenues De Other Regulatory Assets - Sub-Account - Welless Attachment Revenues De Other Regulatory Assets - Sub-Account - Weiner Regulatory Assets - Sub-Account - Weiner Regulatory Assets - Sub-Account - Revenues De Other Regulatory Assets - Sub-Account - Revenues Requirement Differential Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Other Regulatory Assets - Sub-Account - Revenue Requirement Differential	Recovery  Variance Account ferral Account parallel Facilities Deferr (CRA) Payr Variance Account (CRA) Payr Variance Account

Enter the number of utility specific Account 1508 sub-accounts that have been previously approved, regardless of whether disposition is being requested. If none, enter 1 and the generic sub-account will still be listed.



Identify and name each sub-account and complete the continuity schedule in the line(s) generated in the continuity schedule. Indicate whether the sub-account is requested for disposition in column BT.

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Account Descriptions	Account Number
Extra-Ordinary Event Costs	1572
Deferred Rate Impact Amounts	1574
RSVA - One-time	1582
Other Deferred Credits	2425
Group 2 Sub-Total	
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592

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Account Descriptions	Account Number
LRAM Variance Account <sup>11</sup>	1568
Total including Account 1568	
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532
Renewable Generation Connection Funding Adder Deferral Account	1533
Smart Grid Capital Deferral Account	1534
Smart Grid OM&A Deferral Account	1535
Smart Grid Funding Adder Deferral Account	1536
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555
Smart Meter OM&A Variance <sup>4</sup>	1556
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>5</sup>	1575
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576

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

- 1 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the tran this column.
- <sup>2</sup> Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dia
- <sup>3</sup> As per the January 6, 2011 Letter from the OEB regarding the implementation of the Ontario Clean Energy Benefit: "By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Janual "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be address:
- 4 Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variant Smart Meter Disposition and Cost Recovery (G-2011-0001)
- 5 The OEB requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In th Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line "Amount included in Defer

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have this is the case and leave the checkbox "Check to Dispose of Account" in the Total Claim column unchecked.

- 6 If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 20 the CPE in the 2017 rate decision.
- 7 The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be recodumn. The two are not to be netted together and recorded in one column in the first year.
- The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. ( Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally exper Claims column if the account is requested for disposition.
- 8 As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 shoul 1531 is listed for reference only. Account 1532 is included in the Group 2 allocation of balances that are used to calculate.
- <sup>9</sup> Account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amount Account 1580, sub-account CBR Class A, accounting guidance for this sub-account is to be followed. If a balance exist
- 10 Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disprapplication, outside of this continuity schedule.
- 11 Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride
- <sup>12</sup> Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants mu. 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts will impacts of the true-up claims are to be shown in the Adjustment column in that year. Note that fits true-up claims is true-up claims are to be shown in the Adjustment column in that year. Note that fits true-up claims that up can be adjusted to the start year of the previously disposed, then no adjudisposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the Note that if a distributor has any balance in Account 1589 that pertains to Class A, this must be excluded from the balar.

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### eferral/Variance Account Workform

This continuity schedule must be completed for each account and sub-account that the utility has approved for use as at Dec. 31, 2016, regardless of whether disposition is being requested for the account. For all accounts, except for Account 1595, s data from the year in which the GL balance was last disposed. For example, if in the 2017 rate application, DVA balances as at December 31, 2015 were approved for disposition, start the continuity schedule from 2015 by entering the approved closing in the Adjustment column under 2014. 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 (2014), data should be inputted starting in the relevant balances approved for disposition was first transferred into Account 1595 (2014). The DVA continuity schedule currently starts from 2011, if a utility has an Account 1595 with a vintage year prior to 2011, then a separate schedule should b starting from the vintage year. For any new accounts that have never been disposed, start inputting data from the year the account was approved to be used.

						2011					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-11	Transactions(1) Debit / (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments(2) during 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	OEB-Approved Disposition during 2011	Interest Adjustments(1) during 2011	Closing Interest Amounts as of Dec-31-11
Group 1 Accounts											
LV Variance Account	1550					\$0					\$0
Smart Metering Entity Charge Variance Account	1551										
RSVA - Wholesale Market Service Charge <sup>9</sup>	1580					\$0					\$0
Variance WMS – Sub-account CBR Class A <sup>9</sup>	1580										
Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580										
RSVA - Retail Transmission Network Charge	1584					\$0					\$0
RSVA - Retail Transmission Connection Charge	1586					\$0					\$0
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588					\$0					\$0
RSVA - Global Adjustment 12	1589					\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595					\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>	1595					\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	1595					\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	1595			-\$10.623.257		\$10,623,257			-\$552.141		\$552,141
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595			-\$10,023,237		\$10,623,257			-\$552,141		
Disposition and Recovery/Refund of Regulatory Balances (2013)											\$0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1595 1595					\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>						\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	1595					\$0					\$0
Not to be disposed of until a year after rate rider has expired and that balance has been audited	1										
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0		o -\$10,623,257	\$0	\$10,623,257	\$0	\$0	-\$552.141	\$0	\$552,141
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12	1589	\$0 \$0	\$	60 -\$10,623,257 60 \$0	\$0 \$0	\$10,623,257	\$0 \$0	\$0	-\$552,141	\$0	\$552,141
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery											
Variance - Ontario Clean Energy Benefit Act <sup>3</sup>	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Capital Charges	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - P & OPEB	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508 1508					\$0 \$0					\$0
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Deferr Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508					\$0					\$0
Variance Account	1508					\$0					φ0 \$0
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Acco	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Payr	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Accoun	1508					\$0					\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Deferral Account	1508					\$0					\$0
Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508					\$0					\$0
Retail Cost Variance Account - Retail	1518					\$0					\$0
Misc. Deferred Debits	1525					\$0					\$0
Retail Cost Variance Account - STR	1548					\$0					\$0
Board-Approved CDM Variance Account	1567					\$0					\$0

						2011					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-11	Transactions(1) Debit/ (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments(2) during 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	OEB-Approved Disposition during 2011	Interest Adjustments(1) during 2011	Closing Interest Amounts as of Dec-31-11
Extra-Ordinary Event Costs	1572					\$0					\$0
Deferred Rate Impact Amounts	1574					\$0					\$0
RSVA - One-time	1582					\$0					\$0
Other Deferred Credits	2425					\$0					\$0
Group 2 Sub-Total			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	-\$200,861	\$0	-\$200,861		\$0	-\$9,902	-\$2,953	-\$12,855		\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592					\$0					\$0
Total of Group 1 and Group 2 Accounts (including 1592)		-\$200,861	\$0	-\$10,824,118	\$0	\$10,623,257	-\$9,902	-\$2,953	-\$564,996	\$0	\$552,141

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						2011					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-11	Transactions(1) Debit/ (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments(2) during 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	OEB-Approved Disposition during 2011	Interest Adjustments(1) during 2011	Closing Interest Amounts as of Dec-31-11
LRAM Variance Account <sup>11</sup>	1568					\$0					\$0
Total including Account 1568			\$0	-\$10,824,118	\$0	\$10,623,257	-\$9,902	-\$2,953	-\$564,996	\$0	\$552,141
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531					\$0					\$0
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532					\$0					\$0
Renewable Generation Connection Funding Adder Deferral Account	1533					\$0					\$0
Smart Grid Capital Deferral Account	1534					\$0					\$0
Smart Grid OM&A Deferral Account	1535					\$0					\$0
Smart Grid Funding Adder Deferral Account	1536					\$0					\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555					\$0					\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555					\$0					\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555					\$0					\$0
Smart Meter OM&A Variance <sup>4</sup>	1556					\$0					\$0
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557										
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>5</sup>	1575					\$0					
Accounting Changes Under CGAAP Balance + Return Component⁵	1576										

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.

For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year. Do not include interest, adjustments, or OEB approved dispositions in this column.

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. As per the January 6, 2011 Letter from the OEB regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of January 1, 2011 will require a variance account for OCEB purposes... The Board expects that any principal balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be addressed through the monthly settlement process with the IESO or the host distributor, as applicable."

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variance Account rate rider. For details on how to dispose of balances in Smart Meter accounts see the OEB's Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

The OEB requires that disposition of Account 1576 and Account 1576 shall require the use of separate rate riders. In the "Adjustments during 2016" column of the continuity schedule, please enter the amounts to be included in the Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line "Amount included in Deferral and Variance Account Rate Rider Calculation".

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have been approved for disposition in a previous decision. Report these account balances in the continuity schedule if this is the case and leave the checkbox "Check to Dispose of Account" in the Total Claim column unchecked.

If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 31, 2017 on the December 31, 2016 balances adjusted for the disposed balances approved by the OEB in the 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 2017 to April 30, 2018 on the December 31, 2016 balances adjusted for the disposed interest balances approved by the OEB in the 2017 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are 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 the "OEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. The two are not to be netted together and recorded in one column in the first year.

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 Total Claims column fit the account is requested for disposition.

As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject to a materiality threshold. If the materiality shreshold is met, per the APH March 2015 Guidance, the Direct Benefits portion of Account 1531 should be included in the DVA continuity schedule to be requested for disposition. In this continuity schedule, Account 1531 is listed for reference only. Account 1532 is included in the Group 2 allocation of balances that are used to calculate the rate riders. Only input the Direct Benefits portion of the account 1560 is account 1532 is included in the Group 2 allocation of balances that are used to calculate the rate riders. Only input the Direct Benefits portion of the account balances in this continuity schedule. Account 1560 RSVA WIMS balance inputted into this schedule is to exclude any amounts relating to CBR. CBR amounts are to be inputted into Account 1560, sub-account SCR Class A and 8 separately. There is no disposition of Account 1560, sub-account 156

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate riders will be calculated in the DVA continuity schedule.

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1589* and 1589, applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in Accounts 1589 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 Aglustment 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 being 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.

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## eferral/Variance Account Workforn

This continuity schedule must be completed for each account and sub-account that the uttart inputting data from the year in which the GL balance was last disposed. For example, if in the 2017; 2014 balance in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting 2014 when the relevant balances approved for disposition was first transferred into Account 1595 (20e provided starting from the vintage year. For any new accounts that have never been disposed, start

						2012					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-12	Transactions(1) Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments(2) during 2012	Closing Principal Balance as of Dec-31-12	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	OEB-Approved Disposition during 2012	Interest Adjustments(2) during 2012	Closing Interest Amounts as of Dec-31-12
Group 1 Accounts											
LV Variance Account	1550	\$0				\$0	\$0				\$0
Smart Metering Entity Charge Variance Account	1551										
RSVA - Wholesale Market Service Charge <sup>9</sup>	1580	\$0				\$0	\$0				\$0
Variance WMS – Sub-account CBR Class A <sup>9</sup>	1580										
Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580										
RSVA - Retail Transmission Network Charge	1584	\$0				\$0	\$0				\$0
RSVA - Retail Transmission Connection Charge	1586	\$0				\$0	\$0				\$0
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588	\$0				\$0	\$0				\$0
RSVA - Global Adjustment 12	1589	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	1595	\$10,623,257	\$9,285,458	\$21,566,079		-\$1,657,364	\$552,141	-\$103,169	-\$782.598		\$1,231,570
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	\$10,023,237	\$5,200,400	\$21,500,079		\$0,007,304	\$0		-9702,390		\$1,231,370
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$0				\$0 \$0					
	1595										\$0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>		\$0				\$0					\$0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	1595	\$0				\$0	\$0				\$0
Not to be disposed of until a year after rate rider has expired and that balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$10,623,257 \$10,623,257	\$9,285,458 \$9,285,458	\$21,566,079 \$21,566,079	\$0 \$0	-\$1,657,364 -\$1,657,364	\$552,141 \$552,141	-\$103,169 -\$103,169	-\$782,598 -\$782,598	\$0 \$0	\$1,231,570 \$1,231,570
RSVA - Global Adjustment 12	1589	\$10,623,257	\$9,200,400 \$0	\$21,566,079	\$0	-\$1,657,364 \$0	\$552,141		-\$762,596 \$0		\$1,231,570
NOVA - Global Adjustinent 12	1003	90	ΨΟ	Ģ0	Ģ0	90	ΨΟ	ΨΟ	ΨΟ	Ģ0	ψυ
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Deferred it RS Transition Costs  Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$0				\$0					\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery	.000	\$0				Ģ0	ΨΟ				ΨΟ
Variance - Ontario Clean Energy Benefit Act <sup>3</sup>	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Capital Charges	1508	\$0				\$0					\$0
Other Regulatory Assets - Sub-Account - P & OPEB	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account	1508	\$0				\$0					\$0
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account	1508	\$0				\$0					\$0
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Deferr	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508	\$0				\$0	\$0				\$0
Variance Account	1508 1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Accol Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Payr	1508 1508	\$0 \$0				\$0 \$0	\$0 \$0				\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Payr  Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Account	1508	\$0				\$0	\$0 \$0				\$0 \$0
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Account	1508	\$0				\$0					\$0 \$0
Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508	\$0				\$0					\$0
Retail Cost Variance Account - Retail	1518	\$0				\$0	\$0				\$0
Misc. Deferred Debits	1525	\$0				\$0	\$0				\$0
Retail Cost Variance Account - STR	1548	\$0				\$0					\$0
Board-Approved CDM Variance Account	1567	\$0				\$0	\$0				\$0

						2012					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-12	Transactions(1) Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments(2) during 2012	Closing Principal Balance as of Dec-31-12	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	OEB-Approved Disposition during 2012	Interest Adjustments(2) during 2012	Closing Interest Amounts as of Dec-31-12
Extra-Ordinary Event Costs	1572	\$0				\$0	\$0				\$0
Deferred Rate Impact Amounts	1574	\$0				\$0	\$0				\$0
RSVA - One-time	1582	\$0				\$0	\$0				\$0
Other Deferred Credits	2425	\$0				\$0	\$0				\$0
Group 2 Sub-Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$0				\$0	\$0				\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0				\$0	\$0				\$0
Total of Group 1 and Group 2 Accounts (including 1592)		\$10,623,257	\$9,285,458	\$21,566,079	\$0	-\$1,657,364	\$552,141	-\$103,169	-\$782,598	\$0	\$1,231,570

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						2012					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-12	Transactions(1) Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments(2) during 2012	Closing Principal Balance as of Dec-31-12	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	OEB-Approved Disposition during 2012	Interest Adjustments(2) during 2012	Closing Interest Amounts as of Dec-31-12
LRAM Variance Account <sup>11</sup>	1568	\$0				\$0	\$0				\$0
Total including Account 1568		\$10,623,257	\$9,285,458	\$21,566,079	\$0	-\$1,657,364	\$552,141	-\$103,169	-\$782,598	\$0	\$1,231,570
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531	\$0				\$0	\$0				\$0
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532	\$0				\$0	\$0				\$0
Renewable Generation Connection Funding Adder Deferral Account	1533	\$0				\$0	\$0				\$0
Smart Grid Capital Deferral Account	1534	\$0				\$0	\$0				\$0
Smart Grid OM&A Deferral Account	1535	\$0				\$0	\$0				\$0
Smart Grid Funding Adder Deferral Account	1536	\$0				\$0	\$0				\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555	\$0				\$0	\$0				\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555	\$0				\$0	\$0				\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555	\$0				\$0	\$0				\$0
Smart Meter OM&A Variance <sup>4</sup>	1556	\$0				\$0	\$0				\$0
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557	1									
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>5</sup>	1575	\$0				\$0					Ī
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576	\$0				\$0					

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

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved die As per the January 6, 2011 Letter from the OEB regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Janua "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be address

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variant Smart Meter Disposition and Cost Recovery (G-2011-0001)

The OEB requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In th Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line "Amount included in Deferr

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have this is the case and leave the checkbox "Check to Dispose of Account" in the Total Claim column unchecked.

