August 15, 2016

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
2017 Electricity Distribution Rate Application (EB-2016-0084)

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, 2017.

This Application represents Hydro Ottawa's first annual rate adjustment under its five-year 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 Gregory Van Dusen

Gregory Van Dusen
Director, Regulatory Affairs

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

EB-2016-0084

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, 2017.

HYDRO OTTAWA LIMITED

2017 RATE APPLICATION UNDER BOARD-APPROVED CUSTOM INCENTIVE RATE-SETTING PLAN FOR 2016-2020

FILED: August 15, 2016

Applicant

Hydro Ottawa Limited
3025 Albion Road North, PO Box 8700
Ottawa, Ontario
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ABBREVIATIONS AND DEFINED TERMS

1.0 ABBREVIATIONS

Abbreviations that are in bolded font will be used throughout the Hydro Ottawa Limited Application and will not be redefined at the start of each exhibit.

"Allstream" – Allstream Inc.
"APH" – Ontario Energy Board Accounting Procedures Handbook
"Application" – 2017 Hydro Ottawa Limited Electricity Distribution Rate Application
"Approved Settlement Agreement" – Amended September 18, 2015 Settlement Proposal; Originally Filed September 18, 2015; Refiled December 7, 2015; Approved December 22, 2015 (EB-2015-0004)
"Board" – Ontario Energy Board
"Carriers" – Allstream Inc., Quebecor Media, Rogers Communication Partnership, and TELUS Communications Inc.
"CBR" – Capacity Based Recovery
"CCC" – Consumers Council of Canada
"CCRA" – Connection Cost Recovery Agreement
"CDM" – Conservation and Demand Management
"CGAAP" – Canadian Generally Accepted Accounting Principles
"CIR" – Custom Incentive Rate-setting
"CLD" – Coalition of Large Distributors
"Custom IR" – Custom Incentive Rate-setting
"Custom IR Application" – 2016-2020 Hydro Ottawa Limited Custom Incentive Rate-setting Application
"Decision" – Ontario Energy Board Decision and Rate Order (EB-2015-0004), Hydro Ottawa Limited, issued December 22, 2015
"DRC" – Debt Retirement Charge
"DSP" – Distribution System Plan
"DVA" – Deferral and Variance Account

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

"Energy Probe" – Energy Probe Research Foundation

"ESM" – Earnings Sharing Mechanism

"Filing Requirements" – Ontario Energy Board's Chapter 2 *Filing Requirements for Electricity Distribution Rate Applications*, issued July 16, 2016

"GA" – Global Adjustment

"GS" – General Service

"GS >50kW" – General Service with average monthly demand greater than 50 Kilowatts

"GS <50kW" – General Service with average monthly demand less than 50 Kilowatts

"Guideline" – Ontario Energy Board Guideline G-2008-0001 Electricity Distribution Retail Transmission Service Rates

"HOL" – Hydro Ottawa Limited

"Hydro One" – Hydro One Networks Inc.

"Hydro Ottawa" – Hydro Ottawa Limited

"IESO" – Independent Electricity System Operator

"IFRS" – International Financial Reporting Standards

"IRM" – Incentive Regulation Mechanism

"KPI" – Key Performance Indicators

"kV" – Kilovolt

"kW" – Kilowatt

"kWh" – Kilowatt hour

"LRAM" – Lost Revenue Adjustment Mechanism

"LRAMVA" – Lost Revenue Adjustment Mechanism Variance Account

"LV" – Low Voltage

"MIFRS" – Modified International Financial Reporting Standards

"MWh" – Megawatt hour

"OCEB" – Ontario Clean Energy Benefit

"OEB" – Ontario Energy Board

"OEB Act" – *Ontario Energy Board Act, 1998* (as amended)

"OESP" – Ontario Electricity Support Program

"OM&A" – Operations, Maintenance and Administration
"PA" – Pole Attachments
"Parties" – Parties to the Amended September 18, 2015 Settlement Proposal; Originally Filed September 18, 2015; Refiled December 7, 2015; Approved December 22, 2015 (EB-2015-0004). These Parties consist of Hydro Ottawa Limited, Consumers Council of Canada, Energy Probe Research Foundation, School Energy Coalition, and Vulnerable Energy Consumers Coalition.
"PAWG" – Pole Attachment Working Group
"PILS" – Payments in Lieu of Taxes
"PLCC" – Peak Load Carrying Capability
"Pole Attachment Decision" – Ontario Energy Board Decision and Rate Order on Pole Attachment Charge (EB-2015-0004), issued February 25, 2016
"P&OPEB" – Pension and other Post-Employment Benefit
"PP&E" – Property, Plant and Equipment
"Quebecor" – Quebecor Media
"RCVA" – Retail Cost Variance Account
"ROE" – Return on Equity
"Rogers" – Rogers Communications Partnership
"RPP" – Regulated Price Plan
"RRFE Report" – Report of the Board – *Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach*, issued October 18, 2012
"RRFE" – Renewed Regulatory Framework for Electricity Distributors
"RRR" – Reporting and Record Keeping Requirements
"RTSR" – Retail Transmission Service Rate
"SAIDI" – System Average Interruption Duration Index
"SAIFI" – System Average Interruption Frequency Index
"SEC" – School Energy Coalition
"SIA" – Sustainable Infrastructure Alliance of Ontario
"TELUS" – TELUS Communications Inc.
"TOC" – Transformer Ownership Credit
"UTRs" – Uniform Transmission Rates

"USL" – Unmetered Scattered Load
"USofA" – Uniform System of Accounts
"VECC" – Vulnerable Energy Consumers Coalition
"WCA" – Working Capital Allowance
"WMP" – Wholesale Market Participant
"WMSR" – Wholesale Market Service Rate

2.0 DEFINED TERMS

'Capital expenditure' is the amount spent on a capital project/program in a given year. 'Capital additions' are the amounts that are capitalized for the project/program in a given year and are equal to the sum of the capital expenditures in the year plus the construction work in progress from the previous year minus the construction work in progress for the given year minus any deletions in the year.

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 "the Board") Electricity Distributor License No. ED-2002-0556. Hydro Ottawa distributes electricity to approximately 324,000 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, 2017. This 2017 Rate Application ("Application") represents Hydro Ottawa's first 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."[1] 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."[2]

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

[1] RRFE Report, p. 18.
[2] *Ibid,* pp. 18-19.

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, 2017.

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.[3] 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. The first full year of Hydro Ottawa's Custom IR period (2016) has not yet concluded. Accordingly, and in step with OEB requirements, Hydro Ottawa will submit this annual report in April 2017.

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 renewed strategic plan, *Strategic Direction 2016-2020*, which is included as Attachment 1-2(A).

2.0 BACKGROUND – HYDRO OTTAWA'S CUSTOM IR APPLICATION & OEB DECISION

Hydro Ottawa filed a Custom IR Application (EB-2015-0004) with the OEB on April 29, 2015, in which Hydro Ottawa sought approval for changes to the rates that it charges for electricity distribution for a period of five years, to be effective January 1, 2016 through December 31, 2020.

[3] RRFE Report, p. 20; Approved Settlement Agreement, p. 24.

The following nine parties requested and were granted intervenor status in that proceeding:[4]

- 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").

Hydro Ottawa and four intervenors of record ("the Parties") filed a Settlement Proposal with the OEB on September 18, 2015.[5] Subsequent to an oral hearing process, the 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 Proposal and Procedural Order No. 11 issued November 23, 2015, the OEB accepted 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 construction.

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

[4] 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.

[5] 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.

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.

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..."[6] 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.

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."[7] In the December 22, 2015 Decision, the OEB stated that it would issue a separate decision on the pole attachment charge in due course.

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

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

"[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…"[8]

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, 2017. 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 14, 2016. The timing of Hydro Ottawa's submittal of this Application is in accordance with the filing deadlines set forth in the OEB's letter to licensed electricity distributors, issued July 14, 2016.[9]

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, 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.

[8] EB-2015-0004 Hydro Ottawa Limited *Decision and Rate Order on Pole Attachment Charge*, February 25, 2016, p. 1.
[9] OEB Letter to Licensed Electricity Distributors re: I. Updated Filing Requirements, II. Process for 2017 Incentive Regulation Mechanism Distribution Rate Applications, July 14, 2016, p. 2.

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.

Table 1 – Summary of Remaining Actions from Approved Settlement Agreement

#	Item	Description of Agreed Action	Settlement Agreement Page Number	2017 Rate Application 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

#	Item	Description of Agreed Action	Settlement Agreement Page Number	2017 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[10]	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")	1. 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

[10] Pole Attachment Decision, p. 15.

#	Item	Description of Agreed Action	Settlement Agreement Page Number	2017 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	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
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	HOL will update these rates	Page 25	Exhibit 8 –

#	Item	Description of Agreed Action	Settlement Agreement Page Number	2017 Rate Application Exhibit
	Transmission Service Rates	annually and file update with OEB for approval		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 1499 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 performance has provided suitable outcomes and met expectations of customers	Page 29	Exhibit 1 – Administration
31	Summary of	Summary of going in, annual	Page 59	Exhibit 1 –

#	Item	Description of Agreed Action	Settlement Agreement Page Number	2017 Rate Application Exhibit
	Adjustments	and mid-term adjustments		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[11]	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.

[11] EB-2015-0004 *Decision and Rate Order*, p. 8; OEB Letter to Licensed Electricity Distributors re: I. Updated Filing Requirements, II. Process for 2017 Incentive Regulation Mechanism Distribution Rate Applications, July 14, 2016, p. 2.

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

Item ($millions)	2016	2017	2018	2019	2020	Totals (16-20)
Original Settlement 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 Attachment Decision						
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						
CCRA Payments[1]	$0.2	$0.6	$0.9	$1.3	$1.7	$4.7
Land for New Facilities[1]	$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
Revenue Requirement Including New Regulatory Assets						
Final Revenue Requirement	$175.3	$183.1	$192.6	$200.5	$205.2	$956.7

1. Numbers are estimates based on original budgeted amounts and timing.

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:

a) 2017 revenue requirement, as adjusted by the Pole Attachment Decision as proposed in Exhibit 6-1-1;
b) 2017 electricity distribution rates and charges, as proposed in Exhibit 8-10;
c) Actions related to deferral and variance accounts, as proposed in Exhibit 9, including the establishment of a new deferral and variance account, Standby Revenue Deferral Account; and
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.

Hydro Ottawa requests that its current (i.e. 2016) rates provided in Attachment 8-10(A) be declared interim effective January 1, 2017, as necessary, if the preceding approvals cannot be issued by the OEB in time to implement final rates effective January 1, 2017. 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.

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

5.0 ANNUAL ADJUSTMENTS

Hydro Ottawa has calculated adjustments to its 2017 revenue requirement, consistent with the Approved Settlement Agreement and revised per the Pole Attachment Decision. Hydro Ottawa has used the Cost of Service Models and directions provided by the OEB in July 2016 and August 2016 for 2017 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.[12]
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.	• Group 1 accounts on an annual basis as set out in Table 7 above.[13] • Group 2 accounts when applying for 2019 & 2020 rates except for LRAMVA. As set out in Table 7 above. • New D&V accounts per disposition stipulations set out in Table 7 above.
8	Third Party non-distribution charges	Ad Hoc	Further to OEB direction.

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

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 2017 rates, as calculated by the OEB's RTSR model. 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 2017 will be set using those from the previous year (i.e. 2016). 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 2017. 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 < 50kW 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.

- *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.[14] In this Application, the LV charge has been allocated to the customer classes based on the class percentage of Retail Transmission Connection dollars (using 2017 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"). Per the Pole Attachment Decision, Hydro Ottawa is also requesting the disposition of its Group 2 Pole Attachment Deferral Account. 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.

[14] EB-2005-0529 *Decision with Reasons*, p. 17.

In addition to the aforementioned rate adjustments emanating from the Approved Settlement Agreement, Hydro Ottawa is requesting a new deferral account for Standby Reliability. Hydro Ottawa is proposing a new Reliability Standby Deferral Account to capture any revenues and expenses associated with its proposed Reliability Standby charge. For additional information, please see Exhibit 9-1-2.

6.0 MODELS

Hydro Ottawa has included the following models with this Application:

- Revenue Requirement Workform 2017, filed as Attachment 6-1(A) – The Revenue Requirement Workform provides a summary of the drivers of Hydro Ottawa's 2017 Approved Revenue Requirement, revised by the Pole Attachment Decision. The workform also provides summaries related to load forecast, cost allocation, and rate design.

- 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.

- 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.

- 2017 RTSR Model, filed as Attachment 8-3(A) – The RTSR Model 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.

- EDDVAR Continuity Schedule, filed as Attachment 9-2(A) – The EDDVAR Continuity Schedule provides a five-year Account level history of Deferral and

Variance Accounts, including recent disposition history, and worksheets to facilitate designing rate riders for requested Account dispositions.

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.

1 **Table 4 – Bill Impacts**

2

Rates Summary			
Rate Class		**2016 Approved**	**2017 Proposed**
Residential (800 kWh)	Distribution Charge	$ 28.40	$ 28.68
	Change in Distribution Charge		$ 0.28
	% Distribution Increase		**0.99%**
	% Increase of Total Bill - No VA		0.24%
	% Increase of Total Bill		0.00%
Residential (750 kWh)	Distribution Charge	$ 27.44	$ 27.93
	Change in Distribution Charge		$ 0.49
	% Distribution Increase		**1.79%**
	% Increase of Total Bill - No VA		0.42%
	% Increase of Total Bill		0.16%
Residential (640 kWh)	Distribution Charge	$ 25.31	$ 26.26
	Change in Distribution Charge		$ 0.95
	% Distribution Increase		**3.76%**
	% Increase of Total Bill - No VA		0.88%
	% Increase of Total Bill		0.60%
Residential (232 kWh)	Distribution Charge	$ 17.44	$ 20.10
	Change in Distribution Charge		$ 2.67
	% Distribution Increase		**15.29%**
	% Increase of Total Bill - No VA		5.40%
	% Increase of Total Bill		4.80%
General Service <50kW (2000 kWh)	Distribution Charge	$ 60.43	$ 63.29
	Change in Distribution Charge		$ 2.86
	% Distribution Increase		**4.73%**
	% Increase of Total Bill - No VA		0.94%
	% Increase of Total Bill		0.80%
General Service 50-1,499 kWh (250 KW)	Distribution Charge	$ 1,217.65	$ 1,281.13
	Change in Distribution Charge		$ 63.48
	% Distribution Increase		**5.21%**
	% Increase of Total Bill - No VA		0.43%
	% Increase of Total Bill		-2.72%

Rates Summary			
Rate Class		**2016 Approved**	**2017 Proposed**
General Service 1,500-4,999 kWh (2500 KW)	Distribution Charge	$ 13,329.18	$ 13,989.18
	Change in Distribution Charge		$ 660.00
	% Distribution Increase		**4.95%**
	% Increase of Total Bill - No VA		0.44%
	% Increase of Total Bill		-2.66%
Large Use (7500 KW)	Distribution Charge	$ 41,287.82	$ 43,130.57
	Change in Distribution Charge		$ 1,842.75
	% Distribution Increase		**4.46%**
	% Increase of Total Bill - No VA		0.40%
	% Increase of Total Bill		-2.76%
Sentinel Lighting (0.4 KW)	Distribution Charge	$ 7.54	$ 7.95
	Change in Distribution Charge		$ 0.41
	% Distribution Increase		**5.46%**
	% Increase of Total Bill - No VA		1.96%
	% Increase of Total Bill		2.01%
Street Lighting (1 KW)	Distribution Charge	$ 6.07	$ 6.45
	Change in Distribution Charge		$ 0.38
	% Distribution Increase		**6.31%**
	% Increase of Total Bill - No VA		1.28%
	% Increase of Total Bill		-0.26%
Unmetered Scattered Load (470 kWh)	Distribution Charge	$ 14.71	$ 15.22
	Change in Distribution Charge		$ 0.51
	% Distribution Increase		**3.46%**
	% Increase of Total Bill - No VA		0.73%
	% Increase of Total Bill		1.06%

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 SERVICE OF NOTICE

Hydro Ottawa proposes to publish a notice of this Application in the *Ottawa Citizen* and *LeDroit* newspapers, and post a copy of the Application on Hydro Ottawa's website (www.hydroottawa.com). The *Ottawa Citizen* is a daily newspaper serving the Ottawa area. *LeDroit* is a daily newspaper serving French-speaking communities in the Ottawa-Gatineau area. According to the latest data, the *Ottawa Citizen* and *LeDroit* have total average weekday circulations of approximately 105,614 and 34,755, respectively.[15] Hydro Ottawa chooses these publications due to their significant reach into the English- and French-speaking communities within the City of Ottawa and the Village of Casselman.

In addition, with the aim of maximizing stakeholder engagement and awareness, Hydro Ottawa proposes to serve notice directly on current standby customers and customers who have shown interest in standby services, as well as relevant licensed electricity retailers, regarding the submittal of this Application and its proposed adjustments to Hydro Ottawa's rates and charges.

10.0 CONTACT INFORMATION

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

[15] Newspapers Canada, 2015 Daily Newspaper Circulation Spreadsheet.

All of which is respectfully submitted this 15th day of August, 2016.

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."[1] 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."[2]

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 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

[1] RRFE Report, p. 18.
[2] *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."[3]

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 is included as Attachment 1-2(A).[4] 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.

[3] EB-2015-0004 Hydro Ottawa Limited *Decision and Rate Order*, December 22, 2015, p. 1.
[4] Hydro Ottawa's new *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.

HydroOttawa

A leading partner in a smart energy future

Strategic Direction 2016-2020

Our Mission

To create long-term value for our shareholder, benefitting our customers and the communities we serve

Our Organizational Values

Teamwork, Integrity, Excellence and Service

Our Vision

Hydro Ottawa – a leading partner in a smart energy future

Contents

1. Overview of Strategic Direction

1.1 INTRODUCTION

This 2016-2020 Strategic Direction provides an overview of Hydro Ottawa's business strategy and financial projections for the next five years. It is designed to inform our shareholder and all other stakeholders about the most important trends shaping our business environment, and how the company intends to respond to them.

Like those that preceded it – issued in 2008 and 2012 respectively – this Strategic Direction sets out a balanced program for strong performance in our existing operations, coupled with sustainable and profitable business growth. Our strategy is customer-centric, financially responsible, and responds to a strategic environment that has changed in important ways since the publication of our last Strategic Direction document.

The objectives outlined in Hydro Ottawa's 2012 Strategic Direction have largely been accomplished. Notably, the company has increased its renewable generation capacity several-fold during that period. From 22 megawatts at the beginning of 2012, our renewable generation capacity is now 79 megawatts (including joint ventures). The current expansion project at Chaudière Falls, scheduled for completion in 2017, and the purchase of Hydro Quebec's generation assets at Chaudière Falls, which we expect to complete in the coming months, would bring this total to 128 megawatts – enough clean, renewable energy to power 107,000 homes. Hydro Ottawa has also made important progress on enhancing customer value, operational effectiveness, and our contribution to the community.

Powered by strategic growth and positive performance in existing operations, Hydro Ottawa has exceeded the financial projections set out in our 2012 Strategic Direction each year. The company has also exceeded the stretch target of an additional $10 million in net income over the five-year period, having achieved an additional $16 million in net income, above annual targets, over the first four years of the plan.

These accomplishments, combined with the changes that have occurred in our business environment, mean that it is time to set new goals and refresh our strategy.

1.2 STRATEGY

Our stakeholders will find much that is familiar in this 2016-2020 Strategic Direction. It refreshes, rather than replaces, the corporate strategy outlined in the 2012-2016 Strategic Direction.

Our core mission and mandate remain the same: we will continue to create value for our shareholder, our customers and our community through excellence in the delivery of electricity and related services.

Likewise, our four Key Areas of Focus – the critical areas of performance that guide our planning and operations – remain the same: we will continue to focus on Customer Value, Financial Strength, Organizational Effectiveness, and Corporate Citizenship, with Customer Value continuing to be the central driver of business strategy. These Areas of Focus have stood the test of time and have driven our success to date.

Moreover, our business lines remain unchanged: they will continue to be electricity distribution, renewable energy generation, and energy and utility services.

However, we are operating in a strategic context that has evolved significantly since our last Strategic Direction. And Hydro Ottawa is a different company in important ways than it was in 2012, including the scale of its renewable generation business. In view of these realities, we have outlined a new Vision in this Strategic Direction – to be *a leading partner in a smart energy future*.

This Vision is described in detail in Section 4 of this Strategic Direction. In essence, it recognizes that the electricity service model is in the midst of significant transformation – taking on a more decentralized, customer-centric, technologically advanced and environmentally sustainable form – and the role of local electrical utilities will be transformed along with it.

Our strategy for responding to this emerging landscape involves:

- Taking customer experience to the next level;
- Continuing to achieve strategic growth, including continued growth in our renewable energy business, evaluating opportunities to grow our electricity distribution business, and expanding the range of services we provide;
- Ensuring access to capital for growth;
- Making sure we have the right skill sets and organizational capacity to deliver on existing and new business lines;
- Continuing to enhance operational performance, including productivity and safety;
- Delivering on critical projects such as the Chaudière expansion project;
- Continuing to build public confidence and trust; and
- Being ready to embrace change and disruption in our industry.

Our aim is to be the trusted energy advisor for our customers – large and small – and our community. We believe Hydro Ottawa's experience and core capabilities, and its position as a City-owned utility, make it uniquely suited to this role. As the energy needs and options of our customers and our community evolve, and as signature projects and developments proceed, Hydro Ottawa will play a leading role in helping our City to transition to a smart energy future.

...we believe this strategy for the company's future presents a balanced program for solid performance, adaptation to a changing business environment, and sustainable and profitable business growth.

We will also continue to grow shareholder value, maintaining a focus on strategic business growth within our core areas of strength. As noted above, Hydro Ottawa has significantly increased shareholder value through strategic growth over the past several years, particularly in our renewable generation business. As we continue to pursue this strategy, access to capital will be critically important. Among several approaches to meet this requirement, the company is seeking an amendment to its dividend policy. The amended policy would provide higher than historical dividends to our shareholder, while retaining some of the increased profits from growth within the company, to ensure we continue to enjoy access to capital on favourable terms and to safeguard our credit rating.

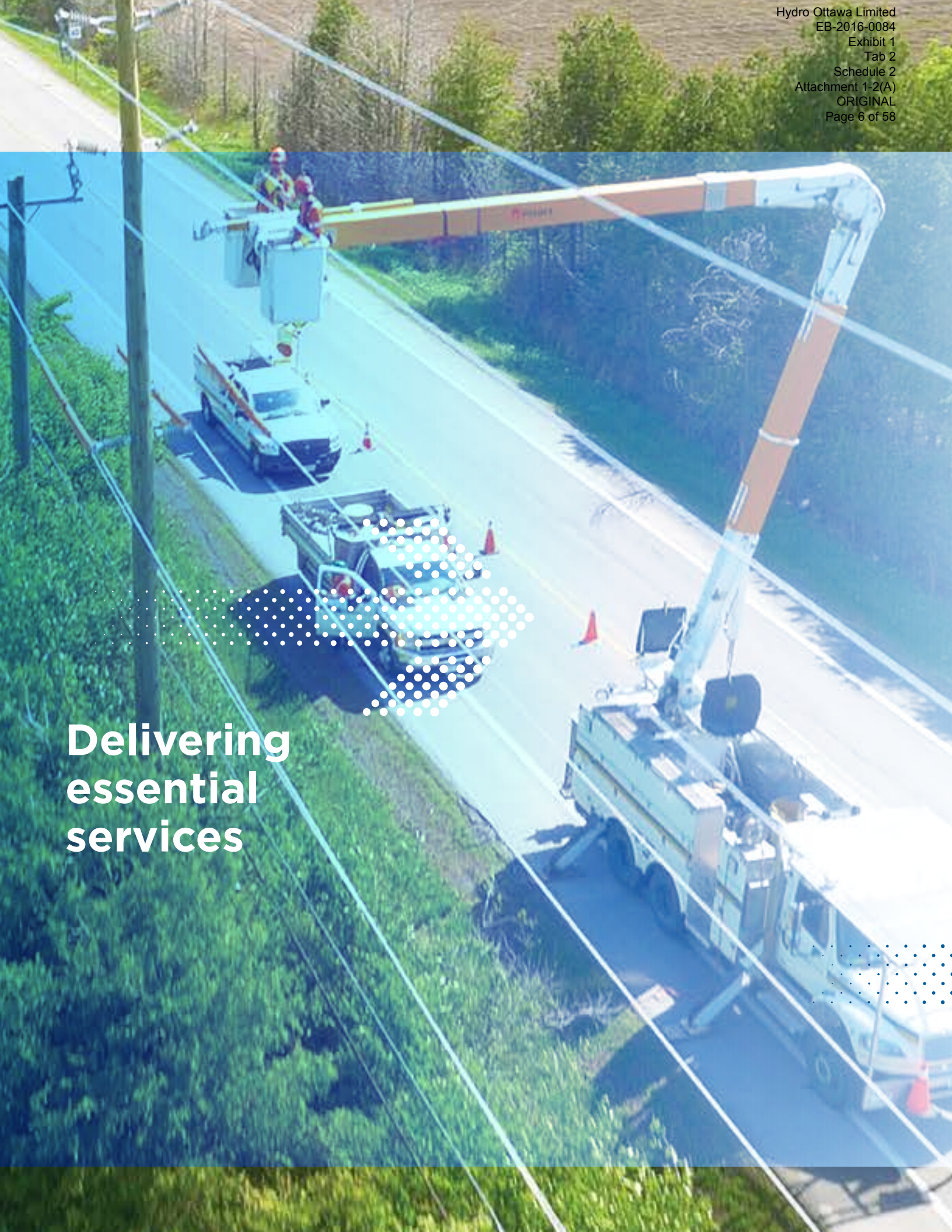
Taken as a whole, we believe this strategy for the company's future presents a balanced program for solid performance, adaptation to a changing business environment, and sustainable and profitable business growth.