If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 20 the OFB in the 2017 rate decision

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be rec column. The two are not to be netted together and recorded in one column in the first year.

The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. (
Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally exper
Claims column if the account is requested for disposition.

As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 should be transferred to rate base. The Direct Benefits portion of Account 1532 should should be the Group 2 allocation of balances that are used to calculate account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CRR amount Account 1580, but account 1580, CRBs at, accounting guidance for this sub-account is to be followed. If a balance exist Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disp application, outside of this continuity schedule.

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants mu 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts wit impacts of the true-up claims will be to be shown in the Adjustment column in that year. Note that this true-up claim will be up claim was not reflected at the end of the last year of the account balance that was previously disposed, then no adjudisposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the Note that if a distributor has any balance in Account 1589 that pertains to Class A, this must be excluded from the bala

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# eferral/Variance Account Workforn

This continuity schedule must be completed for each account and sub-account that the ul data from the year in which the GL balance was last disposed. For example, if in the 2017 in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting the relevant balances approved for disposition was first transferred into Account 1595 (20 starting from the vintage year. For any new accounts that have never been disposed, start

						2013								
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-13	Transactions(1) Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments(2) during 2013	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13	Interest Jan-1 to Dec-31-13	OEB-Approved Disposition during 2013	Interest Adjustments(2) during 2013	Closing Interest Amounts as of Dec-31-13	Opening Principal Amounts as of Jan 1-14	Transactions(1) Debit - / (Credit) during 2014	OEB-Approved Disposition during 2014
Group 1 Accounts														
LV Variance Account	1550	\$0				\$0	\$0				\$0			
Smart Metering Entity Charge Variance Account	1551	\$0				\$0					\$0			
RSVA - Wholesale Market Service Charge <sup>9</sup>	1580	\$0				\$0	\$0	)			\$0	\$0		
Variance WMS – Sub-account CBR Class A <sup>9</sup>	1580													
Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580													
RSVA - Retail Transmission Network Charge	1584	\$0				\$0					\$0			
RSVA - Retail Transmission Connection Charge	1586	\$0				\$0					\$0			
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588	\$0				\$0					\$0			
RSVA - Global Adjustment 12	1589	\$0				\$0					\$0	\$0		
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595	\$0				\$0	\$0				\$0	\$0		
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>	1595	\$0				\$0	\$0	)			\$0	\$0		
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	1595	\$0				\$0	\$0	)			\$0	\$0		
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	1595	-\$1.657.364	-\$911.616			-\$2,568,980	\$1,231,570	-\$39.403			\$1,192,167	-\$2,568,980	-\$365.195	
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>7</sup>	1595	\$0	-\$11.831			-\$11,831	\$0	-\$138.505			-\$138,505	-\$11,831	-\$236.158	
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>7</sup>	1595	\$0	\$11,001			\$0					\$0	\$0		
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>	1595	\$0				\$0					\$0			
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	1595	\$0				\$0					\$0			
Not to be disposed of until a year after rate rider has expired and that balance has been audite		<b>40</b>				φυ	φυ	,			<b>40</b>	φυ		
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12	1589	-\$1,657,364 -\$1,657,364 \$0	-\$923,447 -\$923,447 \$0	\$0 \$0 \$0	\$0 \$0		\$1,231,570 \$1,231,570 \$0	-\$177,908	\$0	\$0	\$1,053,662	-\$2,580,811	-\$1,233,115 -\$1,233,115 \$0	\$1
Group 2 Accounts														
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$0			\$1,112,829	\$1,112,829	\$0	)		\$30,741	\$30,741	\$1,112,829	\$110,160	
Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery	1508	\$0				\$0	\$0				\$0	\$0		
Variance - Ontario Clean Energy Benefit Act <sup>3</sup>	1508	\$0				\$0	\$0	)			\$0	\$0		
Other Regulatory Assets - Sub-Account - Capital Charges	1508	\$0			-\$86	-\$86	\$0			\$1,385	\$1,385			
Other Regulatory Assets - Sub-Account - P & OPEB	1508	\$0			\$3,109,795		\$0				\$0			
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508	\$0				\$0	\$0				\$0			
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account		\$0				\$0	\$0				\$0			
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account	1508	\$0				\$0					\$0			
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508	\$0 \$0				\$0 \$0					\$0			
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Deferr Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508 1508	\$0 \$0				\$0 \$0					\$0 \$0	\$0 \$0		
Variance Account	1508	\$0				\$0					\$0			
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Account		\$0				\$0					\$0			
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Payr		\$0				\$0					\$0			
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Accoun		\$0				\$0					\$0			
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Deferral Account		\$0				\$0					\$0			
Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508	\$0				\$0	\$0				\$0			
Retail Cost Variance Account - Retail	1518	\$0			-\$286,799	-\$286,799	\$0			-\$36,736		-\$286,799		
Misc. Deferred Debits Retail Cost Variance Account - STR	1525 1548	\$0 \$0			\$1,288,821	\$0 \$1,288,821	\$0 \$0			\$68,243	\$0 \$68,243	\$0 \$1,288,821	\$408.439	

						2013								Tab 1
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-13	Transactions(1) Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments(2) during 2013	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13	Interest Jan-1 to Dec-31-13	OEB-Approved Disposition during 2013	Interest Adjustments(2) during 2013	Closing Interest Amounts as of Dec-31-13	Opening Principal Amounts as of Jan- 1-14	- / (Credit) during 2014	Schedule 1 Charle of 921 (A) ORIGINAL Page 11 of 40
Extra-Ordinary Event Costs	1572	\$0				\$0	\$0				\$0	\$0		age 11 01 40
Deferred Rate Impact Amounts	1574	\$0				\$0	\$0				\$0	\$0		
RSVA - One-time	1582	\$0				\$0	\$0				\$0	\$0		
Other Deferred Credits	2425	\$0				\$0	\$0				\$0	\$0		
Group 2 Sub-Total		\$0	\$0	\$0	\$5,224,560	\$5,224,560	\$0	\$0	\$0	\$63,633	\$63,633	\$5,224,560	\$1,795,508	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$0				\$0	\$0				\$0	\$0		
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0			-\$544,683	-\$544,683	\$0				\$0	-\$544,683		
Total of Group 1 and Group 2 Accounts (including 1592)		-\$1,657,364	-\$923,447	\$0	\$4,679,877	\$2,099,066	\$1,231,570	-\$177,908	\$0	\$63,633	\$1,117,295	\$2,099,066	\$562,393	\$0

						2013								Tab 1
Account Descriptions	Account Number	Opening Principal Amounts as of Jan- 1-13	Transactions(1) Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments(2) during 2013	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13	Interest Jan-1 to Dec-31-13	OEB-Approved Disposition during 2013	Interest Adjustments(2) during 2013	Closing Interest Amounts as of Dec-31-13	Opening Principal Amounts as of Jan 1-14	Transactions(Attac - / (Credit) during 2014	Schedule 1 hafearge (A ORIGINAL Page 12 of 40
														age 12 01 40
LRAM Variance Account <sup>11</sup>	1568	\$0			-\$678,660	-\$678,660	\$0			-\$583	-\$583	-\$678,660		
Total including Account 1568		-\$1,657,364	-\$923,447	\$0	\$4,001,217	\$1,420,406	\$1,231,570	-\$177,908	\$0	\$63,050	\$1,116,712	\$1,420,406	\$562,393	\$0
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531	\$0				\$0	\$0				\$0	\$0		
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532	\$0			\$408,537	\$408,537	\$0			\$17,013	\$17,013	\$408,537		
Renewable Generation Connection Funding Adder Deferral Account	1533	\$0				\$0	\$0				\$0	\$0		
Smart Grid Capital Deferral Account	1534	\$0				\$0	\$0				\$0	\$0		
Smart Grid OM&A Deferral Account	1535	\$0			\$188,477	\$188,477	\$0			\$7,842	\$7,842			
Smart Grid Funding Adder Deferral Account	1536	\$0				\$0	\$0				\$0	\$0		
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555	\$0				\$0	\$0				\$0	\$0		
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555	\$0			-\$19,431,245	-\$19,431,245	\$0				\$0	-\$19,431,245	\$19,431,245	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555	\$0				\$0	\$0				\$0	\$0	-\$2,986,888	
Smart Meter OM&A Variance <sup>4</sup>	1556	\$0			\$18,896,100	\$18,896,100	\$0			-\$509,395	-\$509,395	\$18,896,100	-\$18,386,705	
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557											\$0		
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component⁵	1575	\$0				\$0						\$0		
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576	\$0				\$0						\$0		

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

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved die As per the January 6, 2011 Letter from the OEB regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Janua "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be address

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variana Smart Meter Disposition and Cost Recovery (G-2011-0001)

The OEB requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In the Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line \*Amount included in Deferr

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have this is the case and leave the checkbox 'Check to Dispose of Account' in the Total Claim column unchecked.

If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 20 the OFB in the 2017 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be rec column. The two are not to be netted together and recorded in one column in the first year.

The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. ( Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expec Claims column if the account is requested for disposition.

As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 should be transferred to rate base. The Direct Benefits portion of Account 1532 should should be the Group 2 allocation of balances that are used to calculate account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CRR amount Account 1580, but account 1580, CRBs at, accounting guidance for this sub-account is to be followed. If a balance exist Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disp application, outside of this continuity schedule.

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants mu 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts wit impacts of the true-up claims will be to be shown in the Adjustment column in that year. Note that this true-up claim will ne up claim was not reflected at the end of the last year of the account balance that was previously disposed, then no adjudisposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the Note that if a distributor has any balance in Account 1589 that pertains to Class A, this must be excluded from the bala

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#### oard

# eferral/Variance Account Workforn

This continuity schedule must be completed for each account and sub-account that the ul data from the year in which the GL balance was last disposed. For example, if in the 2017 I in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting the relevant balances approved for disposition was first transferred into Account 1595 (20 starting from the vintage year. For any new accounts that have never been disposed, start

Account Descriptions    Principal Number   Principa																
Account Descriptions  Account Interest part of large 2014  Interest part o				2014										2015		
Virtual Account   1550	Account Descriptions		Adjustments(2)	Principal Balance as of	Interest Amounts as of		Disposition	Adjustments(2)	Amounts as of	Principal Amounts as of Jan-	Debit / (Credit)	Disposition during	Adjustments(2)	Principal Balance as of	Interest Amounts as of	Interest Jan-1 to Dec-31-15
Smart Merken Schrige Charge Variance Account 1551 \$43,807 \$43,077 \$0 \$3,577 \$3,577 \$3,577 \$45,007 \$1,577 \$1	Group 1 Accounts															
RSVA - Robat Transmission Comment (New Sub-account CBR Class 8" 1590   58,182,143   59,182,143   50   520,777   50   50,042   50   50   50   50   50   50   50   5																\$1,741
Varience WMS - Sich account CR Claims A**  1980	Smart Metering Entity Charge Variance Account	1551	\$43,607	\$43,607	\$0			\$3,573	\$3,573	\$43,607	-\$193,675			-\$150,068	\$3,573	-\$262
Varience MVISS - Sub-account CRR Class 8° 1500   15	RSVA - Wholesale Market Service Charge <sup>9</sup>	1580	-\$6,182,143	-\$6,182,143	\$0			-\$287,978	-\$287,978	-\$6,182,143	-\$15,345,233			-\$21,527,376	-\$287,978	-\$117,550
RSVA- Retail Transmission Network Charge		1580								\$0	\$90,421			\$90,421	\$0	\$318
RSVA - Power (conduction Charge RSVA - Power (conduction Global Adjustment) 1588 S44,550,028 S4,550,028 S4,550,028 S52,014 S4,550,028 S1,703 S52,014 S	Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580								\$0	\$1,790,495			\$1,790,495	\$0	\$5,866
REVA - Power (certuing Global Adjustment)   1588	RSVA - Retail Transmission Network Charge	1584	-\$1,524,161	-\$1,524,161	\$0			-\$28,857	-\$28,857	-\$1,524,161	-\$66,469			-\$1,590,630	-\$28,857	-\$17,006
REVA - Clobal Adjustment 12   1589   \$12,168,610   \$12,168,610   \$0   \$7,678   \$7,776   \$12,168,610   \$5,049,342   \$5,219,268   \$7,778   \$10,0000   \$1,0000		1586	-\$1,696,632	-\$1,696,632	\$0			-\$61,703	-\$61,703	-\$1,696,632	\$162,829			-\$1,533,803	-\$61,703	-\$15,981
Disposition and Recovery/Refund of Regulatory Balanoses (2010)*   1595   50   50   50   50   50   50   50	RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588	-\$4,550,928	-\$4,550,928	\$0			-\$82,014	-\$82,014	-\$4,550,928	-\$1,799,204			-\$6,350,132	-\$82,014	-\$45,929
Dasposition and Recovery/Refund of Regulatory Balances (2010) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2011) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2012) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2012) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2013) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2013) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2014) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2014) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2014) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2015) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2015) 1595 Dasposition and Recovery/Refund of Regulatory Balances (2016) 1595 Dasposition and Recovery Refund of Regulatory Balances (2016) 1595 Dasposition and Recovery Refund of Regulatory Balances (2016) 1595 Dasposition and Recovery Refund of Regulatory Balances (2016) 1595 Dasposition and Recovery Refund of R	RSVA - Global Adjustment 12	1589	\$12,168,610	\$12,168,610	\$0			\$7,678	\$7,678	\$12,168,610	-\$6,949,342			\$5,219,268	\$7,678	\$91,674
Disposition and Recovery/Refund of Regulatory Balances (2010)   1955   50   50   50   50   50   50   50	Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595		\$0	\$0				\$0	\$0				\$0	\$0	
Deposition and Recovery/Refund of Regulatory Balances (2011)   1995   50   50   50   50   50   50   50	Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>			\$0					\$0							
Disposition and Recovery/Refund of Regulatory Balances (2013)   59.5   5.22.40   5.3.124.09									\$0							
Disposition and Recovery/Refund of Regulatory Balances (2013)   1595   5,247,889   \$138,595   \$2,2460   \$140,985   \$31,435   \$431,						\$40.100			¢1 151 077		\$100.764					-\$35.524
Disposition and Recovery/Refund of Regulatory Balances (2014) 1505   580, 1505	· · · · · · · · · · · · · · · · · · ·					,										
Disposition and Recovery/Refund of Regulatory Balances (2015)   1995   50																-\$3,883
Disposition and Recovery/Refund of Regulatory Balances (2016)   1595   50   50   50   50   50   50   50						-\$131,435			-\$131,435		\$111,120					-\$6,517
Not to be disposed of until a year after rate rider has expired and that balance has been audited  Group 1 Sub-Total (including Account 1589 - Global Adjustment)  Style - Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)  Style - Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)  Style - Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)  Style - Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs  Style - Group 2 Account - Incremental Capital Charges  Style - Grou									\$0							
Group 1 Sub-Total (including Account 1589 - Global Adjustment)  St 1703,576				\$0	\$0				\$0	\$0				\$0	\$0	
Other Regulatory Assets - Sub-Account - Incremental Capital Charges 1508 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12	1589	-\$13,872,186	-\$17,686,112	\$1,053,662	-\$174,085	\$0	-\$456,635	\$422,942	-\$17,686,112	-\$15,260,199	\$0	\$0	-\$32,946,311	\$422,942	-\$143,053 -\$234,727 \$91,674
Other Regulatory Assets - Sub-Account - Incremental Capital Charges 1508 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Other Devilation Assists Out Assists Defended IEDO Toronillos Ocata	4500		64 000 000	600 744	640.004			647.545	64 000 000	6440.045			64 000 004	047.545	607 505
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act						\$16,804					\$140,945					\$27,505
Variance - Ontario Clean Energy Benefit Act <sup>2</sup> 1508         \$0         \$0           Other Regulatory Assets - Sub-Account - Capital Charges         1508         -\$86         \$1,385         \$1         \$1,384         -\$86         \$1,384         \$1,384         -\$86         \$1,384         -\$86         \$1,31,595         \$0		1506		\$0	φU				\$0	φ0				φυ	\$0	
Other Regulatory Assets - Sub-Account - Capital Charges 1508		1500		90	\$0				90	90				60	90	
Other Regulatory Assets - Sub-Account - P & OPEB 1508 \$4,431,595 \$0 \$0 \$4,431,595 \$0 \$0 \$4,431,595 \$0 \$0 \$4,431,595 \$0 \$0 \$0 \$4,431,595 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0						Ç1			Ψυ							-\$1
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost         1508         \$0         \$0         \$50,731         \$50,731         \$0           Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account         1508         \$0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>-91</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>						-91										
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account         1508         \$0											\$50.731					
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account         1508         \$0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$00,701</td><td></td><td></td><td></td><td></td><td></td></t<>											\$00,701					
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Deferr         1508         \$0									\$0							
Other Regulatory Assets - Sub-Account - New Facilities Deferral Account         1508         \$0	Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508		\$0	\$0				\$0	\$0				\$0	\$0	
Variance Account         50         \$0         \$0         \$0	Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Deferr															
	Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Account	1508		\$0	\$0				\$0	\$0				\$0	\$0	
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Payr 1508 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0									\$0							
Urter Regulatory Assets - Sub-Account - Revenue requirement Urinerential variance Account 1508 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0									\$0 \$0							
Other Regulatory Assets - 500-Account - Enticate y Adjustment investment and a 50 50 50 50 50 50 50 50 50 50 50 50 50									φ0 Φ0							
Other regulatory Assets - Sub-Account - Other Data Assessment Variance in Sub-Account - Other Data Assessment Variance Account - Retail Ost Variance Account - Ost Var						-\$4 533			-\$41 260		-\$30.487					-\$4,134
Recall Cody Variance Account - Netani						-ψ-,υυυ			\$0 \$0		-955,467					-ψ-τ, 104
						\$21,737			\$89.980		\$314.008					\$22,121
Board-Approved CDM Variance Account         1567         \$0         \$0         \$0         \$0         \$0																