1.3 FOUR STRATEGIC OBJECTIVES

Hydro Ottawa's success in the past has been achieved by focusing on four critical areas of performance – our four Key Areas of Focus. In each of these areas, we have set one overarching objective:

- **CUSTOMER VALUE:** We will deliver value across the entire customer experience;
- **FINANCIAL STRENGTH:** We will create sustainable growth in our business and our earnings;
- **ORGANIZATIONAL EFFECTIVENESS:** We will achieve performance excellence; and
- **CORPORATE CITIZENSHIP:** We will contribute to the well-being of the community.

These four areas of focus and strategic objectives will continue to guide our activities through the current plan. As in our previous Strategic Direction, the area of Customer Value takes on central importance.



Delivering essential services

2. Our Business

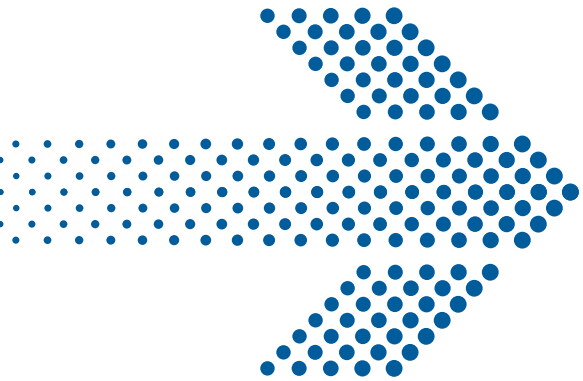
Hydro Ottawa Holding Inc., (Hydro Ottawa) is 100 percent owned by the City of Ottawa. It is a private company, registered under the Ontario *Business Corporations Act*, and overseen by an independent Board of Directors consisting of 11 members appointed by City Council. The core businesses of the Corporation are electricity distribution, renewable energy generation and related services. Hydro Ottawa owns and operates two subsidiary companies. In view of significant growth in the company's renewable generation portfolio, it is expected that other operating companies will be created during the course of this Strategic Direction, allowing for the separation of the energy services and renewable generation business lines currently housed within Energy Ottawa Inc.

Hydro Ottawa Limited

Hydro Ottawa Limited is a regulated electricity distribution company operating in the City of Ottawa and the Village of Casselman. As the third-largest municipally owned electrical utility in Ontario, Hydro Ottawa Limited maintains one of the safest, most reliable and cost-effective electricity distribution systems in the province, and serves over 324,000 residential and commercial customers across a service area of 1,100 square kilometres. As a condition of its distribution licence, the company is required to meet conservation and demand management targets established by the Ontario Energy Board. The company's customer base grows by an average of 1 percent per year.

Energy Ottawa Inc.

Energy Ottawa is the largest municipally owned producer of green power in Ontario, and a provider of commercial energy management services. It owns and operates six run-of-the-river hydroelectric generation plants at Chaudière Falls in Ottawa's core, and 10 additional run-of-the-river facilities in Ontario and upper New York State. Energy Ottawa also holds interests in two landfill gas-to-energy joint ventures that convert millions of tonnes of previously flared-off methane gas into renewable energy at the Trail Road landfill site in Ottawa and the Laflèche landfill site in Moose Creek, Ontario. In total, this represents a generation capacity of more than 79 megawatts annually, which is enough to power 62,000 homes. A multi-year project to expand Energy Ottawa's Ontario generation facilities at Chaudière Falls is under way, with completion scheduled for 2017, and a transaction for the purchase of Hydro Quebec's generating assets at Chaudière Falls is expected to close in the coming months. When both of these initiatives are complete, the company will have over 128 megawatts of installed green generation capacity.



Understanding the changing business environment

3. Strategic Context

3.1 BUSINESS ENVIRONMENT

If the words "electric utility" evoke a familiar image, it is because the basic business model of electricity service has not changed very much in the past 125 years. But that model is now in the midst of a significant shift – one that will ultimately make customers the most important players in the electricity market. This emerging reality of customer centrality is the most important driver of Hydro Ottawa's business strategy for the next five years and beyond.

The prototype for today's electricity system emerged in the wake of the "current wars" of the 1880s and '90s. Nikola Tesla's patents for alternating current technology (AC), backed by the industrial resources of George Westinghouse, allowed the cost-effective transmission of high voltage electricity over long distances starting in the 1880s. The resulting economies of scale proved too much for Thomas Edison's direct current (DC) technology to compete with, since Edison's system relied on small scale generation happening close to the consumer. When Edison's company joined with a major competitor to form General Electric in 1892, and embraced AC technology, the paradigm was set: large scale generation, high-voltage transmission over long distances, and then delivery to homes and businesses through local distribution networks, like the one operated by Hydro Ottawa. Power flowed in a single direction, without much involvement or control from the end user.

This model has served us well, but today, it is incapable of doing everything we need it to do. Transformation is well under way. It involves significant improvements to the centralized system of electricity supply, along with developments that would undoubtedly make Edison smile: increases in distributed generation, storage, and user control. If Edison and Westinghouse were alive today, they might well be business partners instead of arch rivals.

3.1.1 THE MAIN DRIVERS OF TRANSFORMATION

There are several reasons for the changes under way. The main drivers are cost, technology, and public policy and regulation relating to energy and related matters.

These three drivers of change are combining in ways that position customers to be much more active participants in the power system and the power market. Indeed, electricity consumers are poised to become the most influential actors in a new energy landscape – a dramatic break from the passive role consumers have traditionally played in electricity markets. This transformation to a more customer-driven and customer-centric model of electricity will present opportunities for energy providers that are able to innovate, and challenges for those that fail to adapt.

In terms of cost, the very scale of the centralized system makes it expensive to maintain. Electrical equipment is due for replacement at an unprecedented scale across Ontario and beyond, requiring massive and sustained capital investments. For Ontario local distribution networks alone, the Conference Board of Canada estimated that $21 billion would need to be invested between 2011 and 2030 to replace and refurbish aging infrastructure and facilitate smart grid developments, not to mention a further $60 billion for generation and $5.5 billion for transmission.

These cost factors, plus environmental concerns, have led to a greater focus on energy efficiency and conservation – for consumers, utilities, system operators, and policy makers. Indeed, Ontario has adopted a "Conservation First" approach to energy policy and planning, on the

premise that the cheapest kilowatt is the one that never has to be generated in the first place. According to Ontario's Long-Term Energy Plan (2013), conservation accounted for approximately 5 percent of Ontario's "energy supply" in 2013 (meaning 5 percent less generation was required), and this is projected to grow to 16% by 2032.

This focus on conservation, along with dramatic improvements in the efficiency of appliances such as TVs and refrigerators and the decline in mass production manufacturing across North America, means that electricity consumption has remained static. In Ottawa, average household consumption declined by about 7.5 percent between 2010 and 2014. As a result, despite continued growth in the number of connected customers, the volume of electricity delivered through Hydro Ottawa's distribution system dropped by 2.2 percent. This poses a challenge to the traditional utility business model based on a rate per kilowatt consumed by the customer.

At the same time, innovation is steadily reducing the cost of localized, or "distributed" generation (mainly renewables like solar and wind) and energy storage, such that they are expected to eventually be price competitive with centralized generation. Indeed, depending on the technology and the jurisdiction involved, this situation of "grid parity" may not be far off. The growing maturity and affordability of distributed energy technologies such as solar generation, storage, and geo-thermal heating is expected to reshape the energy supply landscape. Customers will increasingly produce a portion of the energy they need on site, or become sellers of energy as well as consumers.

A similar trend can be seen with electric vehicles (EVs), where innovation is steadily bringing down costs. While market penetration is currently low, consumer interest is very high, and EV sales are likely to grow exponentially as costs decline.

Coinciding with these technological advances is the policy imperative of reducing carbon emissions in response to the threat of climate change. This reinforces interest in renewables both at the micro scale and the utility scale, and the electrification of transportation through EVs. Investors are responding at an unprecedented level. Globally in 2015, they invested $285.9 billion in renewable generation (excluding large hydro-electric dams) – more than double the amount invested in new coal or gas generation.

Another technological trend transforming the utility paradigm is the emergence of the Smart Grid through the convergence of information technology with grid technologies. The ability to see what is happening in the grid, apply sophisticated data analytics, and respond remotely without sending utility trucks has already reshaped utility control rooms. Next, the sharing of grid information and control with customers, and the ability to use data and analytics to provide personalized service, will transform the consumer's relationship with the power system.

The role of information technology in transforming the utility landscape cannot be overstated. It has transformed customer service approaches across many industries, and the electricity sector will be no exception. The opportunities for customized service and consumer control are growing daily, as are customer expectations for choice, convenience and responsiveness, informed by their experience with other industries. The ability to access information and complete transactions "anywhere, anytime" through mobile technology is increasingly a baseline expectation.

Equally important, it is not just customers who are connected everywhere and all the time; increasingly, so are their homes, appliances, equipment and vehicles through the emerging internet of things. While utilities will continue to manage the grid, Smart Grid technologies and the internet of things will "connect the customer to the control room", giving them a much bigger role. The consumer's home, office, store, farm, or factory is becoming an integral part of the power system, and their laptops or mobile devices are becoming interconnected with the system control room.

The internet of things has broad implications for the electricity industry. It is likely to result in significant product innovation, game-changing partnerships, and converging markets, as both new and existing market participants seek to enable customers to harness its potential for efficiency, revenue generation, convenience, control and environmental performance. In essence, it creates a new "digital ecosystem" for energy to which utilities will have to adapt. It opens the door for energy market participants that exist purely in the digital space – a scenario that has led to creative disruption in many other industries, from movie rentals to transportation to hotel accommodation and many more. In the electricity industry, it is likely that the market for "behind the meter" products and services will increase as a proportion of the total energy dollar.

At Hydro Ottawa, we've been preparing for these changes for a number of years. Our two previous multi-year Strategic Direction documents both placed significant emphasis on modernization and preparation for change, from a technological, customer service, and business model perspective. This Strategic Direction is squarely in the same vein, building upon those that preceded it to embrace change in our industry. We believe local electrical utilities will be more relevant than ever in this new landscape, but their role will change, along with those of every other player in the system – consumers, system operators, generators, transmission utilities, and regulators included.

The transformation to a more customer-driven and customer-centric model of electricity will present opportunities for energy providers that are able to innovate....

The opportunities for customized service and consumer control are growing daily, as are customer expectations for choice, convenience and responsiveness....

These changes are likely to be driven at the consumer level. Customers who have options for localized generation and storage, and ready access to smart home technology, are unlikely to be content to be passive consumers. Customer choice, convenience and control are not only possible, but increasingly expected. Some will want to be sellers of energy, not just buyers – what are sometimes called "prosumers" (producers and consumers). Or to "sell" a reduction in their consumption at times of peak demand, referred to as "demand response" (or the sale of "negawatts"). Technology makes this relevant not just to large and sophisticated commercial and industrial facilities – the traditional audience – but increasingly to average homes and businesses, because they can participate without even thinking about it. Working through intermediaries called "aggregators", they can take a "set and forget" approach, selling "negawatts" when the price is right, since aggregator systems can communicate directly with their appliances and heating and cooling systems. In the same way that smart phones have transformed business models in other industries, smart homes (and smart commercial, industrial and institutional facilities) are likely to transform the energy industry.

The pace of this change may vary from one customer segment to another. Large businesses and institutions are likely to be – and in some cases already are – early adopters of distributed generation, demand response and energy management because the potential benefits are substantial and the related investments are not prohibitive. Farms and warehouses may be equally interested. The residential segment may be slower to adopt, particularly where the upfront costs are high. However, it seems likely that smart energy design – including distributed generation, micro-grids, EV infrastructure and energy efficiency – will increasingly be a focus for new subdivisions and high-rise developments, particularly if government standards emerge that encourage or require this.

3.1.2 THE OPPORTUNITIES RESULTING FROM TRANSFORMATION

The impacts of the changes described above depend on where one is located in the energy ecosystem. Of all electricity sector participants, local distribution companies are closest to the customer, and will be directly affected by the shift to customer centrality. They will see new opportunities, as well as a need for transformation in the way they do business.

A key enabler for many of developments described in the preceding section – from demand response markets to the integration of more distributed generation and widespread use of EV's – will be a reliable – and smart – local electricity distribution network. One that allows power to flow in both directions, and responds effectively to fluctuations in supply and demand, coupled with sophisticated back office functionality capable of handling complex transactions.

More broadly, there are opportunities to leverage the modernization of electricity infrastructure and services to create not just a Smart Grid, but smart communities and a smart city. Landmark developments and municipal projects proposed or under way in Ottawa – such as light rail transit, the redevelopment of Lebreton Flats, and the transformation of the Chaudière Falls district – will change the face of the nation's Capital in important ways. If properly leveraged through collaboration, these signature projects can have an even more transformative impact. Hydro Ottawa – as a municipally-owned and community-minded company – will seek opportunities to collaborate on innovative energy solutions for our community, becoming a leading partner in a smart energy future.

The shift toward renewable energy driven by improving technology and concerns over climate change also presents an opportunity for utilities with expertise in this area. According to Bloomberg New Energy Finance, global clean energy investment has grown almost six-fold since 2004, and reached record levels in 2015.

...renewable energy is expected to grow as a proportion of Ontario's energy mix, from 31 percent of installed capacity in 2013 to 46 percent in 2025....

The UN Environment Programme reports that renewable energy (excluding large hydro) made up the majority of gigawatts of new generating capacity installed in 2015 for the first time ever, at 53.6%. These trends are evident in Ontario, where renewable energy is expected to grow as a proportion of Ontario's energy mix, from 31 percent of installed capacity in 2013 to 46 percent in 2025 (including large hydro), and from 44 terawatt hours of production to 68 terawatt hours by 2025.

Hydroelectricity, which represents the bulk of Hydro Ottawa's renewable energy production, plays an important role in Ontario's Long Term Energy Plan (2013). More than half of Ontario's current renewable energy supply, and over 20 percent of the province's electricity supply overall, comes from hydroelectric facilities. Generation from this source is expected to grow to 42.2 terawatt hours by 2025 – a 19 percent increase over 2013 levels.

In addition to the indispensable role of local distribution utilities in providing the Smart Grid, and the opportunities associated with utility-scale renewables, there will also be new opportunities for utilities that are able to anticipate and meet the changing needs and expectations of customers for energy-related services. As the range of customer options for energy expands, so will the market for services that help them to generate, sell, store, manage and conserve energy, and reduce their costs and greenhouse gas emissions.

The customer proximity, assets and expertise of local distribution utilities mean they are uniquely well-placed to transform the last mile of the 125-year-old model, serving as the interface between customers and the new energy system, and proactively seeking opportunities to accelerate the adoption of smart energy technologies. Many customers see their local utilities as the preferred partner in value-added energy services. This "trust advantage" presents opportunities for an expanding range

of services, and makes utilities an ideal strategic partner for other market participants who offer innovative energy solutions, but enjoy lower brand recognition and consumer trust. Consumer interest in small-scale renewables and energy storage is strong and growing, and utilities are well-placed to offer these options to their customers through new service offerings. Given the opportunity to work with a trusted partner such as their local utility, many more homes and businesses may choose to become producers of energy as well as consumers. EV infrastructure is another emerging customer need that utilities are well-positioned to meet.

3.1.3 KNOWING THE CUSTOMER AND RESPONDING TO THEIR NEEDS

Customer centrality represents the single most important change in the fundamentals of the utilities business. It has been the key driver of Hydro Ottawa's business strategy over the past several years, and will continue to be our focus over the next five years. The customer value we provide "up to and beyond the meter" will drive our financial strength and business growth, our operational efficiency and effectiveness, and our contributions to the well-being of our community.

As the customer's place within the electricity system evolves, successful utilities will be those that recognize that customers are not all the same, and adapt and tailor their service delivery to the specific needs of individual customers, leveraging technology to enhance the customer experience and increase operational agility. The tools exist for utilities to understand and engage their customers at an individual level, and provide truly personalized service. Leveraging the power of big data, the capabilities of the Smart Grid and the convenience of mobile technology, utilities can anticipate and meet customer needs with increasing precision, offer service "anytime, anywhere", and create a more effortless customer experience. A willingness to invest in the skills, culture, technology and practices needed to leverage those tools will be a key difference between leading and trailing utilities in a more customer-centric landscape.

3.2 POLICY AND REGULATORY ENVIRONMENT

Policy and regulatory responses to a range of issues can have a significant impact on our business environment. Containing rising electricity rates while facilitating much-needed infrastructure and technology investments is a key challenge facing regulators and policy makers, as is the need to limit and respond to climate change.

3.2.1 CONSOLIDATION

One response to electricity cost concerns has been to encourage utility consolidation to achieve economies of scale. In 1996, there were 307 municipal electrical utilities (MEUs) serving Ontario customers. Today there are 73. Hydro Ottawa itself resulted from the amalgamation of five MEUs at the time of the City's amalgamation. This number will continue to drop, as mergers and acquisitions within the sector continue to be pursued. Consolidation has been a policy recommendation of many panels and commissions, including the Advisory Committee on Competition in Ontario's Electricity System in 1996 (the "Macdonald Committee"), the Ontario Distribution Sector Review Panel in 2012 (the "Elston Panel"), the Commission on the Reform of Ontario's Public Services, also in 2012 (the "Drummond Report"), and the Premier's Advisory Council on Government Assets that reported in 2015 (the "Ed Clark Report").

Three recent developments make the issue of consolidation particularly relevant at the present time. First, three MEUs in the Greater Toronto Area and Hamilton have proposed to merge (Enersource Corporation, PowerStream Inc. and Horizon Utilities Corporation) and to acquire Hydro One Brampton Inc. from the province of Ontario. This merger – which must still secure regulatory approval – would create Ontario's largest MEU, serving nearly a million customers. Second, the province recently divested 15 percent of its interest in Hydro One through an initial public offering (IPO), and has plans for up to three more share offerings, divesting up to 60 percent of its interest in total. In parallel with this IPO, Hydro One has pursued acquisitions of certain MEUs, and further expansion efforts can likely be expected. Third, in order to encourage consolidation, the province has exempted utilities from paying capital gains tax on utility dispositions from January 1, 2016 to December 31, 2018, and provided partial relief from the electricity transfer tax that applies to sales of utility assets to the private sector. These developments will likely increase the momentum toward consolidation in the sector, and more mergers and acquisitions can likely be expected. For example, three MEUs operating east and north of Toronto – Veridian Corporation, Oshawa Power and Utilities Corporation and Whitby Hydro Energy Corporation – recently announced that they have signed a memorandum of understanding to explore the benefits and feasibility of a merger.

Hydro Ottawa's main focus with respect to consolidation has been the acquisition of Hydro One customers within the City of Ottawa, to complete the consolidation of electricity services that was left incomplete at the time of municipal amalgamation. However, within the current regulatory framework, a commercially viable transaction to acquire these customers has not been possible, and discussions with Hydro One were discontinued in 2015. Consolidation with other Eastern Ontario utilities outside of Ottawa could also potentially benefit customers and our shareholder, and Hydro Ottawa remains open to considering such opportunities.

Fiscal pressures faced by the Province of Ontario have also prompted a rationalization of the regulatory framework, including a reduction in the number of regulatory agencies, in particular through the merger of the Ontario Power Authority with the Independent Electricity System Operator (IESO).

Given the opportunity to work with a trusted partner such as their local utility, many more homes and businesses may choose to become producers of energy as well as consumers.

3.2.2 PERMITTED BUSINESS ACTIVITIES

There has also been a growing recognition that meeting the above policy objectives, and responding to changing customer needs and expectations, will require utilities to adopt new business models. It is no longer realistic to regard distribution, generation and energy management as distinct and isolated activities and barriers to utility collaboration across service territories may prevent efficiencies that could be achieved through means other than mergers or acquisitions. To that end, amendments to the *Ontario Energy Board Act* that were adopted in 2015 (through Bill 112) have removed certain restrictions on the business activities of local distribution company affiliates, and relaxed restrictions on the activities of distributors themselves. This will afford opportunities to achieve efficiencies, develop new revenue streams, and provide seamless energy-related offerings to customers.

In view of these developments, it seems likely that utility revenues will in future be made up of a greater mix of regulated distribution service charges and new revenue streams that result from leveraging the utility's core competencies to provide value-added services. The customers for these services may be within or outside of the distributor's traditional service territory, and in some cases may be other utilities. The continued push to transition to renewable energy sources also represents a continued revenue opportunity for utilities that have a core strength in this area, such as Hydro Ottawa.

3.2.3 RATE STRUCTURES

In parallel, the Ontario Energy Board has directed electricity distributors, including Hydro Ottawa, to transition to a fixed-charge approach to distribution service charges over the next four years. This reflects the centrality of the local distribution system to energy modernization,

and is aimed at providing adequate resources to maintain it regardless of consumption levels. At the same time, revenue growth from distribution charges is expected to be modest due to an emphasis on cost control at the policy, regulatory, and utility levels.

3.2.4 CLIMATE CHANGE

Beyond economic and cost considerations, the policy and regulatory landscape for electricity is and will continue to be profoundly shaped by the policy objective of reducing greenhouse gas emissions (GHGs) to limit climate change. Ontario has announced that it will implement a cap-and-trade program to reduce GHGs to 15 per cent below 1990 levels by 2020 and 80 per cent below 1990 levels by 2050. The federal government has strongly signalled that a national initiative to put a price on carbon will be forthcoming, though the shape of that program and its relationship to provincial initiatives remains to be seen. Electricity can be a very low-carbon energy source, and is therefore well-placed to be part of the solution, but improved efficiency and changes in supply mix will undoubtedly be required. This means the policy focus on renewable energy, energy conservation and demand response can be expected to continue and intensify. In addition, utilities can expect increasing demands to reduce the carbon intensity of their own operations. The same will be true of other businesses and institutions, which could increase demand for energy services that Hydro Ottawa is well-placed to provide.

3.2.5 RENEWABLE ENERGY

Ontario's approach to the procurement of renewable energy continues to evolve. In general, it has become more competitive. Micro-scale renewable projects (10 kilowatts and under) continue to be accepted for premium pricing under the micro-FIT program (or micro-Feed-in-Tariff), up to an annual cap, which in 2015 was 50 megawatts. Projects of between 10 and 500 kilowatts can bid into the FIT program (FIT 4) during defined application periods. In 2015, the program accepted applications for three weeks in October, and received applications representing 2.4 times the capacity to be awarded. Prices offered under these programs (FIT 4 and micro-FIT) are reviewed annually. It is possible that they could evolve from premium-price procurement programs into a net metering program (with power being used by the home or business and only the excess being sold into the grid) as the cost of small-scale renewables continues to decline. Power-purchase agreements for larger-scale renewables (more than 500 kilowatts) are awarded through the Large Renewable Procurement (LRP) program, which involves highly competitive procurement rounds conducted by the IESO. In some cases, the Minister of Energy has also directed the IESO to enter into negotiations for a power purchase agreement relating to a specific facility in order to achieve energy policy objectives.

3.2.6 CONSERVATION AND DEMAND RESPONSE

Provincial energy policy continues to emphasize conservation under a "Conservation First" approach to energy planning. Under this framework, the province is committed to investing in conservation first, before new generation, where this is a cost-effective solution.

Conservation is aimed at reducing the volume of electricity consumed over a period of time (for example, a month or a year). Demand reduction, also called demand response, is a complementary effort aimed at reducing the quantity of energy required at any one point in time – specifically, at times of peak demand. Time-of-use rates present one means of achieving this; another is to pay customers to reduce consumption when demand is highest. The IESO recently completed its first demand response (DR) auction – a mechanism to pay for demand reduction ("negawatts") rather than purchasing additional power ("megawatts") at times of peak demand – and has stated that it will eventually shift the procurement of DR resources from contracts to a market-based mechanism that is more flexible and cost-effective for ratepayers. For now, auctions will occur on an annual basis, but in the future DR resources may bid into the spot market alongside generators and imports.

Demand response is currently projected to account for 5 percent (or 2,242 megawatts) of Ontario's electricity supply capability by 2025, but recent developments in the United States suggest demand response may come more quickly, and on a larger scale, than many have anticipated. The Federal Energy Regulatory Commission (FERC) issued Order 745 instructing market operators in the US (similar to Ontario's IESO) to allow demand response ("negawatts") to bid into the electricity market on the same terms as generation ("megawatts"). This Order was originally quashed by a court on the grounds that FERC did not have jurisdiction to issue it, but that decision has recently been overturned by the US Supreme Court. It is expected that this decision will result in a significant growth in the demand response market in the US. Navigant Research projects that the global market for demand response will grow from just 31 gigawatts in 2014 to about 197 gigawatts by 2023 – an increase of more than 500 percent – with revenues growing from $1.6 billion to $9.7 billion. Given the highly integrated nature of North American power markets, and the stated interest of the IESO in this type of approach, it seems likely that a dramatic upscaling of demand response in the US would eventually translate into greater adoption in Ontario as well. While DR has not been a significant factor in Ottawa to date, due to the absence of a large industrial base, it could become more relevant when and if a significant market develops for aggregated residential and commercial demand response.