			2014										2015		Tab 1
Account Descriptions	Account Number	Principal Adjustments(2) during 2014	Closing Principal Balance as of Dec-31-14	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	OEB-Approved Disposition during 2014	Interest Adjustments(2) during 2014	Closing Interest Amounts as of Dec-31-14	Opening Principal Amounts as of Jan- 1-15	Transactions(1) Debit/(Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments(2) during 2015	Closing Principal Balance as of Dec-31-15	Attachmen  Amounts as OR  Jan-1-15	edule 1 t-9-1-(A) IGNAL 14 of 40
Extra-Ordinary Event Costs	1572		\$0	\$0				\$0	\$0				\$0	r age	14 01 40
Deferred Rate Impact Amounts	1574		\$0	\$0				\$0	\$0				\$0	\$0	
RSVA - One-time	1582		\$0	\$0				\$0	\$0				\$0	\$0	
Other Deferred Credits	2425		\$0	\$0				\$0	\$0				\$0	\$0	
Group 2 Sub-Total		\$0	\$7,020,068	\$63,633	\$34,007	\$0	\$0	\$97,640	\$7,020,068	\$466,197	\$0	\$0	\$7,486,265	\$97,640	\$45,825
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592		\$0	\$0				\$0	\$0				\$0	\$0	
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592		-\$544,683	\$0				\$0	-\$544,683				-\$544,683	\$0	-\$32,295
Total of Group 1 and Group 2 Accounts (including 1592)		-\$1,703,576	\$957,883	\$1,117,295	-\$140,078	\$0	-\$448,957	\$528,261	\$957,883	-\$21,743,344	\$0	\$0	-\$20,785,461	\$528,261	-\$129,523

_			2014										2015		Tab 1
Account Descriptions	Account Number	Principal Adjustments(2) during 2014	Closing Principal Balance as of Dec-31-14	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	OEB-Approved Disposition during 2014	Interest Adjustments(2) during 2014	Closing Interest Amounts as of Dec-31-14	Opening Principal Amounts as of Jan- 1-15	Transactions(1) Debit/(Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments(2) during 2015	Closing Principal Balance as of Dec-31-15	Attachmen  Amounts as of R  Jan-1-15	ledule 1 4.9.1.(A.) 161NAL 15 of 40
LRAM Variance Account <sup>11</sup>								****		2500 000				_	
LRAW Variance Account	1568		-\$678,660	-\$583				-\$583	-\$678,660	\$528,677			-\$149,983	-\$583	-\$8,084
Total including Account 1568		-\$1,703,576	\$279,224	\$1,116,712	-\$140,078	\$0	-\$448,957	\$527,677	\$279,224	-\$21,214,667	\$0	\$	-\$20,935,443	\$527,677	-\$137,607
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531		\$0	\$0				\$0	\$0				\$0	\$0	
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532		\$408,537	\$17,013	\$6,006			\$23,019	\$408,537				\$408,537	\$23,019	\$4,867
Renewable Generation Connection Funding Adder Deferral Account	1533		\$0	\$0				\$0	\$0				\$0	\$0	
Smart Grid Capital Deferral Account	1534		\$0	\$0				\$0	\$0				\$0		
Smart Grid OM&A Deferral Account	1535		\$188,477	\$7,842	\$2,771			\$10,613	\$188,477				\$188,477		\$2,245
Smart Grid Funding Adder Deferral Account	1536		\$0	\$0				\$0	\$0				\$0		
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555		\$0	\$0				\$0	\$0				\$0	\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555		-\$0	\$0				\$0	-\$0				-\$0	\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555		-\$2,986,888	\$0				\$0	-\$2,986,888	-\$2,986,888			-\$5,973,776	\$0	
Smart Meter OM&A Variance <sup>4</sup>	1556		\$509,395	-\$509,395				-\$509,395	\$509,395				\$509,395	-\$509,395	
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557		\$0	\$0				\$0	\$0				\$0	\$0	
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>5</sup>	1575		\$0						\$0				\$0		
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576		\$0 \$0						\$0				\$0		
Accounting Changes Under COAAP balance + Return Component	1376		\$0						\$0				\$0		

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

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

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Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Varianx Smart Meter Disposition and Cost Recovery (G-2011-0001)

The OEB requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In the Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line "Amount included in Deferr

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have this is the case and leave the checkbox 'Check to Dispose of Account' in the Total Claim column unchecked.

If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 20 the OFB in the 2017 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be rec column. The two are not to be netted together and recorded in one column in the first year.

The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. ( Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expec Claims column if the account is requested for disposition.

As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 should be transferred to rate base. The Direct Benefits portion of Account 1532 should still be forcing 2 allocation of balances that are used to calculate account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CRR amount Account 1580, but account 1580 RCIsas A, accounting guidance for this sub-account is to be followed. If a balance exist Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disp application, outside of this continuity schedule.

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants mu. 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts wit impacts of the true-up claims will be to be shown in the Adjustment column in that year. Note that this true-up claims will not up claim will be up claim will

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### eferral/Variance Account Workforn

This continuity schedule must be completed for each account and sub-account that the ul data from the year in which the GL balance was last disposed. For example, if in the 2017 I in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting the relevant balances approved for disposition was first transferred into Account 1595 (20 starting from the vintage year. For any new accounts that have never been disposed, start

									2016						
		1							2010						Delevelari.
Account Descriptions	Account Number	OEB-Approved Disposition during 2015	Interest Adjustments(2) during 2015	Closing Interest Amounts as of Dec-31-15	Opening Principal Amounts as of Jan- 1-16	Transactions(1) Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments(2) during 2016	Closing Principal Balance as of Dec-31-16	Opening Interest Amounts as of Jan-1-16	Interest Jan-1 to Dec-31-16	OEB-Approved Disposition during 2016	Interest Adjustments(2) during 2016	Closing Interest Amounts as of Dec-31-16	Principal Disposition during 2017 - instructed by OEB
Group 1 Accounts															
LV Variance Account	1550			\$2,085	\$220,372	-\$302,419	\$38,071		-\$120,118	\$2,085	\$771	\$798		\$2,058	\$182,301
Smart Metering Entity Charge Variance Account	1551			\$3,311	-\$150,068	-\$96,084	\$43,607		-\$289,759	\$3,311	-\$2,632	\$4,093		-\$3,414	-\$193,675
RSVA - Wholesale Market Service Charge <sup>9</sup>	1580			-\$405,528	-\$21,527,376	-\$7,002,178	-\$6,182,143		-\$22,347,411	-\$405,528	-\$210,453	-\$361,700		-\$254,281	-\$15,345,233
Variance WMS – Sub-account CBR Class A <sup>9</sup>	1580			\$318	\$90,421	-\$90,421			\$0	\$318	-\$318			\$0	
Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580			\$5,866	\$1,790,495	-\$351,426			\$1,439,069	\$5,866	\$16,367			\$22,233	\$1,790,49
RSVA - Retail Transmission Network Charge	1584			-\$45,863	-\$1,590,630	\$9,935	-\$1,524,161		-\$56,534	-\$45,863	-\$1,691	-\$47,032		-\$522	-\$66,469
RSVA - Retail Transmission Connection Charge	1586			-\$77,684	-\$1,533,803	-\$2,572,072	-\$1,696,632		-\$2,409,243	-\$77,684	-\$10,784	-\$81,936		-\$6,532	\$162,829
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588			-\$127,943	-\$6,350,132	\$2,796,072	-\$4,550,928		\$996,868	-\$127,943	\$5,655	-\$136,284		\$13,996	-\$1,799,204
RSVA - Global Adjustment 12	1589			\$99,352	\$5,219,268	-\$3,678,002	\$12,168,610		-\$10,627,344	\$99,352	-\$65,620	\$152,789		-\$119,057	-\$6,949,342
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595			\$0	\$0				\$0	\$0				\$0	
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>	1595			\$0	\$0				\$0	\$0				\$0	
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	1595			\$0	\$0				\$0	\$0				\$0	
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	1595			\$1,116,453	-\$3,124,939	\$1.539	-\$2.934.176		-\$189,224	\$1,116,453	-\$2,322	\$1,116,986		-\$2.855	-\$190,764
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	1595										-\$2,322 -\$110				
				-\$144,848	-\$250,009	-\$14,011	-\$247,989		-\$16,031	-\$144,848		-\$143,922		-\$1,036	-\$2,020
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>7</sup>	1595 1595			-\$137,952	-\$520,642	-\$77,471	-\$631,762		\$33,649	-\$137,952	\$636	-\$138,969		\$1,653	\$111,120
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>				\$0	\$0				\$0	\$0				\$0	
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	1595			\$0	\$0	\$5,020,832	\$4,949,683		\$71,149	\$0	-\$25,015	\$9,584		-\$34,599	
Not to be disposed of until a year after rate rider has expired and that balance has been aud	lited														
		I		****				\$0		****				****	
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0 \$0			-\$27,727,043 -\$32,946,311	-\$6,355,706 -\$2,677,704	-\$567,820 -\$12,736,430	\$0		\$287,567 \$188,215	-\$295,516 -\$229,896	\$374,407 \$221,618	\$0 \$0		-\$22,299,962 -\$15,350,620
RSVA - Global Adjustment 12	1589	\$0			\$5,219,268	-\$2,677,704 -\$3,678,002	\$12,736,430 \$12,168,610	\$0		\$188,215	-\$229,896 -\$65,620	\$221,618	\$0 \$0		-\$15,350,620
KOVA - Global Adjustillelit 12	1505	\$0	40	955,332	\$5,219,200	-\$3,076,002	\$12,100,010	y.	-\$10,027,344	φ55,33 <u>2</u>	-905,020	\$102,709	90	-\$115,007	-90,949,042
Group 2 Accounts															
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508			\$75,050	\$1,363,934		\$1,363,934		-\$0	\$75,050		\$75.049		\$1	
Other Regulatory Assets - Sub-Account - Deferred IPRS Transition Costs  Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508			\$75,050	\$1,363,934	-\$502.482	-\$502.482		\$0	\$75,050		\$75,049		\$0	
Other Regulatory Assets - Sub-Account - Inclemental Capital Charges  Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery	1300			φυ	φU	-9302,402	*\$302,402		\$0	Ψ0				φυ	
Variance - Ontario Clean Energy Benefit Act <sup>3</sup>	1508			\$0	\$0				\$0	\$0				\$0	
Other Regulatory Assets - Sub-Account - Capital Charges	1508			\$1,383	-\$86		-\$86		\$0	\$1,383		\$1,385		-\$2	
Other Regulatory Assets - Sub-Account - P & OPEB	1508			ψ1,383 \$0	\$4,431,595	\$147.000	\$4,431,595		\$147,000	\$0		ψ1,505		\$0	
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508			\$334	\$50,731	\$117,000	<b>\$1,101,000</b>		\$50,731	\$334	\$558			\$892	
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account				\$0	\$0	\$225,388			\$225,388	\$0	\$1,139			\$1,139	
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account				\$0	\$0	,			\$0	\$0				\$0	
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508			\$0	\$0				\$0	\$0				\$0	
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Def				\$0	\$0				\$0	\$0				\$0	
Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508			\$0	\$0				\$0	\$0				\$0	
Variance Account	1508			\$0	\$0	\$548,080			\$548,080	\$0	\$44			\$44	
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Ac				\$0 \$0	\$0 \$0				\$0 \$0	\$0				\$0 \$0	
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Particle Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Account - Revenue Requirement - Revenue Requirement - Revenue Revenue Requirement - Revenue Requirement - Revenue R				\$0 \$0	\$0 \$0				\$0 \$0	\$0 \$0				\$0 \$0	
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Account - Reference Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Deferral Account				\$0 \$0	\$0				\$0	\$0				&U 20	
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Medianism Belefial Account - Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508			\$0	\$0	\$522.056			\$522,056	\$0	\$1,683			\$1,683	
Retail Cost Variance Account - Retail	1518			-\$45,403	-\$371,177	\$322,030	-\$331.689		-\$39,488	-\$45,403	-\$435	-\$45,224		-\$613	
Misc. Deferred Debits	1525			\$0	\$0		\$00.,000		\$0	\$0	Ç400	Ų 10,224		\$0	
Retail Cost Variance Account - STR	1548			\$112,101	\$2,011,268		\$1,697,259		\$314,009	\$112,101	\$3,454	\$110,220		\$5,336	
	1567								\$0		+-,.0.	T ,		+-,000	