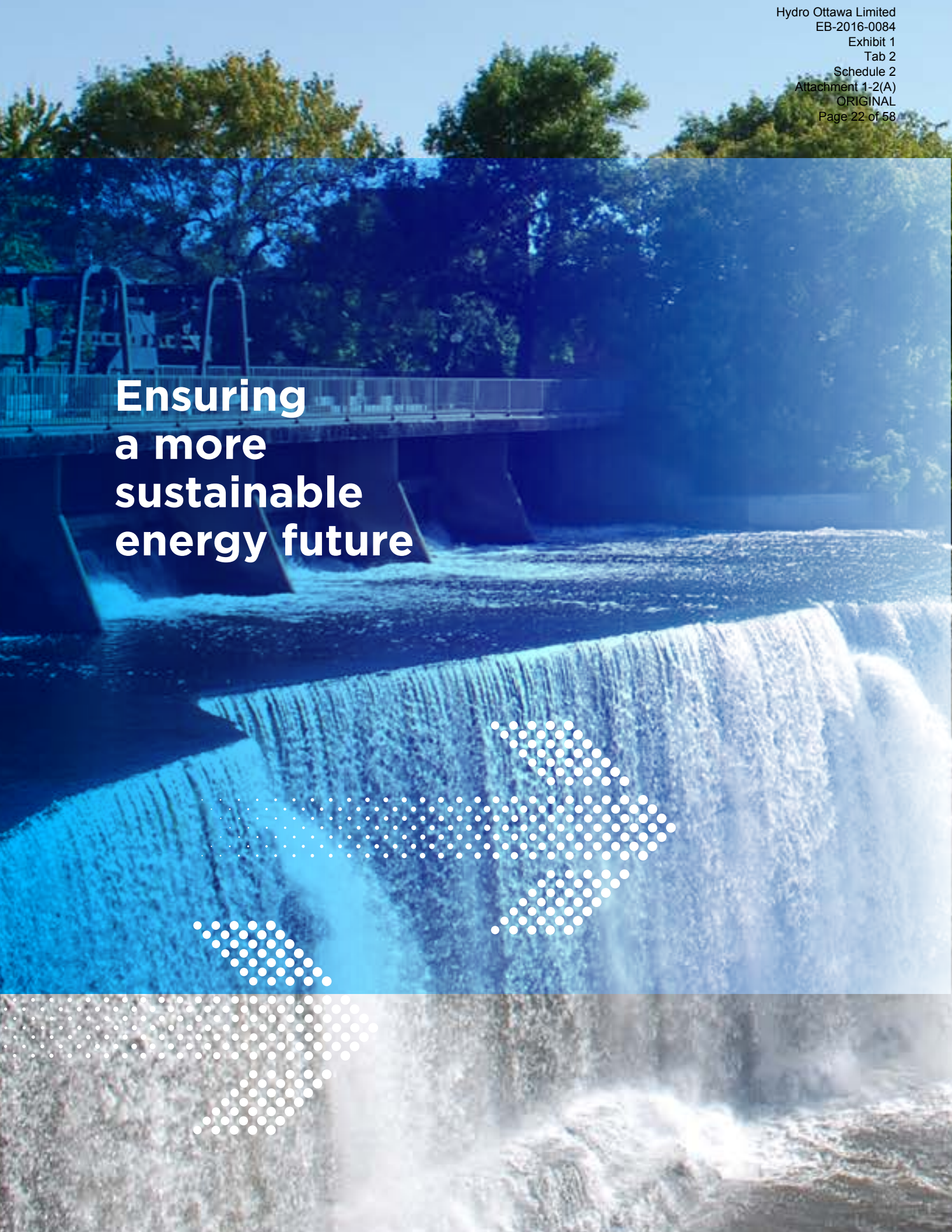
3.2.7 CYBER SECURITY

There is broad recognition among governments, regulators and utilities that critical infrastructure such as electricity distribution grids could become the target of cyber security threats, including intentional targeting by terrorists, organized crime and foreign entities. The consequences of such targeting could be severe. The federal government, working with partners from a range of sectors, developed a *National Strategy for Critical Infrastructure* and a corresponding *Action Plan for Critical Infrastructure*. The Action Plan has been

refreshed for the 2014-2017 period, and provides a framework for a coordinated response among federal, provincial, territorial and critical infrastructure sector partners to strengthen critical infrastructure resilience. The new Minister of Public Safety and Emergency Preparedness has been mandated to conduct a review of existing measures to protect Canadians and our critical infrastructure from cyber-threats. Hydro Ottawa and other electric utilities collaborate on cyber security issues, including information sharing and input into federal and other policy initiatives, through the Canadian Electricity Association's Security and Infrastructure Protection Committee (SIP). SIP has regular discussions with federal security and intelligence agencies. Within the electricity industry, there is also coordination and mandatory reporting of cyber security information through the North American Electric Reliability Corporation (NERC). The IESO operates a Cyber Security Forum to facilitate collaboration within the Ontario industry.

3.2.8 CONCLUSION

These areas of policy and regulation are evolving. The speed of this change and direction it takes will have a significant impact on Hydro Ottawa's business strategy and success. The organization is well positioned to provide services to other utilities, to develop new revenue streams based on value-added services, to continue to grow its renewable generation business, and to pursue mergers and acquisitions. As described below, our vision is to be a leading partner in a smart energy future, and the company is well-placed to embrace that role.



Ensuring a more sustainable energy future

4. Strategic Direction

4.1 OUR MISSION

To create long-term value for our shareholder, benefitting our customers and the communities we serve.

Hydro Ottawa is both a community asset and an investment for our shareholder, the City of Ottawa. As a community asset, our purpose is to provide efficient and reliable services and a first class customer experience to our customers, and to continue to be a strong strategic partner with the City, helping to deliver on its economic development and environmental agendas. As an investment, our purpose is to provide stable, reliable and growing returns, and to increase shareholder value both in the short- and long-term.

4.2 OUR GUIDING PRINCIPLES

Hydro Ottawa is committed to creating long-term value in a manner that will withstand the test of public scrutiny and inspire confidence and trust. To that end, we strive to achieve excellent operating and financial results while abiding by professional standards of conduct. We are guided not only by legal obligations, but also by best governance and business practices, and standards established by independent agencies. These expectations provide the foundation for our commitment to all of our stakeholders, and are reflected in our organizational values, our *Code of Business Conduct*, and our operating policies and procedures.

4.2.1 OUR ORGANIZATIONAL VALUES

At Hydro Ottawa we are committed to an organizational environment that fosters and demonstrates ethical business conduct at all levels and reflects our shared values of teamwork, integrity, excellence and service. Every employee must lead by example in this endeavour.

4.2.2 OUR COMMITMENTS TO OUR STAKEHOLDERS

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.

Employees

The quality of our workforce is our strength and we will strive to hire and retain the best-qualified people available and maximize their opportunities for success. We are committed to maintaining a safe, secure and healthy work environment enriched by diversity and characterized by open communication, trust, and fair treatment.

Customers

Our continued success depends on the quality of our customer interactions, and we are committed to delivering value across the entire customer experience. We are honest and fair in our relationships with our customers, and provide reliable, responsive and innovative products and services in compliance with legislated rights and standards for access, safety, health and environmental protection.

Suppliers and Contractors

We are honest and fair in our relationships with our suppliers and contractors and purchase equipment, supplies and services on the basis of merit, with a preference for local procurement. We pay suppliers and contractors in accordance with agreed terms, encourage them to adopt responsible business practices, and require them to adhere to our health, safety and environment standards when working for Hydro Ottawa.

Community and the Environment

We are committed to being a responsible corporate citizen and will contribute to making the communities in which we operate better places to live and do business. We are sensitive to the community's needs, and dedicated to protecting and preserving the environment where we operate.

Shareholder and Other Suppliers of Finance

We are financially accountable to our shareholder and to the institutions that underwrite our operations, and communicate to them all matters material to our organization. We protect our shareholder's investment, and manage risks effectively. We communicate to our shareholder all matters that are material to an understanding of our corporate governance.

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.

Our aim is to be the trusted energy advisor for our customers – large and small – and our community.

4.3 OUR VISION AND STRATEGY

4.3.1 OUR VISION

Hydro Ottawa – a leading partner in a smart energy future.

Leading...

For Hydro Ottawa, leading means consistently being among the top performers in the business, in every critical area of our operations; and being regarded as a credible and trusted voice in our industry, helping to shape policy, regulatory and operational responses to the critical issues of the day.

Leading means not merely reacting effectively to the transforming utility landscape, but proactively seeking opportunities to accelerate the adoption of smart energy solutions. We want our customers and our community to have the benefits this can provide, and we think local utilities have a critical role to play in making these solutions a reality.

To ensure we're leading, we will continue to recruit and fully leverage the talents of great people, listen to innovators and stakeholders in our community, partner with educational institutions, and work closely with other leading companies to keep abreast of new developments and help drive innovation.

Partner...

Utilities such as Hydro Ottawa will play a critical role in building a smart energy future; but we're not the only essential players. Indeed, as noted earlier, the fundamental change under way in the electricity sector is that customers are becoming the most important players in the electricity market. The transition to a smart energy future will be driven by consumers' needs, preferences, and objectives.

At the same time, with their local utility as a proactive and innovative partner, customers and communities can reach these goals faster, more efficiently, and to a much greater extent. The customer is at the centre of our business, and our aim is to be their trusted advisor and energy partner.

As a City of Ottawa-owned company, we are equally committed to the well-being of our community. We will continue to be a strong partner with our shareholder, helping to deliver on its energy, economic development, and environmental agendas, and will look for ways to enhance that partnership even further.

Partnership means working together, in ways that may be familiar or new. Hydro Ottawa is committed to working collaboratively to find smart solutions to evolving energy needs.

That means re-examining our work methods, being flexible, entrepreneurial, and open to new possibilities, and developing innovative products and services.

This may mean partnering on new types of projects – microgrids, smart communities, district energy, and more. Where the business case is viable, Hydro Ottawa will embrace new approaches. It may also mean collaborating with new, unconventional and even disruptive players in the energy landscape. For example, as smart home technology and the internet of things start to take shape, the world's biggest technology companies are being attracted to the energy domain. This may present opportunities for partnerships that will enhance the customer experience.

...in a Smart Energy Future

There are lots of descriptions of what "smart energy" looks like. What we mean when we use the term is an energy system that makes effective use of available technologies to maximize consumer, community and environmental benefit. By definition, then, it is sustainable, customer-centric, reliable, cost-effective, secure, and constantly evolving. It is responsive to evolving needs and opportunities, and focused on tangible benefit.

This provides a standard for assessing progress toward our vision: how sustainable, customer-centric, reliable, cost-effective, secure, and responsive is the energy system we are helping to create? But there is also an intuitive element to the concept of "smart energy", and the whole is greater than the sum of its parts. Like a smart phone or a smart home, we know smart energy when we see it, and we know it will look different tomorrow than it does today, as technology and consumer needs evolve. Smart energy is also a foundational component of a smart city, and Hydro Ottawa will welcome opportunities to collaborate in the pursuit of that objective.

By developing a smarter electricity grid that improves efficiency, customer control and reliability, by generating more clean and renewable electricity, and by partnering with our customers, our community, and other utilities on innovative energy solutions, we will be contributing to a smart energy future. If we do this to a standard of excellence, Hydro Ottawa will be a leading partner in that future, which is exactly what we aim to achieve.

4.3.2 OUR STRATEGY

The essence of Hydro Ottawa's strategy is to put the customer at the centre of everything we do. Reorienting our business around the customer was the primary goal of our previous Strategic Direction, and customer centrality continues to drive our business strategy. We believe that a sharp focus on the value we provide to our customers will generate positive results in all areas of performance – our financial strength and business growth, our operational efficiency and effectiveness, and our contributions to the well-being of our community.

As described earlier, the electricity service model is in the midst of significant transformation – taking on a more decentralized, customer-centric, technologically advanced and environmentally sustainable form. The transition to a more customer-driven and customer-centric model of electricity will present opportunities for energy providers that are able to innovate, and challenges for those that fail to adapt. Our strategy for responding to this emerging landscape involves:

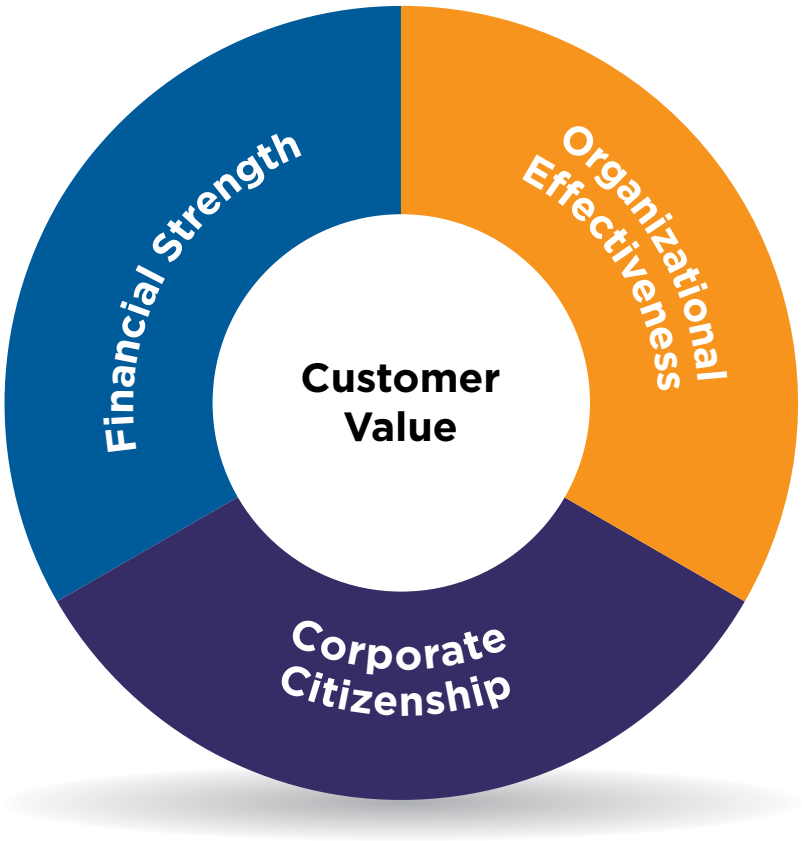
- Taking customer experience to the next level;
- Continuing to achieve strategic growth;
- Ensuring access to capital for growth;
- Making sure we have the right skill sets and organizational capacity to deliver on existing and new business lines;
- Continuing to enhance operational performance, including productivity and safety;
- Delivering on critical projects such as the Chaudière expansion project;
- Continuing to build public confidence and trust; and
- Being ready to embrace change and disruption in our industry.