									2016						Tab 1
Account Descriptions	Account Number	OEB-Approved Disposition during 2015	Interest Adjustments(2) during 2015	Closing Interest Amounts as of Dec-31-15	Opening Principal Amounts as of Jan- 1-16	Transactions(1) Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments(2) during 2016	Closing Principal Balance as of Dec-31-16	Opening Interest Amounts as of Jan-1-16	Interest Jan-1 to Dec-31-16	OEB-Approved Disposition during 2016	Interest Adjustments(2) during 2016	Clocing Interest Amounts as of Dec-31-16	ichedule 1 leptrografi(A) ORTOHAL e 17 of 40
Extra-Ordinary Event Costs	1572			\$0	\$0				\$0	\$0				\$0	C 17 01 40
Deferred Rate Impact Amounts	1574			\$0	\$0				\$0	\$0				\$0	
RSVA - One-time	1582			\$0	\$0				\$0	\$0				\$0	
Other Deferred Credits	2425			\$0	\$0				\$0	\$0				\$0	
Group 2 Sub-Total		\$0	\$0	\$143,465	\$7,486,265	\$940,042	\$6,658,531	\$6	\$1,767,776	\$143,465	\$6,444	\$141,430	\$0	\$8,479	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592			\$0	\$0				\$0	\$0				\$0	
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592			-\$32,295	-\$544,683		-\$544,683		-\$0	-\$32,295		-\$38,516		\$6,221	
Total of Group 1 and Group 2 Accounts (including 1592)		\$0	\$0	\$398,738	-\$20,785,461	-\$5,415,665	\$5,546,028	ş	-\$31,747,153	\$398,738	-\$289,072	\$477,321	\$0	-\$367,655	-\$22,299,962

									2016						Tab 1
Account Descriptions	Account Number	OEB-Approved Disposition during 2015	Interest Adjustments(2) during 2015	Closing Interest Amounts as of Dec-31-15	Opening Principal Amounts as of Jan- 1-16	Transactions(1) Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments(2) during 2016	Closing Principal Balance as of Dec-31-16	Opening Interest Amounts as of Jan-1-16	Interest Jan-1 to Dec-31-16	OEB-Approved Disposition during 2016	Interest Adjustments(2) during 2016	Clocking Interest Amounts as of Dec-31-16	ichedule legingunt DRIGHNAL ce 18 of 40
LRAM Variance Account <sup>41</sup>	1568			-\$8,667	-\$149,983	\$933,405	-\$678,660	\$7,281	\$1,469,364	-\$8,667	\$0	-\$8,677		\$10	C 10 01 40
Total including Account 1568		\$0	\$0	\$390,070	-\$20,935,443	-\$4,482,259	\$4,867,368	\$7,281	-\$30,277,789	\$390,070	-\$289,072	\$468,644	\$0	-\$367,646	-\$22,299,962
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531			\$0	\$0		\$0		\$0	\$0				\$0	
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532			\$27,886	\$408,537		\$408,537		-\$0	\$27,886		\$27,890		-\$4	
Renewable Generation Connection Funding Adder Deferral Account	1533			\$0	\$0		\$0		\$0	\$0		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$0	
Smart Grid Capital Deferral Account	1534			\$0	\$0		\$0		\$0	\$0				\$0	
Smart Grid OM&A Deferral Account	1535			\$12,858	\$188,477		\$188,477		-\$0	\$12,858		\$12,861		-\$3	
Smart Grid Funding Adder Deferral Account	1536			\$0	\$0		\$0		\$0	\$0				\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555			\$0	\$0		\$0		\$0	\$0				\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555			\$0	-\$0		\$0		-\$0	\$0				\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555			\$0	-\$5,973,776		-\$5,973,776		\$0	\$0				\$0	
Smart Meter OM&A Variance <sup>4</sup>	1556			-\$509,395	\$509,395		\$509,394		\$1	-\$509,395		-\$509,395		\$0	
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557			\$0	\$0				\$0	\$0				\$0	
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component⁵	1575				\$0				\$0						
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576	1			\$0				\$0						

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

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If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 2018 to OEB in the 2017 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be rec column. The two are not to be netted together and recorded in one column in the first year.

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As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 should be transferred to rate base. The Direct Benefits portion of Account 1532 should still be forcing 2 allocation of balances that are used to calculate account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CRR amount Account 1580, but account 1580 RCIsas A, accounting guidance for this sub-account is to be followed. If a balance exist Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disp application, outside of this continuity schedule.

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride

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This continuity schedule must be completed for each account and sub-account that the ut data from the year in which the GL balance was last disposed. For example, if in the 2017 in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting the relevant balances approved for disposition was first transferred into Account 1595 (20 starting from the vintage year. For any new accounts that have never been disposed, start

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 2016), check off the checkbox

If you had Class A customer(s) during this period, Tab 5.1 will be generated and applicants must complete the information pertaining to Class A customers.

If you had any customers classified as Classified at the population where the balance in 1580 sub-account CBH Class B accume 2015 and 2016, or 2016), check off the checkbox.

If you had Class A customer(s) during this period, Tab 5.3 wil Account 1580 sub-account CBR Class B will be disposed thro rider using information in Tab 5.3.

If you only had Class B customers during this period, the bala sub-account CBR Class B will be allocated and disposed with

	2	2017			Projected Intere	st on Dec-31-1	6 Balances		2.1.7 RRR		
Account Descriptions	Account Number			Closing Interest Balances as of Dec 31-16 Adjusted for Dispositions during 2017	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31 -16 balance adjusted for disposition during 2017 (6)	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017 (6)	Total Interest	Total Claim		As of Dec 31-16	Variance RRR vs. 2016 Balance (Principal + Interest)
Group 1 Accounts											
LV Variance Account	1550	\$3,292	-\$302,419	-\$1,234	-\$3,327		-\$4,560		-\$306,979.00	-\$118,060	-\$0
Smart Metering Entity Charge Variance Account	1551	-\$2,912	-\$96,084	-\$502	-\$1,057		-\$1,559		-\$97,643.20	-\$293,173	\$0
RSVA - Wholesale Market Service Charge <sup>9</sup>	1580	-\$60,708	-\$7,002,178	-\$193,573	-\$77,024		-\$270,597		-\$7,272,775.26	-\$22,601,693	-\$0
Variance WMS – Sub-account CBR Class A <sup>9</sup>	1580		\$0	\$0			\$0		\$0.00		\$0
Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580	\$25,562	-\$351,426	-\$3,329	-\$3,866		-\$7.195		-\$358,620,69	\$1,461,303	S1
RSVA - Retail Transmission Network Charge	1584	\$438	\$9.935	-\$960	\$109		-\$850		\$9.084.58	-\$57.056	-\$1
RSVA - Retail Transmission Connection Charge	1586	\$6.042	-\$2,572,072	-\$12.574	-\$28.293		-\$40.867		-\$2.612.939.08	-\$2,415,775	\$0
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588	-\$11.451	\$2,796,072	\$25,447	\$14,669	-\$1,462,534	-\$1,422,419		\$1,373,653,40	\$1,010,864	-\$0
RSVA - Global Adjustment <sup>12</sup>	1589	-\$129,880	-\$3,678,002	\$10,823	\$11,000	\$3,667,179	\$3,678,002		\$0.00	-\$10,746,402	-\$1
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595	-\$125,000	\$0	\$0,020		ψ5,007,175	\$0	<b>T</b> a	\$0.00	-910,740,402	SO.
Disposition and Recovery/Refund of Regulatory Balances (2003)	1595		\$0	\$0				Check to Dispose of Account Check to Dispose of Account	\$0.00		1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				**			• • • • • • • • • • • • • • • • • • • •				\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	1595		\$0	\$0			\$0		\$0.00	-\$4,919	-\$4,919
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	-\$2,633	\$1,540	-\$222			-\$222	Check to Dispose of Account	\$0.00	-\$187,163	\$4,916
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>7</sup>	1595	-\$948	-\$14,011	-\$88			-\$88	Check to Dispose of Account	\$0.00	-\$17,066	\$1
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>7</sup>	1595	\$2,239	-\$77,471	-\$586			-\$586	Check to Dispose of Account	\$0.00	\$35,302	-\$1
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>	1595		\$0	\$0			\$0	Check to Dispose of Account	\$0.00	\$0	\$0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	1595		\$71,149	-\$34,599			-\$34,599	Check to Dispose of Account	\$0.00	\$36,546	-\$4
Not to be disposed of until a year after rate rider has expired and that balance has been audit	ed										1
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-\$170,959	-\$11,214,967	-\$211,396	-\$98,788	\$2,204,644	\$1,894,460		-\$9,266,219.23	-\$33,897,293	60
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-\$41,079	-\$7,536,965	-\$222,220	-\$98,788	\$2,204,644 -\$1,462,534	-\$1,783,542		-\$9,266,219.23	-\$33,697,293 -\$23,150,891	-\$0 -\$7
RSVA - Global Adjustment 12	1589	-\$129,880	-\$7,536,965	\$10,823	-\$90,700 \$0	\$3,667,179	\$3,678,002		\$0.00	-\$23,150,691	-\$/ -\$1
NOVA - Global Adjustinent 12	1005	-\$123,000	-\$0,070,002	₩10,0 <u>2</u> 0	ΨΟ	ψ0,007,173	ψ5,070,002		ψ0.00	-910,740,402	- <b>\$</b> 1
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508		-\$0	\$1			\$1		\$0.38	\$0	-\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508		\$0	\$0			\$0		\$0.00	\$0	\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery											
Variance - Ontario Clean Energy Benefit Act <sup>3</sup>	1508		\$0	\$0			\$0		\$0.00		\$0
Other Regulatory Assets - Sub-Account - Capital Charges	1508		\$0	-\$2			-\$2	Check to Dispose of Account	\$0.00	\$0	\$2
Other Regulatory Assets - Sub-Account - P & OPEB	1508		\$147,000	\$0			\$0	Check to Dispose of Account	\$0.00	\$147,000	\$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508		\$50,731	\$892			\$892	Check to Dispose of Account	\$0.00	\$51,623	-\$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account		\$226,530	\$225,388	-\$225,391			-\$225,391	Check to Dispose of Account	\$0.00	\$226,527	\$0
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account	1508		\$0	\$0			\$0	☐Check to Dispose of Account	\$0.00		\$0
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508		\$0	\$0			\$0	Check to Dispose of Account	\$0.00		\$0
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Defer Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	r 1508 1508		\$0 \$0	\$0 \$0			\$0 \$0	Check to Dispose of Account	\$0.00 \$0.00		\$0
Variance Account  Variance Account	1508		\$548,080	\$0 \$44			\$0 \$44	Check to Dispose of Account Check to Dispose of Account	\$0.00	\$548,124	\$0
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Account			\$340,000	\$0			\$0	Check to Dispose of Account  Check to Dispose of Account	\$0.00	₩040, 124	\$0
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay			\$0	\$0			\$0	Check to Dispose of Account	\$0.00		\$0
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Account			\$0	\$0			\$0	Check to Dispose of Account	\$0.00		\$0
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Deferral Account	t 1508		\$0	\$0			\$0	Check to Dispose of Account	\$0.00		\$0
Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508		\$522,056	\$1,683			\$1,683	Check to Dispose of Account	\$0.00	\$523,739	\$0
Retail Cost Variance Account - Retail	1518		-\$39,488	-\$613		\$40,101	\$39,488		\$0.00	-\$40,100	\$1
Misc. Deferred Debits	1525		\$0	\$0			\$0	Check to Dispose of Account	\$0.00	\$0	\$0
Retail Cost Variance Account - STR	1548		\$314,009	\$5,336		-\$319,344	-\$314,009		\$0.00	\$319,343	-\$1
Board-Approved CDM Variance Account	1567		\$0	\$0			\$0		\$0.00		\$0

_		- 2	2017			Projected Inter	est on Dec-31-1	l6 Balances	2.1.7 RRR	Tab 1
Account Descriptions	Account Number	Interest Disposition during 2017 - instructed by OEB		31-16 Adjusted for	2017 to December 31, 2017 on	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017 (6)	Total Interest	Total Claim		Schedule   Chmětřing-1(A) RKRVS 2016 Balance (PrioRhGHNA)
Extra-Ordinary Event Costs	1572		\$0	\$0			\$0	*****		Page 20 of 40
Deferred Rate Impact Amounts RSVA - One-time	1574 1582		\$0 \$0	\$0 \$0			\$0	\$0.00 \$0.00		\$0
Other Deferred Credits	2425		\$0	\$0			\$0	☐Check to Dispose of Account \$0.00		\$0
Group 2 Sub-Total		\$226,530	\$1,767,776	-\$218,051	\$0	-\$279,243	-\$497,294	\$0.38	\$1,776,256	\$1
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592		\$0	\$0			\$0	\$0.00		\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$6,221	-\$0	\$0			\$0	-\$0.06	\$6,221	-\$0
Total of Group 1 and Group 2 Accounts (including 1592)		\$61,792	-\$9,447,191	-\$429,447	-\$98,788	\$1,925,401	\$1,397,166	-\$9,266,218.91	-\$32,114,816	-\$7

		- 2	2017			Projected Inter	est on Dec-31-1	6 Balances	2.1.7 RRR	Tab 1
Account Descriptions	Account Number	Interest Disposition during 2017 - instructed by OEB	Closing Principal Balances as of Dec 31-16 Adjusted for Dispositions during 2017	Balances as of Dec	Projected Interest from Jan 1, 2017 to December 31, 2017 on Dec 31 -16 balance adjusted for disposition during 2017 (6)	Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017 (6)	Total Interest	Total Claim		Schedule I chmering-1(A) chmering-1(A) chieffing-1(
LRAM Variance Account <sup>11</sup>	1568		\$1,469,364	\$10		-\$1,469,373	-\$1,469,364	\$0.00		_
Total including Account 1568		\$61,792	-\$7,977,827	-\$429,438	-\$98,788	\$456,028	-\$72,198	-\$9,266,218.91	-\$30,645,443	-\$9
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531		\$0	\$0			\$0	\$0.00		\$0
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532		-\$0	-\$4			-\$4	-\$4.65		\$5
Renewable Generation Connection Funding Adder Deferral Account	1533		\$0	\$0			\$0	\$0.00		\$0
Smart Grid Capital Deferral Account	1534		\$0	\$0			\$0	\$0.00		\$0
Smart Grid OM&A Deferral Account	1535		-\$0	-\$3			-\$3	-\$2.87		\$3
Smart Grid Funding Adder Deferral Account	1536		\$0	\$0			\$0	\$0.00		\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555		\$0	\$0			\$0	\$0.00		\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555		-\$0	\$0			\$0	-\$0.23		\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555		\$0	\$0			\$0	\$0.00		\$0
Smart Meter OM&A Variance <sup>4</sup>	1556		\$1	\$0			\$0	\$1.14		-\$1
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557		\$0	\$0			\$0	\$0.00		\$0
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>5</sup>	1575		\$0					Theck to Dispose of Account \$0.00		80
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576		\$0					Check to Dispose of Account \$0.00		\$0
Accounting changes onder CoAAr Balance - Return Component	1370		\$0					\$0.00		\$0

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

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dia. As per the January 6, 2011 Letter from the OEB regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Janua "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be address

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variant Smart Meter Disposition and Cost Recovery (G-2011-0001)

The OEB requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In th Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line "Amount included in Defer

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have this is the case and leave the checkbox 'Check to Dispose of Account' in the Total Claim column unchecked.

If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 20 the OFB in the 2017 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be rec column. The two are not to be netted together and recorded in one column in the first year.

The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. ( Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expec Claims column if the account is requested for disposition.

As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 should be transferred to rate base. The Direct Benefits portion of Account 1532 should still be forcing 2 allocation of balances that are used to calculate account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CRR amount Account 1580, but account 1580 RCIsas A, accounting guidance for this sub-account is to be followed. If a balance exist Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disp application, outside of this continuity schedule.

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants mu. 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts wit impacts of the true-up claims will be to be shown in the Adjustment column in that year. Note that this true-up claims will not up claim will be up claim will

oard

# eferral/Variance Account-Workforr uring the period ulated (i.e.

Il be generated. ough a rate

This continuity schedule must be completed for each account and sub-account that the unce in 1580 data from the year in which the GL balance was last disposed. For example, if in the 2017 Account 1580 in the Adjustment column under 2014. For each Account 1595 sub-account, start inputting the relevant balances approved for disposition was first transferred into Account 1595 (20 starting from the vintage year. For any new accounts that have never been disposed, start

Account Descriptions	Account
Group 1 Accounts	
LV Variance Account	1550
Smart Metering Entity Charge Variance Account	1551
RSVA - Wholesale Market Service Charge <sup>9</sup>	1580
Variance WMS – Sub-account CBR Class A <sup>9</sup>	1580
Variance WMS – Sub-account CBR Class B <sup>9</sup>	1580
RSVA - Retail Transmission Network Charge	1584
RSVA - Retail Transmission Connection Charge	1586
RSVA - Power (excluding Global Adjustment) <sup>12</sup>	1588
RSVA - Global Adjustment 12	1589
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>7</sup>	1595
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>7</sup>	1595
Not to be disposed of until a year after rate rider has expired and that balance has been audit Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)	
Group 1 Sub-Total (including Account 1589 - Global Adjustment)	1589
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)	
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12	
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts	1589
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery	<b>1589</b>
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>2</sup>	<b>1589</b>
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges	1589 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Pá OPEB	1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Acf Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB	1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P Dele Attachment Charge Revenues Variance Accounter Regulatory Assets - Sub-Account - P & OPEB	1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account - Capital Charges Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account - Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account - Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account	1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P Dele Attachment Charge Revenues Variance Accounter Regulatory Assets - Sub-Account - P & OPEB	1589 1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Acf Other Regulatory Assets - Sub-Account - Pa Orbet Other Regulatory Assets - Sub-Account - Pa Orbet Other Regulatory Assets - Sub-Account - Pa Orbet Other Regulatory Assets - Sub-Account - Po Borbet Other Regulatory Assets - Sub-Account - Po Borbet Other Regulatory Assets - Sub-Account - William Regulatory	1589 1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Inanacial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Bast Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Bast Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Variance Account Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Vi-Factor Variance Account Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Defer Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account	1589  1508 1508 1508 1508 1508 1508 1508 150
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P& OPEB Other Regulatory Assets - Sub-Account - P& OPEB Other Regulatory Assets - Sub-Account - Pelo Attachment Charge Revenues Variance Account Other Regulatory Assets - Sub-Account - Vireaco Variance Account Other Regulatory Assets - Sub-Account - Vireaco Variance Account Other Regulatory Assets - Sub-Account - Weiless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - New Facilities Deferal Account Variance Account Variance Account - New Facilities Deferral Account (ESM) Variance Account	1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - Valent Autonoment Charge Revenues Variance Account Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Defer Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Account Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay	1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>1</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Bother Cost Defer Cost Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Sub-Regulatory Assets - Sub-Account - Wiless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Sub-Rose Account Other Regulatory Assets - Sub-Account - New Facilities Deferal Account Other Regulatory Assets - Sub-Account - New Facilities Deferal Account Other Regulatory Assets - Sub-Account - Regulatory Assets - Sub-Account - Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CRA) Pay	1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Acf Other Regulatory Assets - Sub-Account - Patient Charges Other Regulatory Assets - Sub-Account - Patient Charges Other Regulatory Assets - Sub-Account - Patient Charges Other Regulatory Assets - Sub-Account - Patient Charge Revenues Variance Account Other Regulatory Assets - Sub-Account - Vireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - Were Account Other Regulatory Assets - Sub-Account - Were Account Other Regulatory Assets - Sub-Account - Sub-Account - Gains/Losses from Sale of Existing Facilities Defer Other Regulatory Assets - Sub-Account - Were Facilities Deferral Account Variance Account Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Account Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Variance Account Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Deferral Account Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Deferral Account	1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>3</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - P & OPEB Other Regulatory Assets - Sub-Account - Valent Autonoment Charge Revenues Variance Account Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Facilities Defer Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Account Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay	1589  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508  1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - Pá OPEB Other Regulatory Assets - Sub-Account - Pá OPEB Other Regulatory Assets - Sub-Account - Pá OPEB Other Regulatory Assets - Sub-Account - Va OPEB Other Regulatory Assets - Sub-Account - Va OPEB Other Regulatory Assets - Sub-Account - Vireless Attachment Revenues Variance Account Other Regulatory Assets - Sub-Account - Vireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Vireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Vireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Vireless Attachment Revenues Deferral Account Other Regulatory Assets - Sub-Account - Revenue Regulaternal Account Other Regulatory Assets - Sub-Account - Revenue Regulaternal McCount Other Regulatory Assets - Sub-Account - Revenue Regulaternal Differential Variance Account Other Regulatory Assets - Sub-Account - Revenue Regulaternal Differential Variance Account Other Regulatory Assets - Sub-Account - Revenue Regulaternal McCanlarian Deferral Account Other Regulatory Assets - Sub-Account - Capital Capital Regulatory Assets - Sub-Account - Capital	1589 1508 1508 1508 1508 1508 1508 1508 1508
Group 1 Sub-Total (including Account 1589 - Global Adjustment) Group 1 Sub-Total (excluding Account 1589 - Global Adjustment) RSVA - Global Adjustment 12  Group 2 Accounts  Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs Other Regulatory Assets - Sub-Account - Incremental Capital Charges Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act <sup>2</sup> Other Regulatory Assets - Sub-Account - Capital Charges Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Deferral Account Other Regulatory Assets - Sub-Account - Viraince Account Other Regulatory Assets - Sub-Account - Viraince Account Other Regulatory Assets - Sub-Account - Sunsil Cosses from Sale of Existing Facilities Defer Other Regulatory Assets - Sub-Account - New Facilities Deferral Account Variance Account Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement (CCRA) Pay Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Variance Accound Other Regulatory Assets - Sub-Account - Edevenue Requirement Differential Variance Accound Other Regulatory Assets - Sub-Account - Edevenue Requirement Differential Variance Accound Other Regulatory Assets - Sub-Account - Edevenue Requirement Differential Variance Accound Other Regulatory Assets - Sub-Account - Edevenue Requirement Differential Variance Accound Other Regulatory Assets - Sub-Account - Edevenue Requirement Differential Variance Accound Other Regulatory Assets - Sub-Account - Edevenue Requirement Differential Variance Accound	1589 1508 1508 1508 1508 1508 1508 1508 1508

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Account Descriptions	Account Number
Extra-Ordinary Event Costs	1572
Deferred Rate Impact Amounts	1574
RSVA - One-time	1582
Other Deferred Credits	2425
Group 2 Sub-Total	
PILs and Tax Variance for 2006 and Subsequent Years	1592
excludes sub-account and contra account below)	
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592
Total of Group 1 and Group 2 Accounts (including 1592)	

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Account Descriptions	Account Number
LRAM Variance Account <sup>11</sup>	1568
Total including Account 1568	
Renewable Generation Connection Capital Deferral Account <sup>8</sup>	1531
Renewable Generation Connection OM&A Deferral Account <sup>8</sup>	1532
Renewable Generation Connection Funding Adder Deferral Account	1533
Smart Grid Capital Deferral Account	1534
Smart Grid OM&A Deferral Account	1535
Smart Grid Funding Adder Deferral Account	1536
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital <sup>4</sup>	1555
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries <sup>4</sup>	1555
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs <sup>4</sup>	1555
Smart Meter OM&A Variance <sup>4</sup>	1556
Meter Cost Deferral Account (MIST Meters) <sup>10</sup>	1557
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component <sup>5</sup>	1575
Accounting Changes Under CGAAP Balance + Return Component <sup>5</sup>	1576

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

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

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dia As per the January 6, 2011 Letter from the OEB regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Janua "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be address

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variant Smart Meter Disposition and Cost Recovery (G-2011-0001)

The OEB requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In th Account 1575 and 1576 rate rider calculation from the applicable Chapter 2-E appendix line "Amount included in Defer

Depending on the disposition period, balances may exist in Account 1575 and Account 1576 even if the accounts have this is the case and leave the checkbox "Check to Dispose of Account" in the Total Claim column unchecked.

If the LDC's rate year begins on January 1, 2018, the projected interest is recorded from January 1, 2017 to December 2017 rate decision. If the LDC's rate year begins on May 1, 2018, the projected interest is recorded from January 1, 20 the OFB in the 2017 rate decision.

The individual sub-accounts as well as the total for all Account 1595 sub-accounts are to agree to the RRR data. Differ For each Account 1595 sub-account, the transfer of the balance approved for disposition into Account 1595 is to be rec column. The two are not to be netted together and recorded in one column in the first year.

The audited balance in the account is only to be disposed a year after the recovery/refund period has been completed. (
Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally exper
Claims column if the account is requested for disposition.

As per the Filing Requirements for 2018 rate applications, request for rate protection on eligible investments are subject Benefits portion of Account 1531 should be transferred to rate base. The Direct Benefits portion of Account 1532 should be transferred to rate base. The Direct Benefits portion of Account 1532 should still be forcing 2 allocation of balances that are used to calculate account 1580 RSVA WMS balance inputted into this schedule is to exclude any amounts relating to CBR. CRR amount Account 1580, but account 1580 RCIsas A, accounting guidance for this sub-account is to be followed. If a balance exist Account 1557 is to be recovered in a manner similar to the Smart Meter accounts. Distributors should request for disp application, outside of this continuity schedule.

Input the LRAMVA balance in the continuity schedule as calculated from the LRAMVA model. The associated rate ride

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants mu 1588 and 1589. This is to include true ups that impact the GA as well. The amount requested for disposition starts wit impacts of the true-up claims will be to be shown in the Adjustment column in that year. Note that this true-up claim will be up claim was not reflected at the end of the last year of the account balance that was previously disposed, then no adju disposition. This way the adjustment is appropriately captured in the last year of the previously disposed period and the Note that if a distributor has any balance in Account 1580 that pertains to Class A, this must be excluded from the bala

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Ontario Energy Board

# 2018 Deferral/Variance Account Workform

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Accounts that produced a variance on the continuity schedule are listed below. Please provide a detailed explanation for each variance below.

		1	
Account Descriptions	Account Number	Variance RRR vs. 2016 Balance (Principal + Interest)	Explanation
LV Variance Account	1550	\$ (0.29)	
Smart Metering Entity Charge Variance Account	1551	\$ 0.45	
RSVA - Wholesale Market Service Charge9	1580	\$ (0.41)	
Variance WMS – Sub-account CBR Class B9	1580	\$ 0.58	
RSVA - Retail Transmission Network Charge	1584	\$ (0.66)	
RSVA - Retail Transmission Connection Charge	1586	\$ 0.11	
RSVA - Power (excluding Global Adjustment)12	1588	\$ (0.25)	
RSVA - Global Adjustment 12	1589	\$ (1.25)	
Disposition and Recovery/Refund of Regulatory Balances (2011)7	1595	\$ (4,919.00)	Amount relates to 1595 (2012)
Disposition and Recovery/Refund of Regulatory Balances (2012)7	1595	\$ 4,916.14	
Disposition and Recovery/Refund of Regulatory Balances (2013)7	1595	\$ 1.01	
Disposition and Recovery/Refund of Regulatory Balances (2014)7	1595	\$ (0.61)	
Disposition and Recovery/Refund of Regulatory Balances (2016)7	1595	\$ (3.90)	
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$ (0.38)	
Other Regulatory Assets - Sub-Account - Capital Charges	1508	\$ 1.82	
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508	\$ (0.32)	
Retail Cost Variance Account - Retail	1518	\$ 1.14	
Retail Cost Variance Account - STR	1548	\$ (1.48)	

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### 2018 Deferral/Variance Account Workform

In the green shaded cells, enter the data related to the **proposed** load forecast. Do not enter data for the MicroFit class.

			A	A	В	1		-	С	D	=A-C		E	F =B-C-E (deduct E if applicable)	
Rate Class  (Enter Rate Classes in ceils below as they appear on your current tariff of rates and charges)		# of Customers	Total Metered kWh <sup>4</sup>	Total Metered <mark>kW</mark> <sup>4</sup>	Metered kWh for Non-RPP Customers 4,5		Distribution Revenue	Metered kWh for Wholesale Market Participants (WMP) <sup>4</sup>	Metered kW for Wholesale Market Participants (WMP) <sup>4</sup>	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW <u>less</u> WMP  consumption  (if applicable)	Total Metered 2016 kWh for Class A Customers that were Class A for the entire period the GA balance accumulated	kWh for Customers	Non-RPP Metered Consumption for Current Class B Customers (Non-RPP Consumption excluding WMP, Class A and Transition Customers' Consumption	1595 Recovery Share Proportion (2009) <sup>1</sup>
	kWh	305,144	2,206,411,000		78,310,448		98,285,240	0	0	2,206,411,000	- 0		-	78,310,448	
	kWh	24,739	709,791,000		102,830,977		22,437,830	0	0	709,791,000	- 0	-	-	102,830,977	
GENERAL SERVICE 50 TO 1,499 KW	kW	3,351	2,875,422,000		2,469,460,051	6,824,351	39,332,942	0	0	2,875,422,000	6,824,350	-	-	2,469,460,051	
GENERAL SERVICE 1,500 TO 4,999 KW	kW	76	895,369,000	1,916,044	895,369,000	1,916,045	11,840,457	37,049,412	66,568	858,319,588	1,849,476	-	-	858,319,588	
LARGE USE	kW	11	618,467,000	1,118,300	618,467,000	1,118,300	6,451,316	0	0	618,467,000	1,118,300	-	-	618,467,000	
	kWh	3,573	16,731,000				599,609	0	0	16,731,000	- 0	-	-	-	
STANDBY POWER GENERAL SERVICE 50 TO 1,499 KW	kW									-	-	-	-	-	
STANDBY POWER GENERAL SERVICE 1,500 TO 4,999 KW	kW	2		4,800			11,465			-	4,800	-	-	-	
STANDBY POWER GENERAL SERVICE LARGE USE	kW									-	-	-	-	-	
SENTINEL LIGHTING	kW	47	48,000	216			4,820	0	0	48,000	216		-	-	
STREET LIGHTING	kW	55,516	43,765,000	123,144	43,765,000	123,144	1,302,150	0	0	43,765,000	123,144		-	43,765,000	
MICROFIT AND MICRO-NET METERING										-	-	-	-	-	
FIT										-	-		-	-	
HCI, RESOP, OTHER ENERGY RESOURCE										-	-		-	-	·
										-	-		-	-	·
														-	
										-	-			-	
										-	-			-	
										-	-		-	-	·
										-	-		-	-	
Total		392,459	7,366,004,000	9,986,854	4,208,202,476	9,981,840	\$ 180,265,829	37,049,412	66,568	7,328,954,588	9,920,286		-	4,171,153,064	0%

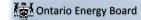
<sup>&</sup>lt;sup>1</sup> Account 1595 sub-accounts are to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

<sup>&</sup>lt;sup>2</sup> The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

1595 Recovery Share Proportion (2010) <sup>1</sup>	1595 Recovery Share Proportion (2011) <sup>1</sup>	1595 Recovery Share Proportion (2012) <sup>1</sup>	1595 Recovery Share Proportion (2013) <sup>1</sup>	1595 Recovery Share Proportion (2014) <sup>1</sup>	1595 Recovery Share Proportion (2015) <sup>1</sup>	1595 Recovery Share Proportion (2016) <sup>1</sup>	1568 LRAM Variance Account Class Allocation <sup>3</sup> (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>2</sup>
0%	0%	0%	0%	0%	0%	0%	s -	