To ensure we have the scale, financial capacity, and culture of innovation necessary to respond to evolving customer needs and expectations, and to achieve sustainable growth in shareholder value, our strategy includes a continued focus on strategic business growth within our core areas of strength. Our growth agenda involves four basic components:

- **Electricity Distribution:** continuing to evaluate opportunities to increase our distribution service territory;
- **Renewable Generation:** increasing the supply of clean energy for customers and earnings for our shareholder by making smart investments in renewable generation;
- **Energy Services:** providing innovative solutions to help consumers, businesses and communities meet their energy objectives, through energy management, conservation, efficient streetlighting, energy generation, energy storage, district energy, and demand response opportunities, among others; and
- **Utility Services:** leveraging our assets and expertise to help other utilities to enhance the value they provide, creating new revenue streams and economies of scale.

To keep us on course in achieving our strategy, this Strategic Direction is structured around four critical areas of performance that have stood the test of time and driven our success to date – our four Key Areas of Focus. They will guide our activities throughout the current plan as well, with Customer Value continuing to be the central driver of business strategy.

4.4 DELIVERING ON OUR VISION – FOUR KEY AREAS OF FOCUS



CUSTOMER VALUE

We will deliver value across the entire customer experience

> by providing reliable, responsive and innovative services at competitive rates

FINANCIAL STRENGTH

We will create sustainable growth in our business and our earnings

> by improving productivity and pursuing business growth opportunities that leverage our strengths – our core capabilities, our assets and our people

CORPORATE CITIZENSHIP

We will contribute to the well-being of the community

> by acting at all times as a responsible and engaged corporate citizen

ORGANIZATIONAL EFFECTIVENESS

We will achieve performance excellence

> by cultivating a culture of innovation and continuous improvement

4.4.1 CUSTOMER VALUE

As a company that provides an essential service to the public, nothing is more critical to Hydro Ottawa's success than the ability to deliver value to our customers. This is truer today than ever, as customers take on a more prominent role in shaping the electricity landscape.

The fundamentals of customer value in the electricity business have long been considered to be quality and cost – delivering a reliable service, while operating efficiently and effectively to keep rates competitive. Our commitment to these objectives has never been stronger. Over the course of this plan, Hydro Ottawa will invest a projected $535 million to replace aging infrastructure and enhance service reliability for our customers. And we will continue to enhance our productivity, to make our reliability investments go further for our customers.

But the customer's place within the electricity system is also evolving. Customers are no longer just consumers of electricity, but also generators, sellers and managers of energy, equipped with unprecedented digital tools and a growing list of energy options. The expected growth in distributed energy generation and storage, combined with the product innovation and market convergence that will occur with the emerging internet of things, will present new possibilities for customer choice, control and convenience. As a result, customers will come to play a more dominant and pivotal role in the energy marketplace.

This emerging landscape will be challenging for utilities that fail to adapt; but it also presents a market for new products and services and unprecedented opportunities to enhance customer value and service. To realize these opportunities, utilities will need to make significant changes in the way they do business. In particular, they will need to increase their focus on meeting customer needs, and creating a more effortless and engaging customer experience. They will need to expand customer value by providing a broader range of products and services, in keeping with the growing range of energy options available to customers. And they will need to consider strategic partnerships that complement and supplement their core strengths.

With this in mind, in 2015, Hydro Ottawa created the position of Chief Customer Officer (CCO), with an enterprise-wide mandate to enhance the quality of our customers' interactions with our company. Hydro Ottawa is one of very few utilities to have taken this step. The CCO will reflect the face and voice of the customer within the company, and lead our efforts to enrich the customer experience.

What is a Smart Grid?

"The smart grid harnesses the power of information technologies to monitor, control, and optimize the use of the electricity system. These efforts are designed to increase efficiency, reduce outages, integrate more renewable forms of generation, and empower customers to more effectively control their energy use."

"Smart grids… redefine the way electricity consumers are connected to the system that serves them…. By 'connecting the customer to the control room,' smart grids open up whole new possibilities – where consumers decide how much to use or sell depending on what the price is."

Independent Electricity System Operator

www.ieso.ca

...Hydro Ottawa will continue the digital transformation of our business, using the power of mobile and digital technology to offer service to our customers anytime and anywhere....

We also adopted a whole of company Customer Experience Strategy, aimed at achieving five strategic imperatives: developing a customer centric culture, knowing our customers, improving customer touchpoints, providing leading services and products, and enhancing our technologies and processes. This strategy will increase customer choice, convenience, control and ease of communication with Hydro Ottawa.

Our approach will include:

- a focus on detailed customer knowledge to allow us to anticipate and respond to customer needs in a personalized way;
- effective and innovative use of technology and communication to enhance the customer experience; and
- the development of targeted services and products that help our customers achieve their energy objectives and create value for our shareholder.

This last point means that our customers can expect to see new products and services from Hydro Ottawa in the coming years. Our services should reflect the range of energy options and uses available to our customers, and make it easier for them to adopt innovative energy solutions. Our strategy will be guided by what customers want, but is likely to include a greater role in solar generation, energy storage, and electric vehicle charging. We will also look at on-bill financing options that could spread the costs of implementing innovative technologies and increase adoption rates.

In addition to expanding what we offer, adapting to the new energy landscape demands that we re-examine how we offer products and services as well. The pervasive use of mobile devices and the emergence of the internet of things mean that no customer-focused company can ignore the increasing importance of the digital marketplace. During the course of this Strategic Direction, Hydro Ottawa will continue the digital transformation of our business, using the power of mobile and digital technology to offer service to our customers anytime and anywhere, in a more engaging and effortless manner. We will improve our use of data to offer personalized service and improve customer-facing operations. And we will work to align culture, business structure, processes and technology in the service of the customer.

A prominent element of this strategy will be a focus on mobile service offerings. According to Catalyst, 68% of Canadians owned a smartphone in 2015 – a 24% increase in one year – and the number of customers connecting to our website and online services using a mobile device is growing steadily. As part of our strategy to provide service and information to our customers where and when they want it, we will ensure that all of our online content and services are mobile-optimized, and will develop mobile applications that provide the functionality customers are looking for in a convenient and engaging format.

The transition to a Smart Grid is another important component of digital transformation. This is already under way, and will be an important driver of customer value in the next 20 years. If, as suggested earlier, the electricity ecosystem is changing to one that involves two-way power flows, a more central role for customers, and a broader range of buyers, sellers and energy resources, then the backbone of that ecosystem is a smart local distribution grid. While investments in the Smart Grid must be carefully considered, when done well they can provide significant value to electricity consumers. A study by Navigant for the Ontario Ministry of Energy estimates that smart grid investments in Ontario between now and 2035 – most of which will be made by local distributors – have the potential to deliver a net benefit of $6.3 billion, mainly in economic and reliability benefits, along with some environmental benefits. Hydro Ottawa has developed a Grid Transformation Plan that sets out a prudent and measured approach to Smart Grid development, building on the advanced metering, grid intelligence and self-healing technologies we have already deployed.

Like many other forms of technological innovation, the Smart Grid is not a destination, but an ongoing process of integrating technologies and applications that provide a benefit to customers. Our Grid Transformation Plan will proceed in lockstep with our Customer Experience Strategy, and will be tightly focused on enhancing customer value.

A central characteristic of the Smart Grid is that it merges the distribution system with high-performance communications – a powerful melding of operational and information technologies. To achieve this, Hydro Ottawa has embarked on a multi-year plan to upgrade its telecommunication infrastructure, including the installation of over 281 kilometres of dark fibre

to support a high speed optical network in a self-healing redundant loop. When complete, there may be opportunities to leverage this infrastructure to help meet the broadband needs of our community, through "Smart City" initiatives and/or through strategic partnerships with businesses and the MUSH sector (municipalities, universities, schools and hospitals).

This underscores the fact that a Smart Grid is a foundational component of a Smart City, and there may be opportunities to collaborate for broader community benefit. The conversion of Ottawa's streetlights to intelligent LEDs is another example. This technology provides not only adaptive lighting (dimming) and asset management capabilities (notification of burnouts before they happen), but also community safety features. For example, it can detect gunshots and automatically shift to maximum lighting in the affected area, making it nearly as bright as day.

Conservation and Demand Management (CDM) programs also present an excellent means of enhancing customer value. Hydro Ottawa has been involved in the design and delivery of award-winning CDM programs since 2005. Since 2011, all electrical utilities in Ontario have been assigned mandatory CDM targets under the terms of their distribution licences. Those that meet and exceed their targets benefit from financial incentives.

Between 2011 and 2014, Hydro Ottawa's CDM programs helped our customers to conserve 414.9 gigawatt hours of electricity – equivalent to removing 54,000 homes from the grid. Under a new six-year plan (2015-2020), our CDM programs are expected to achieve another 395 gigawatt hours in savings. At an estimated cost of 4.4 cents per kilowatt hour of energy savings (much lower than the cost of generating and delivering a kilowatt hour) these programs represent excellent value to our customers.

Our Talent Management Strategy will also continue to play a central role in enhancing customer value, helping to embed a customer-centric culture throughout the organization. Customer focus is emphasized at all stages of the talent management lifecycle, from resource planning, hiring and deployment, to training, development and performance management.

4.4.2 FINANCIAL STRENGTH

Hydro Ottawa has continued to achieve strong financial results over the past several years, meeting and exceeding the targets set out in our previous five-year plan. Our objective over the next five years is to continue this trend of solid financial performance, while creating sustainable growth in our business and our earnings. To achieve this, Hydro Ottawa will maintain a focus on strategic growth within our core areas of strength.

Since the introduction of a dividend policy in 2004, Hydro Ottawa has delivered almost $200 million in dividends to the company's shareholder, the City of Ottawa. Under the current plan, this total will increase to nearly $300 million by 2020.

In keeping with our previous Strategic Direction, Hydro Ottawa has achieved significant strategic growth over the past several years, particularly in our renewable generation business. As we continue to pursue this strategy, access to capital will be critically important. Among several approaches to meet this requirement, the company is seeking an amendment to its dividend policy. The amended policy would provide higher than historical dividends to our shareholder, while retaining some of the increased profits from growth within the company, to ensure we continue to enjoy access to capital on favourable terms and to safeguard our credit rating.

In total, when the expansion project at Chaudière Falls is complete, Hydro Ottawa's renewable energy capacity will be more than 128 megawatts – enough to power 107,000 households with clean, renewable energy.

As with all other elements of this five-year strategy, our plan for financial strength is based on our strategic focus on the customer. Meeting customers' needs is not only good service, it is also good business. Over the next five years we expect to meet an expanding range of needs for a growing array of customers, creating long-term value for our shareholder and reducing costs, while helping to build a smart energy future.

In executing this strategy, Hydro Ottawa will become – and is already becoming – a more vertically integrated corporation, with new affiliates operating competitive businesses that help to drive business growth. We are already playing a bigger role in meeting the increasing demand for renewable power, focusing on opportunities that offer stable revenues through long-term power purchase agreements. We will continue to grow this business throughout the course of the current plan. We will also continue to leverage our core capabilities and assets to develop new revenue streams and generate economies of scale. This includes providing an expanded range of services to our customers, strengthening our position as the "trusted energy partner" for major institutions, businesses and developments, and providing services to other utilities to enhance the value they provide. It may also include expanding our utility service territory should appropriate opportunities arise.

Electricity Distribution

For more than 100 years, Hydro Ottawa and its predecessor companies have delivered a reliable supply of electricity to Ottawa homes and businesses. That core service is the bedrock of our success.

The Ontario Energy Board's December 2015 approval of Hydro Ottawa's electricity distribution rates for the years 2016 to 2020 puts these operations on a stable financial footing throughout the period of this plan. This will allow Hydro Ottawa to make important investments in our distribution system to maintain reliable service for the future, without compromising the company's financial strength.

At the same time, revenue growth under the current regulatory model is modest, and this trend will continue throughout the term of the current plan. In order to successfully manage the challenges of aging infrastructure, grid modernization and high retirement rates in the skilled trades, which require investments in new equipment and apprenticeship programs, Hydro Ottawa will need to maintain its focus on cost containment and productivity improvement. These strategies have been an essential part of Hydro Ottawa's healthy financial performance in recent years.

Customer growth also has an impact on financial performance, since electricity distribution involves significant economies of scale. Some customer growth occurs organically as development occurs within Hydro Ottawa's service territory. Our customer base grows by approximately 1 percent per year. More significant growth could occur through consolidation with other local electricity distribution companies. Hydro Ottawa will continue to examine opportunities to expand our service territory through mergers or acquisitions where there is a clear benefit to our customers and our shareholder. We will also continue to seek opportunities to partner with and provide services to other utilities, leveraging our core systems and our expertise to create new revenue streams and economies of scale. This element of our business strategy is described further under Energy and Utility Services, below.

Renewable Energy

Hydro Ottawa is a leader in renewable energy generation. The company is the largest municipally-owned producer of green energy in Ontario by a wide margin, and that leadership position has been significantly strengthened during the period of the previous Strategic Direction.

Run-of-the-river hydroelectric facilities account for a significant portion of this growth. Relying on the natural flow of the water source and producing no carbon emissions or pollution, this is one of the most environmentally sustainable forms of electricity generation, and represents a steady, renewable power source that is available 24/7. Moreover, the bulk of Hydro Ottawa's hydroelectric plants are located close to where power is needed most, serving Ottawa's downtown core, where demand is growing and supply is constrained.

In August 2012, Hydro Ottawa acquired three power stations and additional water rights from Domtar Corp. at Chaudière Falls on the Ottawa River, adding to Hydro Ottawa's existing hydro facilities next door. An expansion project is under way at the former Domtar site, involving the construction of a new 29 megawatt facility that will come online in 2017, backed by a 40-year power purchase agreement with the IESO. This project will also give the public access to the site, in a revitalized form, for the first time in over 100 years. This will include pedestrian and cycling access and a view of the falls from three viewing platforms.

...our Energy Services team continues to be the City of Ottawa's preferred partner for energy management initiatives, with numerous energy cost reduction projects planned and underway.

In the coming months, Hydro Ottawa expects to complete the purchase of the Hydro Quebec facilities at Chaudière Falls – an additional 27 megawatts of installed capacity. When the transaction is complete, Hydro Ottawa will own all of the power stations at Chaudière Falls, along with the associated water rights and the ring dam previously held jointly with Domtar and Hydro Quebec. Upon completion of the expansion project at the former Domtar site, scheduled for 2017, Hydro Ottawa will have a total of 85 megawatts of renewable generation capacity at Chaudière Falls. Most of this power is covered by long-term power purchase agreements, providing stable revenues and minimizing exposure to spot market volatility.

In addition, in July 2015, Hydro Ottawa completed the purchase of 10 run-of-the-river hydroelectric facilities from Fortis Inc., in Ontario and nearby New York State. This represents an additional 30.9 megawatts of green generation capacity.

Given the company's expertise and track-record with this type of project, Hydro Ottawa continues to examine opportunities to expand its hydroelectric generation capacity, with a preference for opportunities that involve stable pricing under long-term power purchase agreements. Under the right circumstances, further strategic growth of this nature could occur within the time frame of the current plan.

In addition to its waterpower assets, Hydro Ottawa is the majority owner of two landfill gas-to-energy plants, at Trail Road and Moose Creek, with a combined generating capacity of 10.2 megawatts. This technology has matured in recent years, and is providing growing production and revenues, along with the environmental benefits of producing clean energy from previously flared-off landfill gas. In 2017, the Trail Road facility will hit 10 years of successful operation, and there is potential to expand both plants by approximately one megawatt each during the period of this plan.

In total, when the expansion project at Chaudière Falls is complete, Hydro Ottawa's renewable energy capacity will be more than 128 megawatts – enough to power 107,000 households with clean, renewable energy.

Solar power, distributed generation, co-generation, and district energy opportunities also remain a focus for future growth. Work is under way to install solar panels on the rooftops of 8 municipal buildings owned by the City of Ottawa, totalling 2.4 megawatts of capacity.

Energy and Utility Services

A third driver of financial strength over the next five years will be the services we provide to a growing range of customers to help them meet their energy needs and objectives, and to other utilities to help them enhance the value they provide. These services can be grouped into two categories. In both cases, they leverage the existing assets and expertise of Hydro Ottawa and its subsidiary companies:

Energy Services: providing innovative solutions to help consumers, businesses and communities meet their energy objectives, through energy management, energy retrofits, conservation, efficient streetlighting, energy generation, energy storage, district energy, demand response, and greenhouse gas reduction, monitoring and reporting, among others; and

Utility Services: leveraging our core systems and expertise to help other utilities to enhance the value they provide, creating new revenue streams and economies of scale.

In addition to the broad range of CDM programs that the company offers, Hydro Ottawa has long been a leader in energy management services, helping larger customers (commercial, industrial and institutional) as well as the City of Ottawa to reduce their energy costs. These services range from opportunity analysis to full design and implementation of "turnkey" energy efficiency projects. Since 2014, our capability in this area has been strengthened through our partnership with Noveda Technologies, whose EnergyFlow Monitor tracks energy and water use in real-time at one-minute intervals and provides online access anytime, anywhere. Hydro Ottawa is the exclusive Canadian distributor for EnergyFlow products.

As the range of options available to our customers expands to include energy generation, energy storage, district energy, and demand response opportunities, among others, Hydro Ottawa is expanding the range of services it provides, drawing on its core expertise with renewable technologies and infrastructure design, construction and management. These capabilities will make Hydro Ottawa a partner of choice for many customers, particularly for projects and facilities with significant scale, and our goal is to be a trusted energy advisor across the full range of options. In some cases, this may involve advisory services or project management only, while in other cases it may involve the design, construction and/or ownership of energy infrastructure. Our approach will be versatile and tailored to the customer's needs and objectives.

As part of this business line, our Energy Services team continues to be the City of Ottawa's preferred partner for energy management initiatives, with numerous energy cost reduction projects planned and underway. In connection with this partnership, between 2016 and 2020, Hydro Ottawa will complete a conversion of Ottawa's streetlights to efficient LEDs with adaptive lighting technology, and will assume responsibility for streetlight maintenance. This conversion of 58,000 streetlights will pay for itself in approximately six years, and thereafter will save the City an estimated $4 million per year in energy costs. Maintenance costs will also be lower, as LED fixtures last longer. Hydro Ottawa has completed a similar conversion in Pembroke, and is actively pursuing opportunities to provide similar services to other municipalities.

We will also proactively seek opportunities to partner with other utilities in service delivery. For example, we currently provide planning and delivery of CDM programs on behalf of Renfrew Hydro Inc. This approach could be replicated elsewhere, and extended to other types of services where we have expertise, such as asset management, design and construction, smart grid development, human resources, customer contact and billing, among others. 21st century utilities require sophisticated and expensive systems for customer service management, billing and collections, and the safe and efficient operation of increasingly "smart" distribution networks. These systems may be out of reach for smaller utilities. For Hydro Ottawa, by contrast, leveraging assets and expertise to provide these services to other utilities can create synergies that deliver savings to ratepayers, and additional value to our shareholder.

In addition, Hydro Ottawa is helping to commercialize technologies that have proven effective in its own electricity distribution business – for example, in the areas of power quality monitoring and utility cable testing.

In sum, energy and utility services are set to become a bigger part of Hydro Ottawa's business, and a bigger contributor to its financial strength. This will result in a more vertically integrated business structure, with complementary business lines and competitive affiliates helping to drive business growth.

4.4.3 ORGANIZATIONAL EFFECTIVENESS

The strategic objectives outlined in this plan represent an ambitious agenda for enhancing customer, shareholder, and community value. Achieving these objectives will require an effective and constantly learning organization, with the right skill sets and organizational capacity to deliver on existing and new business lines.

In pursuit of this goal, we will cultivate a culture of innovation and continuous improvement, focusing on three outcomes in particular: a safe and healthy work environment; an engaged, aligned and prepared workforce; and efficient and effective operations that enhance the customer experience.

As our business is changing, the profile of our workforce is changing as well. It is increasingly diverse in age, skills, background, belief, ethnicity, sexual orientation, and in many other ways. We aim to be a great employer for great people, and to create a thriving and respectful workplace for all of them.

Embracing Change and Disruption

An essential element of our strategy for the next five years is to ensure Hydro Ottawa is ready to embrace change and disruption in our sector. In a period of significant transformation, the ability not only to accommodate change, but to make the most of it, is likely to be a distinguishing characteristic of those utilities that continue to thrive. To ensure Hydro Ottawa is one of those companies, we will:

- **Cultivate awareness** – foster awareness of the forces that have the potential to disrupt our business and industry, so we can take action today to prepare for disruption's impact tomorrow;
- **Build the right culture** – develop a resilient, innovative culture so we can withstand disruption in the future while taking full advantage of today's opportunities;
- **Foster agility** – embrace new ways of working and making decisions to avoid becoming mired in the bureaucracy that can bring change to a halt; and

...we will acquire and deploy the best people, technology and financial resources so we can be more resilient and competitive in the face of disruption.

- **Develop and deploy effective resources** – acquire and deploy the best people, technology and financial resources so we can be more resilient and competitive in the face of disruption.

Health and Safety

A fundamental component of Hydro Ottawa's commitment to operating efficiently and effectively is the very high priority we place on protecting the health and safety of our employees and our community.

We have established an integrated health, safety and environment management system (HSE) that has achieved and maintained certification to the international standards of Occupational Health and Safety Assessment Series (OHSAS) 18001 and International Organization for Standardization (ISO) 14001 since November 2007. We provide safe work practices training for all employees consistent with industry best practices, and our company's safety performance has been solid, with the number of medical aid injuries, the number of lost work days, and the lost workday severity rate all declining over the past few years. Important priorities for the coming years include ensuring our HSE policies and practices are being adhered to by our contractors, expanding these programs to newly acquired companies and employees in a timely manner, and continuous improvement across the HSE system. Health and safety will continue to be a primary focus for the company.

Workforce Capacity and Capability

A highly skilled, properly trained and knowledgeable workforce is essential to Hydro Ottawa's continued success. Like many other companies and utilities, Hydro Ottawa faces challenging workforce demographics that require a concerted response. The company's comprehensive Talent Management Strategy is aimed at anticipating and meeting talent needs, through planning, talent attraction and acquisition, effective deployment of resources, and performance management and development. Hydro Ottawa aims to be a great employer for great people, and the company has been consistently recognized as a top employer across a range of categories.

More than 40 percent of Hydro Ottawa's workforce is expected to retire in the next 10 years. This represents a loss of 7,423 years of experience, including 4,784 years of trades and technical experience. Sixty-six percent of frontline supervisors and managers in trades and technical occupations are expected to retire by 2024.

To ensure success, we have increased our focus on renewing our workforce by attracting and developing young workers. It is not simply a matter of recruiting replacements for retiring workers; we must also plan for and facilitate an effective transfer of knowledge and skills from our veteran workforce to the next generation, including the next generation of people leaders. At the same time, young workers bring a fresh perspective and new skills to our workforce.

In recent years, Hydro Ottawa has been recognized as a leader both in older worker and retiree engagement, through our multiple-award winning "Prime Time" program, and as one of Canada's Top Employers for Young People (2014, 2015 and 2016). This success in engaging the full demographic spectrum of our workforce facilitates the transfer of knowledge and skills from one generation to the next. Our apprenticeship and intern programs also contribute to this objective, including our partnership with Algonquin College in the delivery of an award-winning two-year Powerline Technician Diploma Program and our Engineer Intern Training and Development Program.

We are also working to attract and develop new skill sets that will be needed as we work toward a smart energy future. This will ensure we are able to build and sustain relationships with our customers, innovate and transition to new technologies, develop new products, services and work processes, and meet changing business and regulatory demands.

Efficiency and Productivity

One of the central challenges facing Hydro Ottawa and other utilities is the need to invest heavily in the replacement and modernization of aging infrastructure without putting upward pressure on customer rates, which are already rising due to increased electricity commodity prices. In this context, achieving efficient and effective operations has never been more important to Hydro Ottawa; we must continually find ways to work smarter and more efficiently – and we are doing just that.

Since 2007, Hydro Ottawa has set and achieved annual productivity improvement targets, focusing on maximizing the efficiency and effectiveness of our operations by reducing waste and optimizing productivity at every opportunity. This will continue to be a central focus, with ongoing efforts to improve the efficiency of our capital work, reduce operating costs, maximize the productivity of our workforce through organizational rightsizing and right-skilling, and implement technology solutions that enhance customer value while improving efficiency. Through these efforts, Hydro Ottawa has been able to minimize rate increases related to our operations (distribution rates), although electricity commodity rates (which are beyond Hydro Ottawa's control) have and will continue to rise.

Leveraging Technology

Choosing and deploying the right technologies is a crucial aspect of business success for modern utilities. At Hydro Ottawa, our technology decisions are based on two basic considerations: enhancing service to our customers, and creating efficiencies that will increase our competitiveness and improving functionality to be more agile and resilient in the face of industry disruption. Over the course of this plan, Hydro Ottawa will continue to adopt innovative technologies that solve business problems and enhance customer value.

One way Hydro Ottawa is leveraging technology to enhance productivity is through our "Anything, Anytime, Anywhere" approach – making technology tools available to our workforce where and when they are needed. Putting better tools in the hands of field workers improves efficiency and increases wrench time.

...we will continue to emphasize four aspects of good corporate citizenship: good governance; stakeholder engagement; environmental sustainability; and investing in our community.

In addition, the use of enhanced Asset Investment Planning tools is improving the efficiency of capital project planning and execution, and customer self-serve technology enhances the customer experience while reducing operating costs.

Recognizing that the traditional distinction between information technology and operational technology is becoming outdated, in early 2016, Hydro Ottawa integrated both functions under our Chief Information Officer. This will enable more effective technology planning and strategy, more seamless interaction of systems and applications, and more robust cyber security practices.

A critical mandate for Hydro Ottawa's technology team is to ensure the security of our distribution system and our information systems against cyber threats such as hackers. The company works closely with industry partners and security agencies, and adopted an updated cyber security roadmap in 2015. Hydro Ottawa will continue to draw on both internal and external resources to ensure we stay abreast of new developments in this fast-moving area.

4.4.4 CORPORATE CITIZENSHIP

As a community company that delivers an essential service to Ottawa residents – and whose predecessor companies have done so for more than 100 years – contributing to the well-being of the community has always been a part of Hydro Ottawa's core mandate. We know how much energy matters to the daily lives of our customers and our community, and the responsibility to provide it efficiently and reliably has shaped the way we see ourselves as a company.