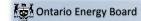
s per Sheet 2 \$ -

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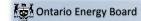
## 2018 Deferral/Variance Account Workform

		Amounts from	Allocator	DECIDENTAL	GENERAL SERVICE LESS	GENERAL SERVICE 50 TO	GENERAL SERVICE 1,500		UNMETERED SCATTERED	STANDBY POWER
		Sheet 2		RESIDENTIAL	THAN 50 KW	1,499 KW	TO 4,999 KW	LARGE USE	LOAD	GENERAL SERVICE 50 TO 1,499 KW
LV Variance Account	1550	(306,979)	kWh	(91,952)	(29,581)	(119,834)	(37,315)	(25,775)	(697)	0
Smart Metering Entity Charge Variance Account	1551	(97,643)	# of Customers	(90,321)	(7,323)	0	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(7,272,775)	kWh	(2,189,498)	(704,350)	(2,853,381)	(851,740)	(613,726)	(16,603)	0
RSVA - Retail Transmission Network Charge RSVA - Retail Transmission Connection Charge	1584 1586	9,085 (2,612,939)	kWh kWh	2,721 (782.679)	875 (251,784)	3,546 (1,019,997)	1,104 (317,614)	763 (219.389)	21 (5.935)	0
RSVA - Retail Harismission Connection Charge  RSVA - Power (excluding Global Adjustment)	1588	1,373,653	kWh	413,544	133,035	538,935	160,873	115,918	3,136	0
RSVA - Global Adjustment	1589	0	Non-RPP kWh	0	0	0	0	0	0,100	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	Ö	%	0	0	0	ŏ	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	0	%	0	0	0	0	0	0	0
Total of Group 1 Accounts (excluding 1589)		(8,907,599)		(2,738,185)	(859,127)	(3,450,730)	(1,044,691)	(742,208)	(20,078)	0
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and		0	kWh	0	0	0	0	0	0	0
Recovery Variance - Ontario Clean Energy Benefit Act	1508									-
Other Regulatory Assets - Sub-Account - Capital Charges	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - P & OPEB	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Va	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferr	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Fa	1508 1508	0	kWh kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Gallis/Losses from Sale of Existing Pall Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - New 1 acinities Deferral Account Other Regulatory Assets - Sub-Account - Gains and Loss on disposal of Fixed As	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Va	1508	0	kWh	0	0	0	ů ů	0	0	0
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Vari	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Def	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508	0	kWh	0	0	0	0	0	0	0
Retail Cost Variance Account - Retail	1518	0	kWh	0	0	0	0	0	0	0
Misc. Deferred Debits	1525	0	kWh	0	0	0	0	0	0	0
Retail Cost Variance Account - STR	1548	0	kWh	0	0	0	0	0	0	0
Board-Approved CDM Variance Account  Extra-Ordinary Event Costs	1567 1572	0	kWh kWh	0	0	0	0	0	0	0
Deferred Rate Impact Amounts	1574	0	kWh	0	0	0	0	0	0	0
RSVA - One-time	1582	0	kWh	0	0	0	0	0	0	0
Other Deferred Credits	2425	Ö	kWh	0	0	0	ŏ	0	ŏ	0
Total of Group 2 Accounts		0		0	0	0	ō	0	Ō	0
					-				•	
PILs and Tax Variance for 2006 and Subsequent Years	1592	0	kWh	0	0	0	0	0	0	0
(excludes sub-account and contra account)	1002	•	KVVII		Ů	· ·	ů	•	ů	· ·
PILs and Tax Variance for 2006 and Subsequent Years -	1592	(0)	kWh	(0)	(0)	(0)	(0)	(0)	(0)	0
Sub-Account HST/OVAT Input Tax Credits (ITCs)		(0)		* * *	1.1	(0)	(0)	(0)	(0)	0
Total of Account 1592		(0)		(0)	(0)	(0)	(0)	(0)	(0)	0
LRAM Variance Account (Enter dollar amount for each class)	1568	0		0	0	0	0	0	0	1 0
(Account 1568 - total amount allocated to cl		0	1		Ů		ı		Ů	
	riance	Ö								
		-	1							
Renewable Generation Connection OM&A Deferral Account	1532	(5)	kWh	(1)	(0)	(2)	(1)	(0)	(0)	0
Variance WMS - Sub-account CBR Class B (separate rate rider if no Class	1580	(358,621)	kWh	(107,964)	(24.722)	(140,700)	(41,999)	(30,263)	(819)	0
A Customers)	1580	(300,021)	KVVII	(107,304)	(34,732)	(140,700)	(41,333)	(30,203)	(019)	U
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and		(3,008,477)		(962,231)	(287,812)	(1,136,284)	(353,824)	(244,400)	(6,612)	0
Total of Account 1580 and 1588 (not allocated to V		(5,899,122)		(1,775,954) 0	(571,315) 0	(2,314,445)	(690,867)	(497,808) 0	(13,467)	0
Balance of Account 1589 Allocated to Non-	WWPS	U		U	Į U	U	U	U	U	U
Group 2 Accounts (including 1592,	1532)	(4)		(1)	(0)	(2)	(1)	(0)	(0)	0
									1 (7)	·
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component	1575	0	kWh	0	0	0	0	0	0	0
Accounting Changes Under CGAAP Balance + Return Component	1576	0	kWh	0	0	0	0	0	0	0
Total Balance Allocated to each class for Accounts 1575 and 1576		0		0	0	0	0	0	0	0



## 2018 Deferral/Variance Account Wo

		Amounts from Sheet 2	Allocator	STANDBY POWER GENERAL SERVICE 1,500 TO 4,999 KW	STANDBY POWER GENERAL SERVICE LARGE USE	SENTINEL LIGHTING	STREET LIGHTING	MICROFIT AND MICRO- NET METERING	FIT
LV Variance Account	1550	(306,979)	kWh	0	0	(2)	(1,824)	0	0
Smart Metering Entity Charge Variance Account	1551	(97,643)	# of Customers	0	0	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(7,272,775)	kWh	0	0	(48)	(43,430)	0	0
RSVA - Retail Transmission Network Charge	1584	9,085	kWh	0	0	0	54	0	0
RSVA - Retail Transmission Connection Charge	1586	(2,612,939)	kWh	0	0	(17)	(15,525)	0	0
RSVA - Power (excluding Global Adjustment)	1588	1,373,653	kWh	0	0	9	8,203	0	0
RSVA - Global Adjustment	1589	0	Non-RPP kWh	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	0	%					0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	(8.907.599)	%	0	0	(58)	0 (52 521)	0	0
Total of Group 1 Accounts (excluding 1589)		(8,907,599)		U	U	(58)	(52,521)	0 1	U U
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and				· ·				1	
Recovery Variance - Ontario Clean Energy Benefit Act	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Capital Charges	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - P & OPEB	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508	Ö	kWh	0	Ō	0	0	Ō	0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Va	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferr	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Fac	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Gains and Loss on disposal of Fixed As	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Va	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Vari	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Defe	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - OEB Cost Assessment Variance	1508	0	kWh	0	0	0	0	0	0
Retail Cost Variance Account - Retail	1518	0	kWh	0	0	0	0	0	0
Misc. Deferred Debits	1525	0	kWh	0	0	0	0	0	0
Retail Cost Variance Account - STR	1548	0	kWh	0	0	0	0	0	0
Board-Approved CDM Variance Account	1567	0	kWh	0	0	0	0	0	0
Extra-Ordinary Event Costs	1572	0	kWh	0	0	0	0	0	0
Deferred Rate Impact Amounts	1574	0	kWh	0	0	0	0	0	0
RSVA - One-time	1582	0	kWh	0	0	0	0	0	0
Other Deferred Credits	2425	0	kWh	0	0	0	0	0	0
Total of Group 2 Accounts		0		0	0	0	0	0	0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account)	1592	0	kWh	0	0	0	0	0	0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	(0)	kWh	0	0	(0)	(0)	0	0
Total of Account 1592		(0)		0	0	(0)	(0)	0	0
LRAM Variance Account (Enter dollar amount for each class)	1568	0		0	0	0	0	0	0
(Account 1568 - total amount allocated to c		0							
Va	riance	0							
Renewable Generation Connection OM&A Deferral Account	1532	(5)	kWh	0	0	(0)	(0)	0	0
Variance WMS - Sub-account CBR Class B (separate rate rider if no Class A Customers)	1580	(358,621)	kWh	0	0	(2)	(2,142)	0	0
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and		(3,008,477)		0	0	(19)	(17,295)	0	0
Total of Account 1580 and 1588 (not allocated to \		(5,899,122)		0	0	(39)	(35,227)	0	0
Balance of Account 1589 Allocated to Non-	WMPs	0	ļ	0	0	0	0	0	0
Group 2 Accounts (including 1592	. 1532)	(4)	<u> </u>	0 1	0	(0)	(0)	0	0
Group 2 Accounts (including 1992	,	\"/	ı		•	(0)	١ (٧)	<u> </u>	<u> </u>
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component	1575	0	kWh	0	0	0	0	0	0
Accounting Changes Under CGAAP Balance + Return Component	1576	0	kWh	0	0	0	0	0	0
Total Balance Allocated to each class for Accounts 1575 and 1576	.510	0		0	0	0	0	0	Ö
The state of the s				•	•		•		



## 2018 Deferral/Variance Account Wo

		Amounts from		HCI, RESOP, OTHER						
		Sheet 2	Allocator	ENERGY RESOURCE						
LV Variance Account	1550	(306.979)	kWh	0	0	0	0	0	0	
Smart Metering Entity Charge Variance Account	1551	(306,979)	# of Customers	0	0	0	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(7.272.775)	kWh	0	0	0	0	0	0	0
RSVA - Retail Transmission Network Charge	1584	9,085	kWh	0	0	0	0	0	0	0
RSVA - Retail Transmission Connection Charge	1586	(2.612.939)	kWh	ŏ	ő	ŏ	ő	0	0	0
RSVA - Power (excluding Global Adjustment)	1588	1,373,653	kWh	0	0	0	0	0	0	0
RSVA - Global Adjustment	1589	0	Non-RPP kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	%	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2016)	1595	(8 907 599)	%	0	0	0	0	0	0	0
Total of Group 1 Accounts (excluding 1589)		(8,907,599)		U	U	U	U	U	U	U
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and		0	kWh	0	0	0	0	0	0	0
Recovery Variance - Ontario Clean Energy Benefit Act	1508	U								U
Other Regulatory Assets - Sub-Account - Capital Charges	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - P & OPEB	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Va	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Wireless Attachment Revenues Deferr	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Y-Factor Variance Account	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Gains/Losses from Sale of Existing Fa	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - New Facilities Deferral Account	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Gains and Loss on disposal of Fixed As	1508	0	kWh kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Earnings Sharing Mechanism (ESM) Va Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement	1508 1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Connection Cost Recovery Agreement Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Van	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Revenue Requirement Differential Val  Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Def	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Efficiency Adjustment Mechanism Den	1508	0	kWh	0	0	0	0	0	0	0
Retail Cost Variance Account - Retail	1518	0	kWh	0	0	0	0	0	0	0
Misc. Deferred Debits	1525	ő	kWh	Ö	0	Ö	Ö	0	0	ő
Retail Cost Variance Account - STR	1548	ő	kWh	0	0	0	0	0	0	0
Board-Approved CDM Variance Account	1567	0	kWh	0	0	0	0	0	0	0
Extra-Ordinary Event Costs	1572	Ö	kWh	Ö	0	Ö	0	0	Ö	Ö
Deferred Rate Impact Amounts	1574	0	kWh	0	0	0	0	0	0	0
RSVA - One-time	1582	0	kWh	0	0	0	0	0	0	0
Other Deferred Credits	2425	0	kWh	0	0	0	0	0	0	0
Total of Group 2 Accounts		0		0	0	0	0	0	0	0
PILs and Tax Variance for 2006 and Subsequent Years	1592	0	kWh	0	0	0	0	0	0	0
(excludes sub-account and contra account)	1002	Ŭ	KYYII	, , ,	, , ,	, , ,	Ŭ	, , , , , , , , , , , , , , , , , , ,	Ŭ .	Ŭ .
PILs and Tax Variance for 2006 and Subsequent Years -	1592	(0)	kWh	0	0	0	0	0	0	0
Sub-Account HST/OVAT Input Tax Credits (ITCs)	.002	(0)								
Total of Account 1592		(0)		0	0	0	0	0	0	0
I DAMA'S A SECOND OF THE SECON	4500		1					•		
LRAM Variance Account (Enter dollar amount for each class)	1568	0		0	0	0	0	0	0	0
(Account 1568 - total amount allocated to c		0	1							
Va Va	riance	0	j							
Renewable Generation Connection OM&A Deferral Account	1532	(5)	kWh	0	0	0	0	0	0	0
	1002	(9)	VAAII	, , , , , , , , , , , , , , , , , , ,	U	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	U	U	0
Variance WMS - Sub-account CBR Class B (separate rate rider if no Class	1580	(358,621)	kWh	0	0	0	0	0	0	0
A Customers)										
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and	1505)	(3.008.477)	1	0	0	0	0	0	0	0
Total of Account 1580 and 1588 (not allocated to V		(5,899,122)		0	0	0	0	0	0	0
Balance of Account 1589 Allocated to Non-		(5,899,122)	-	0	0	0	0	0	0	0
Datance of Account 1969 Allocated to Non-	W WIFS				<u> </u>			U		1 0
Group 2 Accounts (including 1592)	1532)	(4)		0	0	0	0	0	0	0
Group 2 Accounts (including 1992)	.002)	(*)						J		
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component	1575	0	kWh	0	0	0	0	0	0	0
Accounting Changes Under CGAAP Balance + Return Component	1576		kWh	0	0	0	0	0	0	0
Total Balance Allocated to each class for Accounts 1575 and 1576	.570	Ŏ		Ŏ	Ö	Ö	Ö	Ō	0	0
The state of the s					·		· ·		· ·	

Account 1589 reference calculation by customer and consumption	
Account 1589 / Number of Customers	\$0.00
1589/total kwh	\$0.0000

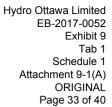
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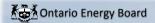
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## 2018 Deferral/Variance Account Workform

1	Please enter the Year the Account 1589 GA Balance was Last Disposed.	2015	(e.g. If in the 2016 EDR process, you received approva 31, 2014, enter 2014.)	I to dispose the GA variance account balance as at December
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 year after the balance was last disposed to 2016)?		(e.g. If you received approval to dispose the GA account accumulated would be 2015 and 2016.)	balance as at December 31, 2014, the period the GA
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	2016





### 2018 Deferral/Variance Account Workform

The purpose of this tab is to calculate the billing determinants for 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.

Year(s) in which CBR Class B Balance accumulated

2016 (Note: Account 1580, Sub-account CBR Class B was established starting in 2015)

	Total Metr Consumption			ere Class A for ass B balance	Total Metered 2016 Consum that Transitioned Between C the period CBR Class B ba	Metered Consumption for Cur Customers (Total Consumptior Class A and Transition Cu Consumption)	% of total kWh		
	kWh	kW	kWh	kW	kWh	kW	kWh	kW	
RESIDENTIAL	2,206,411,0	00 - 0	0	0	0	0	2,206,411,000 -	0	30%
GENERAL SERVICE LESS THAN 50 KW	709,791,0	00 - 0	0	0	0	0	709,791,000 -	0	10%
GENERAL SERVICE 50 TO 1,499 KW	2,875,422,0	00 6,824,350	0	0	0	0	2,875,422,000	6,824,350	39%
GENERAL SERVICE 1,500 TO 4,999 KW	858,319,5	88 1,849,476	0	0	0	0	858,319,588	1,849,476	12%
LARGE USE	618,467,0	00 1,118,300	0	0	0	0	618,467,000	1,118,300	8%
UNMETERED SCATTERED LOAD	16,731,0	00 - 0	0	0	0	0	16,731,000 -	0	0%
STANDBY POWER GENERAL SERVICE 50 TO 1,499 KW	-	-	0	0	0	0	-	-	0%
STANDBY POWER GENERAL SERVICE 1,500 TO 4,999 KW	-	4,800	0	0	0	0	-	4,800	0%
STANDBY POWER GENERAL SERVICE LARGE USE	-	-	0	0	0	0	-	-	0%
SENTINEL LIGHTING	48,0	00 216	0	0	0	0	48,000	216	0%
STREET LIGHTING	43,765,0	00 123,144	1 0	0	0	0	43,765,000	123,144	1%
MICROFIT AND MICRO-NET METERING	-	-	0	0	0	0	-	-	0%
FIT	-	-	0	0	0	0	-	-	0%
HCI, RESOP, OTHER ENERGY RESOURCE	-	-	0	0	0	0	-	-	0%
	-	-	0	0	0	0	-	-	0%
	-	-	0	0	0	0	-	-	0%
	-	-	0	0	0	0	-	-	0%
	-	-	0	0	0	0	-	-	0%
	-	-	0	0	0	0	-	-	0%
		-	0	0	0	0	-	-	0%
	Total 7,328,954,5	88 9,920,286	-	-	-	-	7,328,954,588	9,920,286	100%

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### 2018 Deferral/Variance Account Workform

Please indicate the Rate Rider Recovery Period (in years)

#### Rate Rider Calculation for Group 1 Deferral / Variance Accounts Balances (excluding Global Adj.)

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Group 1 Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL	kWh	2,206,411,000	-\$ 962,231	- 0.0004	\$/kW
GENERAL SERVICE LESS THAN 50 KW	kWh	709,791,000	-\$ 287,812	- 0.0004	\$/kW
GENERAL SERVICE 50 TO 1,499 KW	kW	6,824,350	-\$ 1,136,284	- 0.1665	\$/kW
GENERAL SERVICE 1,500 TO 4,999 KW	kW	1,916,044	-\$ 353,824	- 0.1847	\$/kW
LARGE USE	kW	1,118,300	-\$ 244,400	- 0.2185	\$/kW
UNMETERED SCATTERED LOAD	kWh	16,731,000	-\$ 6,612	- 0.0004	\$/kWI
STANDBY POWER GENERAL SERVICE 5	kW	-	\$ -	-	\$/kW
STANDBY POWER GENERAL SERVICE 1	kW	4,800	\$ -	-	\$/kW
STANDBY POWER GENERAL SERVICE L	kW	-	\$ -	-	\$/kW
SENTINEL LIGHTING	kW	216	-\$ 19	- 0.0878	\$/kW
STREET LIGHTING	kW	123,144	-\$ 17,295	- 0.1404	\$/kW
MICROFIT AND MICRO-NET METERING		-	\$ -	-	
FIT		-	\$ -	-	1
HCI, RESOP, OTHER ENERGY RESOURC		-	\$ -	-	1
		-	\$ -		
		-	\$ -		
		-	\$ -		
		-	\$ -	-	
			\$ -		
		-	\$ -	-	
Total			-\$ 3,008,477		

#### Rate Rider Calculation for Group 1 Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Group Balance - Non-Wi		
RESIDENTIAL	kWh	2,206,411,000	-\$ 1,775,9	4 - 0.0008	\$/kW
GENERAL SERVICE LESS THAN 50 KW	kWh	709,791,000	-\$ 571,3°	5 - 0.0008	\$/kW
GENERAL SERVICE 50 TO 1,499 KW	kW	6,824,350	-\$ 2,314,44	5 - 0.3391	\$/kW
GENERAL SERVICE 1,500 TO 4,999 KW	kW	1,849,476	-\$ 690,86	7 - 0.3735	\$/kW
LARGE USE	kW	1,118,300	-\$ 497,80	0.4451	\$/kW
UNMETERED SCATTERED LOAD	kWh	16,731,000	-\$ 13,46	7 - 0.0008	\$/kW
STANDBY POWER GENERAL SERVICE 5			\$ -	-	\$/kW
STANDBY POWER GENERAL SERVICE 1	kW	4,800	\$ -	-	\$/kW
STANDBY POWER GENERAL SERVICE L	kW		\$ -	-	\$/kW
SENTINEL LIGHTING	kW	216	-\$	9 - 0.1789	\$/kW
STREET LIGHTING	kW	123,144	-\$ 35,22	7 - 0.2861	\$/kW
MICROFIT AND MICRO-NET METERING			\$ -	-	
FIT			\$ -	-	
HCI, RESOP, OTHER ENERGY RESOURC		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
Total			-\$ 5,899,12	22	

Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP calculated separately in the table above. For all rate classes without WMP customers, balances in Accounts 1580 and 1580 are included in Deferral/Variance Account Rate Riders calculated in the first table above and disposed through a combined Deferral/Variance Account and Rate Rider.

#### Rate Rider Calculation for Account 1580, sub-account CBR Class B

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocate account 19 Class B E	580 CBR	Rate Rider for Sub-account 1580 CBR Class B
RESIDENTIAL		-	-\$	107,964	-
GENERAL SERVICE LESS THAN 50 KW		-	-\$	34,732	-
GENERAL SERVICE 50 TO 1,499 KW		-	-\$	140,700	-
GENERAL SERVICE 1,500 TO 4,999 KW		-	-\$	41,999	-
LARGE USE		-	-\$	30,263	-
UNMETERED SCATTERED LOAD		-	-\$	819	-
STANDBY POWER GENERAL SERVICE 5	-	\$	-	-	
STANDBY POWER GENERAL SERVICE 1	-	\$	-	-	
STANDBY POWER GENERAL SERVICE L	ARGE USE	-	\$	-	-
SENTINEL LIGHTING		-	-\$	2	-
STREET LIGHTING		-	-\$	2,142	-
MICROFIT AND MICRO-NET METERING		-	\$	-	-
FIT		-	\$	-	-
HCI, RESOP, OTHER ENERGY RESOURCE	E	-	\$	-	-
		-	\$	-	-
		-	\$	-	-
		-	\$	-	-
		-	\$	-	
		-	\$	-	
_	,	-	\$	-	-
Total			-\$	358.621	

Rate rider calculated separately only if Class A customers exist during the period the balance accumulated

#### Rate Rider Calculation for RSVA - Power - Global Adjustment

Rate Class (Enter Rate Classes in cells below)	Units	kWh	Allocated Global Adjustment Balance	Rate Rider for RSVA - Power - Global Adjustment
RESIDENTIAL	kWh	78,310,448	\$ -	
GENERAL SERVICE LESS THAN 50 KW	kWh	102,830,977	\$ -	
GENERAL SERVICE 50 TO 1,499 KW	kWh	2,469,460,051	\$ -	
GENERAL SERVICE 1,500 TO 4,999 KW	kWh	858,319,588	\$ -	
LARGE USE	kWh	618,467,000	\$ -	
UNMETERED SCATTERED LOAD	kWh	-	\$ -	
STANDBY POWER GENERAL SERVICE 5	kWh	-	\$ -	
STANDBY POWER GENERAL SERVICE 1	kWh		\$ -	
STANDBY POWER GENERAL SERVICE L	kWh		\$ -	
SENTINEL LIGHTING	kWh		\$ -	
STREET LIGHTING	kWh	43,765,000	\$ -	
MICROFIT AND MICRO-NET METERING		-	\$ -	

Rate riders for Global Adjustment is to be calculated on the basis of kWh for all classes.

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FIT	-	\$ -	
HCI, RESOP, OTHER ENERGY RESOURC	-	\$ -	
	-	\$ -	-
	-	\$ -	-
	-	\$ -	-
	-	\$ -	
	-	\$ -	
	-	\$ -	
Total		\$ -	

#### Rate Rider Calculation for Group 2 Accounts

Rate Class (Enter Rate Classes in cells below)	Units	# of Customers		located Group 2 Balance	Rate Rider for Group 2 Accounts	
RESIDENTIAL	# of Customers	305,144	-\$	1		per customer per mont
GENERAL SERVICE LESS THAN 50 KW	# of Customers	24,739	-\$	0	-\$ 0.0000	per customer per monti
GENERAL SERVICE 50 TO 1,499 KW	# of Customers	3,351	-\$	2	-\$ 0.0000	per customer per monti
GENERAL SERVICE 1,500 TO 4,999 KW	# of Customers	76	-\$	1	-\$ 0.0006	per customer per monti
LARGE USE	# of Customers	11	-\$	0	-\$ 0.0028	per customer per month
UNMETERED SCATTERED LOAD	# of Customers	3,573	-\$	0	-\$ 0.0000	per customer per month
STANDBY POWER GENERAL SERVICE 5	# of Customers		\$	-	\$ -	per customer per month
STANDBY POWER GENERAL SERVICE 1	# of Customers	2	\$	-	\$ -	per customer per month
STANDBY POWER GENERAL SERVICE L			\$	-	\$ -	
SENTINEL LIGHTING			-\$	0	\$ -	
STREET LIGHTING			-\$	0	\$ -	
MICROFIT AND MICRO-NET METERING			\$	-	\$ -	
FIT			\$	-	\$ -	
HCI, RESOP, OTHER ENERGY RESOURC			\$	-	\$ -	
			\$	-	\$ -	
			\$	-	\$ -	
			\$	-	\$ -	
			\$	-	\$ -	
			\$	-	\$ -	
			\$	-	\$ -	
Total			-\$	4		

As per the Board's letter issued July 16, 2015 outlining details regarding the implementation of the transition to fully fixed distribution charges for residential customers, Residential rates for group 2 accounts are to be on a per customer basis. Please choose "# of customers" for the

#### Rate Rider Calculation for Accounts 1575 and 1576

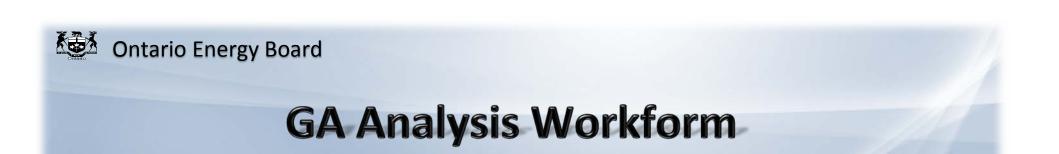
Please indicate the Rate Rider Recovery Period (in years)

Rate Class (Enter Rate Classes in cells below)	Units	# of Customers	Allocated Accounts 1575 and 1576 Balances	Rate Rider for Accounts 1575 and 1576	
RESIDENTIAL	# of Customers	305,144	\$ -	•	P
GENERAL SERVICE LESS THAN 50 KW	# of Customers	24,739	\$ -	-	р
GENERAL SERVICE 50 TO 1,499 KW	# of Customers	3,351	\$ -	-	р
GENERAL SERVICE 1,500 TO 4,999 KW	# of Customers	76	\$ -	-	р
LARGE USE	# of Customers	11	\$ -	-	р
UNMETERED SCATTERED LOAD	# of Customers	3,573	\$ -	-	р
STANDBY POWER GENERAL SERVICE 5	# of Customers		\$ -	-	р
STANDBY POWER GENERAL SERVICE 1	# of Customers	2	\$ -	-	р
STANDBY POWER GENERAL SERVICE L	kW		\$ -	-	\$
SENTINEL LIGHTING	kW	216	\$ -		\$
STREET LIGHTING	kW	123,144	\$ -	-	\$
MICROFIT AND MICRO-NET METERING			\$ -	-	1
FIT			\$ -	-	1
HCI, RESOP, OTHER ENERGY RESOURC			\$ -	-	1
			\$ -	-	1
		٠	\$ -		J
			\$ -	-	1
		٠	\$ -		J
			\$ -		1
			\$ -		1
Total			\$ -		1

As per the Board's letter issued July 16, 2015 outlining details regarding the implementation of the transition to fully fixed distribution charges for residential customers, Residential rates for group 2 accounts, including Accounts 1575 and 1576 are to be on a per customer basis. Please choose "# of customers" for the

#### Rate Rider Calculation for Accounts 1568

Please indicate the Rate Rider Recovery Period (in years)



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### Update from July 20th DVA workform version: -Cells C87,D87,E87, H87 - name of cells

updated for cell reference -Cells F88 to F91 and G88 to G91 - formula of cells updated

Account	<u> 1589</u>	<u>Global</u>	<u> Ad</u>	justment	<u>(GA</u> )	Analy	<u>/sis</u>	<b>Workforn</b>	n

	1569 Global Adjustinent (GA) Analysis Work	<del></del>		
	Input cells			
	Drop down cells			
	·			
Note 1	Year(s) Requested for Disposition			
N-4- 0	Company tion Data Fueluding for Lass Food	eten (Dete te enne with DDD ee englieekle)		
Note 2	Year	ctor (Data to agree with RRR as applicable)		
	Total Metered excluding WMP	C = A+B	- kWh	100%
	RPP	A	kWh	0.0%
	Non RPP	B = D+E	- kWh	0.0%
	Non-RPP Class A	D	kWh	0.0%
	Non-RPP Class B*	E	kWh	0.0%
		this table is not expected to directly agree with the Non-l		
	*Non-RPP Class B consumption reported in t below. The difference should be equal to the			
Note 3	*Non-RPP Class B consumption reported in t			
Note 3	*Non-RPP Class B consumption reported in t below. The difference should be equal to the GA Billing Rate			
Note 3	*Non-RPP Class B consumption reported in t below. The difference should be equal to the			
Note 3	*Non-RPP Class B consumption reported in t below. The difference should be equal to the GA Billing Rate			

#### **Analysis of Expected GA Amount** Note 4

Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)

Year

ORIGINAL Page 37 of 40 Add Current Month Non-RPP Class B Non-RPP Class B **Unbilled Loss Deduct Previous** Including Loss **Including Loss Factor Month Unbilled Loss** Adjusted Consumption, **GA Rate GA Actual** Adjusted **Adjusted for Unbilled** Billed \$ Consumption at Rate Paid \$ Consumption at **Billed Consumption Adjusted** Consumption **Expected GA** Variance (\$) Calendar Month (kWh) Consumption (kWh) (kWh) (kWh) (\$/kWh) **GA Rate Billed** (\$/kWh) **Actual Rate Paid** =M-K F G Н I = F-G+HJ K = I\*JM = I\*L\$ \$ \$ January --\$ \$ \$ February \$ March \_ \$ \_ -\$ \_ April \$ \$ \$ ----May \$ \$ -\$ \$ \$ June \_ \_ \_ \$ July \_ \$ -\_ \$ \_ August \$ \$ -\$ \_ -\$ \$ September -\$ --\$ October \$ \$ November \$ \$ \$ \_ \_ --\$ December \$ \_ \$ -

\$

\$

\$

### Note 5 Reconciling Items

	Item	Applicability of Reconciling Item (Y/N)	Amount (Quantify if it is a significant reconciling item)	Explanation
Net Chang the Year)	ge in Principal Balance in the			•
	Remove impacts to GA from prior year RPP Settlement true up process that are booked in current year			
	Add impacts to GA from current year RPP Settlement true up process that are booked in subsequent year			
2a	Remove prior year end unbilled to actual revenue differences			
2b	Add current year end unbilled to actual revenue differences			
3a	Remove difference between prior year accrual to forecast from long term load transfers			
	Add difference between current year accrual to forecast from long term load transfers			
4	Remove GA balances pertaining to Class A customers			
	Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis  Differences in GA IESO			
6 7 8	posted rate and rate charged on IESO invoice			
9				

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Note 6
Adjusted Net Change in Principal Balance in the GL
Net Change in Expected GA Balance in the Year Per
Analysis
Unresolved Difference
Payments to IESO

\$

Ф	-
\$	-
\$	-
	0.0%

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

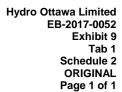
Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)	_	Adjusted Net Change in Principal Balance in the GL		Payments to IESO (cell J59)	Unresolved Difference as % of Expected GA Payments to IESO
				-	\$ -		0.0%
				-	\$ -		0.0%
				-	\$ -		0.0%
				-	\$ -		0.0%
Cumulative Balance	\$ -	\$ -	-	\$ -	\$ -	-	N/A

Additional Notes and Comments		

### **GA Rates per IESO website**

Or tributed pt	TILOO WED	<u></u>	1						
		2016			2015			2014	
	First	Second		First	Second		First	Second	
(\$/kWh)	Estimate	Estimate	Actual	Estimate	<b>Estimate</b>	Actual	Estimate	Estimate	Actual
January	0.08423	0.09214	0.09179	0.05549	0.06161	0.05068	0.03626	0.01806	0.01261
February	0.10384	0.09678	0.09851	0.06981	0.04095	0.03961	0.02231	0.01118	0.01330
March	0.09022	0.10299	0.10610	0.03604	0.05740	0.06290	0.01103	-0.00800	-0.00027
April	0.12115	0.11177	0.11132	0.06705	0.09268	0.09559	-0.00965	0.05453	0.05198
May	0.10405	0.11493	0.10749	0.09416	0.09730	0.09668	0.05356	0.07352	0.07196
June	0.11650	0.09360	0.09545	0.09228	0.09768	0.09540	0.07190	0.06664	0.06025
July	0.07667	0.08412	0.08306	0.08888	0.08413	0.07883	0.05976	0.05753	0.06256
August	0.08569	0.07050	0.07103	0.08805	0.07355	0.08010	0.06108	0.06897	0.06761
September	0.07060	0.09148	0.09531	0.08270	0.07191	0.06703	0.08049	0.08072	0.07963
October	0.09720	0.11780	0.11226	0.06371	0.07193	0.07544	0.07492	0.10135	0.10014
November	0.12271	0.11500	0.11109	0.07623	0.12448	0.11320	0.09901	0.08504	0.08232
December	0.10594	0.07872	0.08708	0.11462	0.08809	0.09471	0.07318	0.05789	0.07444

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1	NEW DEFERRAL AND VARIANCE ACCOUNTS
2	
3	1.0 INTRODUCTION
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5	This Schedule describes Hydro Ottawa's proposal for establishing one new deferral and
6	variance account ("DVA"). Below, Hydro Ottawa describes the eligibility criteria
7	regarding causation, materiality, and prudence for the proposed new account.
8	
9	2.0 GROUP 1 ACCOUNTS
10	
11	Per the Approved Settlement Agreement, Hydro Ottawa will follow the OEB's instruction
12	regarding the clearance of Group 1 Accounts. The Board's Chapter 3 Filing
13	Requirements for Electricity Distribution Rate Applications, issued July 20, 2017, set a
14	disposition threshold of \$0.001 per kWh.1 In addition, in a letter from the Board dated
15	July 25, 2014, distributors may now elect to dispose of Group 1 Account balances below
16	the threshold. Hydro Ottawa's circumstances meet the above-mentioned threshold for
17	Group 1 Accounts.
18	
19	Hydro Ottawa proposes to dispose a number of Group 1 DVAs by way of this Application
20	(please see Exhibit 9-2-1 for details) and move the balance into a newly established

<sup>1</sup> Section 3.2.5, p. 9.

1595 (2018) Sub-Account.

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**DISPOSITION OF DEFERRAL AND VARIANCE ACCOUNTS** 

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#### 1.0 INTRODUCTION

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Hydro Ottawa is requesting the disposition of a number of its Group 1 deferral and variance accounts ("DVAs"), in compliance with the *Electricity Distributors' Deferral and Variance Account Review Initiative* ("EDDVAR Report").

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As part of the OEB's Decision and Rate Order for Hydro Ottawa's 2017 rate adjustment application, Hydro Ottawa received approval of rate riders to recover Group 1 accumulated balances to December 31, 2015, including forecasted interest, and the forecasted balance to December 31, 2016 of Group 2 1508 Sub-Account Pole Attachment Charge Revenues Variance. Accordingly, Group 1 Accounts requested for disposal have accumulated balances since January 1, 2016.

15 16

#### 2.0 ACCOUNTS FOR WHICH HYDRO OTTAWA IS SEEKING DISPOSITION

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As part of this Application, Hydro Ottawa is seeking disposition of Group 1 Accounts, with the exception of the 1595 Sub-Accounts. Hydro Ottawa has not requested disposition of its 1589 Global Adjustment Account at this time.

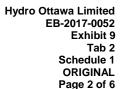
2021

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- 22 Table 1 provides a summary of the Group 1 DVAs by Uniform System of Accounts
- 23 ("USofA") for which Hydro Ottawa is seeking disposition. For the completed DVA
- 24 Continuity Schedule, please see Attachment 9-1-A 2018 DVA Workform, attached to
- 25 Exhibit 9-1-1. Per the DVA Continuity Schedule, principal balances are up to December
- 26 31, 2016 and interest forecasted to December 31, 2017. The total net balance of the
- 27 Group 1 DVAs for which Hydro Ottawa is seeking disposition is \$8.9 million.

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- 29 The Board introduced a new GA Analysis Workform as part of the 2018 rate application
- 30 process, which is integrated into the DVA (Continuity Schedule) Workform. During the
- 31 Board's Webinar for 2018 Incentive Regulation Mechanism ("IRM") applicants, held July





1 26, 2017, Board staff indicated that it would be acceptable for an applicant to file the new

2 GA Analysis Workform subsequent to the submittal of the applicant's 2018 rate

3 application. When the GA Analysis Workform is complete, Hydro Ottawa will update its

4 DVA (Continuity Schedule) Workform, which includes the GA Analysis Workform.

5

#### Table 1 – Hydro Ottawa's Proposed DVA Dispositions<sup>1</sup>

USofA Number	Group 1 Deferral/Variance Account Description	Amount (\$)	Principal (\$)	Interest (\$)
1550	LV Variance Account	(306,979)	(302,419)	(4,560)
1551	Smart Metering Entity Charge Variance Account	(97,643)	(96,084)	(1,559)
1580	RSVA – Wholesale Market Service Charge <sup>2</sup>	(7,272,775)	(7,002,178)	(270,597)
1584	RSVA – Retail Transmission Network Charge	9,085	9,935	(850)
1586	RSVA – Retail Transmission Connection Charge	(2,612,939)	(2,572,072)	(40,867)
1588	RSVA – Power (excluding Global Adjustment)	1,373,653	1,333,538	40,116
	Total DVA for Disposition	(8,907,599)	(8,629,280)	(278,318)
1580	Variance WMS – Sub-account CBR Class B	(358,621)	(351,426)	(7,195)
	Total DVA balance to be moved to 1595 (2018)	(9,266,219)	(8,980,706)	(285,513)

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With respect to Sub-Account to Wholesale Market Service Charge ("WMS") Capacity Based Recovery ("CBR") Class B, Hydro Ottawa proposes to move the balance in WMS CBR Class B into 1595 (2018) to be recovered at a later date, as the amount would yield a rate rider with less than four decimals. This approach is consistent with guidance provided by the OEB in a letter dated July 25, 2016 regarding Accounting Guidance on Capacity Based Recovery for 2017 rate applications.

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#### 3.0 ACCOUNTS FOR WHICH HYDRO OTTAWA IS NOT SEEKING DISPOSITION

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Consistent with the Approved Settlement Agreement, Hydro Ottawa is not seeking disposition for Group 2 Accounts in this Application. Hydro Ottawa is not requesting disposition of Account 1568 LRAM Variance Account at this time. In order to exclude

20 Account 1518 Retail Cost Variance Account – Retail, Account 1548 Retail Cost Variance

<sup>&</sup>lt;sup>1</sup> Dollar amounts are rounded to the nearest dollar.

<sup>&</sup>lt;sup>2</sup> Balance does not include Sub-Account to 1580 WMS CBR Class B.



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1 Account - STR, and Account 1568 LRAM Variance Account from disposition, an 2 offsetting amount was entered into the "Projected Interest from January 1, 2018 to April 3 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017" column on the 4 DVA Continuity Schedule. 5 6 In the Board's updated Chapter 3 Filing Requirements for Electricity Distribution Rate 7 Applications, issued July 20, 2017, the following is stated: "Applicants are expected to 8 only request disposition of residual balances for vintage Account 1595 Sub-Accounts 9 once. Distributors are expected to seek disposition of the audited account balance a 10 year after a rate rider's sunset date has expired. No further transactions are expected to 11 flow through the account. Any vintage Account 1595 Sub-Account is to be disposed only 12 once, on a final basis. No further dispositions of these accounts are expected thereafter 13 unless justified by the distributor." Hydro Ottawa is not requesting disposition of any 14 vintage 1595 Sub-Accounts, including 1595 (2016). Per the updated filing requirements, 15 Hydro Ottawa would propose to clear 1595 Sub-Accounts (2016) after December 31, 16 2017. 17 18 Hydro Ottawa is not requesting clearance of its 1598 Global Adjustment Account at this 19 time. An offsetting amount was entered into the "Projected Interest from January 1, 20 2018 to April 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017" 21 column on the DVA Continuity Schedule to have a zero balance to be populated in "total 22 Claim" column. 23 24 In addition, as stated above, Hydro Ottawa is requesting the balance in WMS CBR Class 25 B to be moved into 1595 (2018) to be recovered at a later time. 26 27 28 29 30 31





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#### 4.0 **VARIANCE ANALYSIS**

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#### 4.1 Balances Proposed for Disposition Consistent with Audited Financial **Statements**

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Hydro Ottawa confirms the amounts proposed for disposition align with Hydro Ottawa's 2016 Financial Statements. As per the OEB's Guidance on the Disposition of Accounts 1588 and 1589 dated May 23, 2017, Hydro Ottawa has included the Regulated Price Plan ("RPP") settlement true-up claims made with the Independent Electricity System Operator ("IESO") in 2017 related to the 2016 fiscal year for Account 1588. For clarity and for the unaudited balances to be easily identifiable, Hydro Ottawa has entered the amount in the "Projected Interest from January 1, 2018 to April 30, 2018 on Dec 31 -16 balance adjusted for disposition during 2017" column on the DVA Continuity Schedule.

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#### 4.2 **Explanation of Variances**

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Per the Chapter 2 Filing Requirements for Electricity Distribution Rate Applications, issued July 20, 2017, the following two variance explanations are required:

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1) "Provide an explanation for any variances greater than 5% between amounts proposed for disposition before forecasted interest and the amounts reported in the applicant's RRR filings for each account."3

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2) "Provide explanations, even if such variances are below the 5% threshold, if the variances in question relate to: (1) matters of principle (i.e. conformance with the APH or prior OEB decisions, and prior period adjustments); and/or (2) the cumulative effect of immaterial differences over several accounts total to a material difference between what is proposed for disposition in total before forecasted interest and what is recorded in the RRR filings."4

29 30

<sup>&</sup>lt;sup>3</sup> Section 2.9.5, p. 64.

<sup>&</sup>lt;sup>4</sup> Section 2.9.5, p. 64.



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1 With the exception of the required 1588 Account true-up, as explained in section 4.1,

2 Hydro Ottawa does not have any variance amounts proposed for disposition that would

meet the above requirements for a variance explanation.

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#### 5.0 ALLOCATION OF DVAs AND LENGTH OF DISPOSITION PERIOD

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Hydro Ottawa is requesting a one-year rate rider for the recovery or refund of balances proposed for disposition. This adheres to the default disposition period.

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#### 6.0 PROPOSED RATE RIDERS

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Tables 2 and 3 set forth proposed rate riders to clear the DVA balances in the Group 1 Accounts for which Hydro Ottawa is seeking disposition. All rate riders have a proposed recovery period of one year. Hydro Ottawa is complying with the allocators set out for the type of group or individual variance account. Hydro Ottawa has established a separate rate rider for market participants that settle directly with the IESO.

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Table 2 – Rate Riders for DVAs (excluding Global Adjustment)

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Rate Class	Units	kW / kWh / # of Customers	Allocated Balance	Rate Rider	Billing Determinate
Residential	kWh	2,206,411,000	(\$962,231)	-0.0004	\$/kWh
General Service < 50 kW	kWh	709,791,000	(\$287,812)	-0.0004	\$/kWh
General Service 50 to 1,499 kW	kW	6,824,350	(\$1,136,284)	-0.1665	\$/kW
General Service 1,500 to 4,999 kW	kW	1,916,044	(\$353,824)	-0.1847	\$/kW
Large Use	kW	1,118,300	(\$244,400)	-0.2185	\$/kW
Unmetered Scattered Load	kWh	16,731,000	(\$6,612)	-0.0004	\$/kWh
Sentinel Lighting	kW	216	(\$19)	-0.0878	\$/kW
Street Lighting	kW	123,144	(\$17,295)	-0.1404	\$/kW
Total			(\$3,008,477)		

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#### Table 3 – Rate Riders for DVAs (excluding Global Adjustment) – NON-WMP

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1

Rate Class	Units	kW / kWh / # of Customers	Allocated Balance	Rate Rider	Billing Determinate
Residential	kWh	2,206,411,000	(\$1,775,954)	-0.0008	\$/kWh
General Service < 50 kW	kWh	709,791,000	(\$571,315)	-0.0008	\$/kWh
General Service 50 to 1,499 kW	kW	6,824,350	(\$2,314,445)	-0.3391	\$/kW
General Service 1,500 to 4,999 kW	kW	1,849,476	(\$690,867)	-0.3735	\$/kW
Large Use	kW	1,118,300	(\$497,808)	-0.4451	\$/kW
Unmetered Scattered Load	kWh	16,731,000	(\$13,467)	-0.0008	\$/kWh
Sentinel Lighting	kW	216	(\$39)	-0.1789	\$/kW
Street Lighting	kW	123,144	(\$35,227)	-0.2861	\$/kW
Total			(\$5,899,122)		

3 4

#### 7.0 RATE RIDER FOR GLOBAL ADJUSTMENT

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6 Hydro Ottawa has both Class A and Class B Global Adjustment ("GA") customers.

7 Historically, the disposition of USofA 1589 - RSVA - Global Adjustment has been

8 allocated to all non-RPP customers on a kWh basis. This method has been used for

several years and was maintained upon the introduction of Class A GA customers. The

DVA Workform was updated in 2016, for 2017 filers, to allocate an appropriate portion of

the GA Variance Account balance to customers transitioning between Class A and Class

12 B.

1314

15

As discussed in Section 2 of this Exhibit, once Hydro Ottawa has completed the new GA

Analysis Workform, Hydro Ottawa will update any necessary changes related to Account

16 1589.

1718

#### 8.0 PROPOSED ESTABLISHMENT OF NEW DVAs

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20 Please see Exhibit 9-1-2 for new accounts for which approval is being sought as part of

21 this proceeding.