Out of this mandate, a commitment to fulfill our governance, environmental and social responsibilities as a company has naturally evolved. This is a commitment we will continue to enhance over the course of this plan.

This approach is not only true to our roots as a company; it enhances our corporate performance as well. As leading companies have come to realize, good corporate citizenship can and does drive growth in value, as stakeholder trust creates new opportunities, reassures regulators, increases customer loyalty, and attracts good business partners and talented employees.

To deliver on our commitment, we will continue to emphasize four aspects of good corporate citizenship: good governance; stakeholder engagement; environmental sustainability; and investing in our community.

Corporate Governance

Good corporate governance is the glue that holds together responsible business practices. By making governance a core focus over the past several years, Hydro Ottawa has established leading governance practices for a company of its size and mandate, and adheres to high standards of integrity, transparency and disclosure. We will continue to ensure that this is the case, by regularly assessing emerging best practices, and comparing ourselves to the best-governed private and public sector organizations.

Stakeholder Engagement

We also recognize that maintaining the trust and confidence of our stakeholders is essential to the company's performance. We are committed to taking into account the concerns and interests of all our stakeholders, including employees, customers, suppliers, our shareholder and the communities and environment in which we operate. Our commitments to these stakeholders are entrenched in the guiding principles set out in this Strategic Direction. We will continue to operate with their interests in mind, and will actively encourage their participation in shaping the future of the company. Our emphasis will be on increasing our understanding of stakeholder requirements and perceptions, and timely, accurate, and transparent disclosure mechanisms and communication.

Environmental Sustainability

Hydro Ottawa is already making an important contribution to environmental sustainability by generating renewable energy and actively promoting energy conservation. Equally important, though, is the need to continuously reduce the impact of our own operations on the environment through the use of "green" technology, resource-conserving activities and practices, and other means. This has been an increasing focus for Hydro Ottawa in recent years through our Environmental Sustainability Strategy, which will be renewed and updated during the course of the current plan.

Between now and 2019, Hydro Ottawa will be replacing our office facilities and some of our operational facilities, which have reached end of life. Our new administration building will be built to a LEED Gold standard, and our operations centres to a LEED Silver standard. As such, in addition to enhancing our operations, these facilities will significantly reduce our environmental impact.

The implementation of Smart Grid technologies also has a positive impact on Hydro Ottawa's environmental performance, since it is often possible to solve outages and complete other tasks without sending a truck.

Community Investment

Our company has a proud tradition of contributing to quality of life in our community. Our United Way workplace campaigns have raised more than two million dollars in the past 15 years. Our Brighter Tomorrows Fund – a partnership with the United Way – has contributed more than $675,000 since 2011 to help housing and homelessness agencies make energy efficiency upgrades. Our electricity safety and conservation presentations educate more than 17,000 children and youth per year. And our Community Partnership Investments, along with our employees' volunteer efforts, have contributed to many worthwhile community initiatives. These efforts will continue, and will periodically evolve to achieve maximum impact and align with our role in the community.

Creating long-term value for our shareholder

5. Financial Outlook

5.1 FINANCIAL OUTLOOK

This Financial Outlook presents high-level projections for Hydro Ottawa's revenues, expenses and major capital expenditures that support the company's business lines for the period 2016-2020, and the underlying key assumptions and risks.

Hydro Ottawa's objective with respect to financial performance is to achieve sustainable growth in our business and our earnings. This creates value for Hydro Ottawa's sole shareholder, the City of Ottawa, including dividends and growth in the company's equity. It also enhances our ability to meet the energy needs of the communities and customers we serve. To achieve this objective of sustainable growth, Hydro Ottawa will continue to pursue excellence and strategic growth in our core business lines: providing efficient and reliable electricity distribution services; generating electricity from renewable resources; and providing a growing range of energy and utility services that help customers to meet their energy needs and objectives and other utilities to enhance the value they provide. We will continue to invest heavily in our core distribution and generation assets, while improving productivity across all of our businesses and pursuing strategic business growth opportunities that leverage our strengths.

Hydro Ottawa has achieved solid financial results since our *2012-2016 Strategic Direction* was issued, and the aggressive growth targets set out in that plan will be surpassed. This continues a trend of consistent and sustained growth in net income and shareholder equity over time. Since the introduction of a dividend policy in 2004, Hydro Ottawa has delivered almost $200 million to the City of Ottawa. This five-year Financial Outlook projects continued growth in shareholder value, including $185 million in net income over the 2016-2020 period and dividends totalling $100 million, bringing the cumulative dividend total to $300 million by 2020.

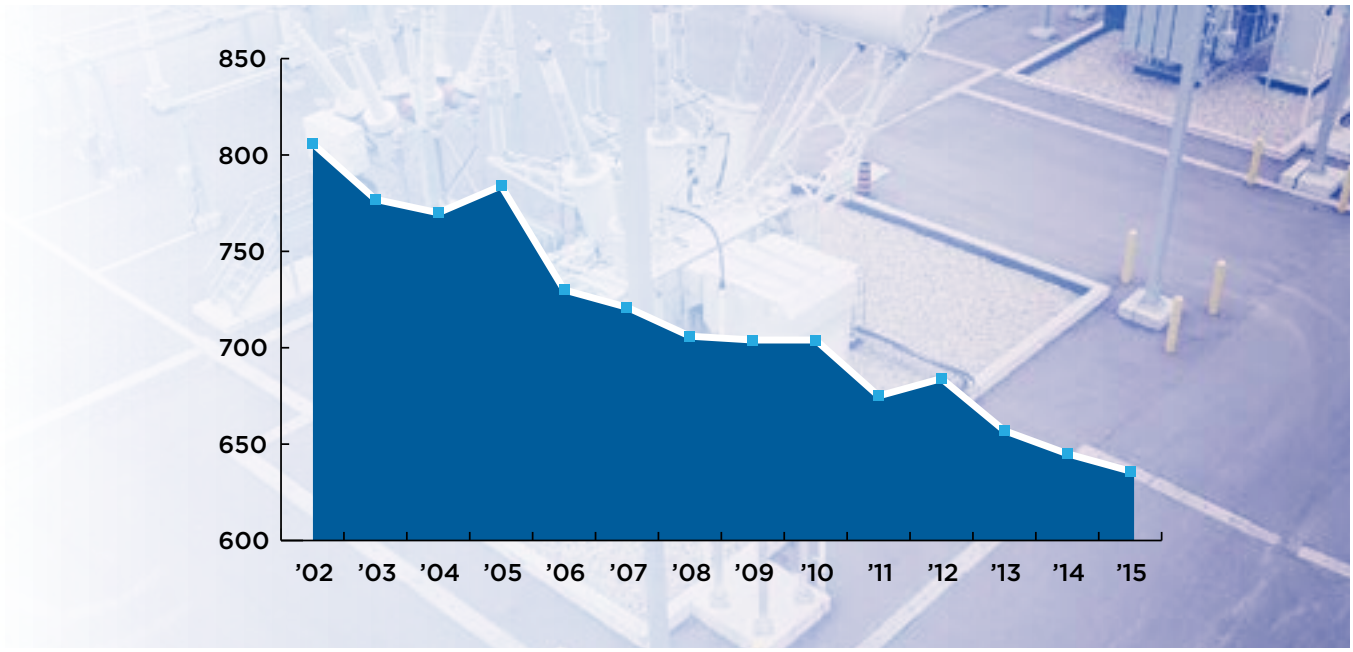
The financial projections set out here reflect a continued focus on strategic business growth in our core areas of strength, as set out in the preceding sections of this Strategic Direction. They take into account current and future economic trends, the regulatory environment, and capital investments required to maintain and upgrade our electricity distribution and generation infrastructure.

5.1.1 REVENUE PROJECTIONS

Hydro Ottawa's revenues are projected to grow on average by 6.0% over the period of the Financial Outlook. This reflects continued strategic growth in generation, and energy and utility services. Electricity distribution revenues

This five-year Financial Outlook projects continued growth in shareholder value, including $185 million in net income over the 2016-2020 period

Average Monthly Consumption – Residential



are projected to grow moderately due largely to the significant capital investment in aging infrastructure, and projected customer growth partially offset by declining average consumption as indicated in the chart above.

The largest component in Hydro Ottawa's revenue forecast is the cost of power recovered from the customer through provincially established rates. Cost of power is a flow-through amount, which poses limited risk to Hydro Ottawa's financial performance either positively or negatively.

Hydro Ottawa filed a Custom Incentive Rate-setting application with the Ontario Energy Board (OEB) in April 2015 for electricity distribution rates for the period January 1, 2016 through December 31, 2020. Hydro Ottawa's decision to file a Custom Incentive Rate application was based upon the Company's significant capital requirements during this period. The OEB held an open and transparent hearing process and, in the course of developing the 2016-2020 rate application, Hydro Ottawa invited public comment on the proposed rate application and hosted a public presentation session. The OEB rendered a decision on most elements of the application on December 22, 2015, and on February 25, 2016 for pole attachment rates. For an average Hydro Ottawa residential customer, the average change in distribution rates from 2016 to 2020 will be approximately 2.6 percent.

As directed by the OEB, Hydro Ottawa is incrementally transitioning residential customers to a fully fixed distribution charge by 2020. The distribution charge is the revenue retained by Hydro Ottawa, and represents less than 20 percent of the total bill. The remaining 80 percent includes commodity charges, provincially regulated charges and harmonized sales tax. These revenues pass through Hydro Ottawa to electricity generators, Hydro One, the Independent Electricity System Operator, the provincial government, and others.

Generation revenue has increased significantly in the last five years and this trend will continue.

The most notable increase in generation revenue is projected to begin in 2017 from the completion of the new 29 megawatt hydroelectric facility at Chaudière Falls. Generation revenue projections are based on pricing in accordance with secured Power Purchase Agreements and open market projections, along with 40-year water level data to guide production assumptions.

The Energy and Utility Services business lines assume the continuation and expansion of the existing business model and annual revenue growth, including streetlight LED conversion and maintenance through a partnership with the City of Ottawa.

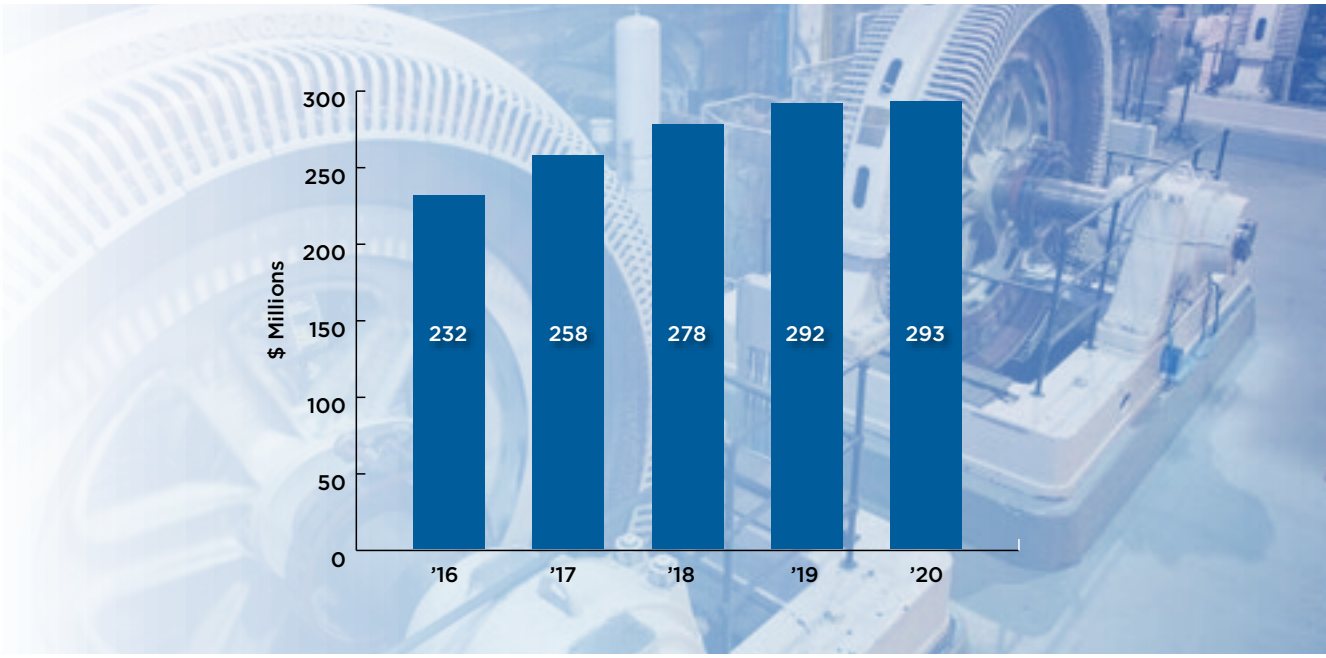
The five-year revenue profile for Hydro Ottawa, excluding cost of power flow-through, is as indicated in the chart below.

5.1.2 COST DRIVERS

FLOW THROUGH COST OF POWER

Similar to revenues, Hydro Ottawa's largest component of operating expense is the cost of power purchased from the provincial grid, which fluctuates based on the commodity price

Revenue

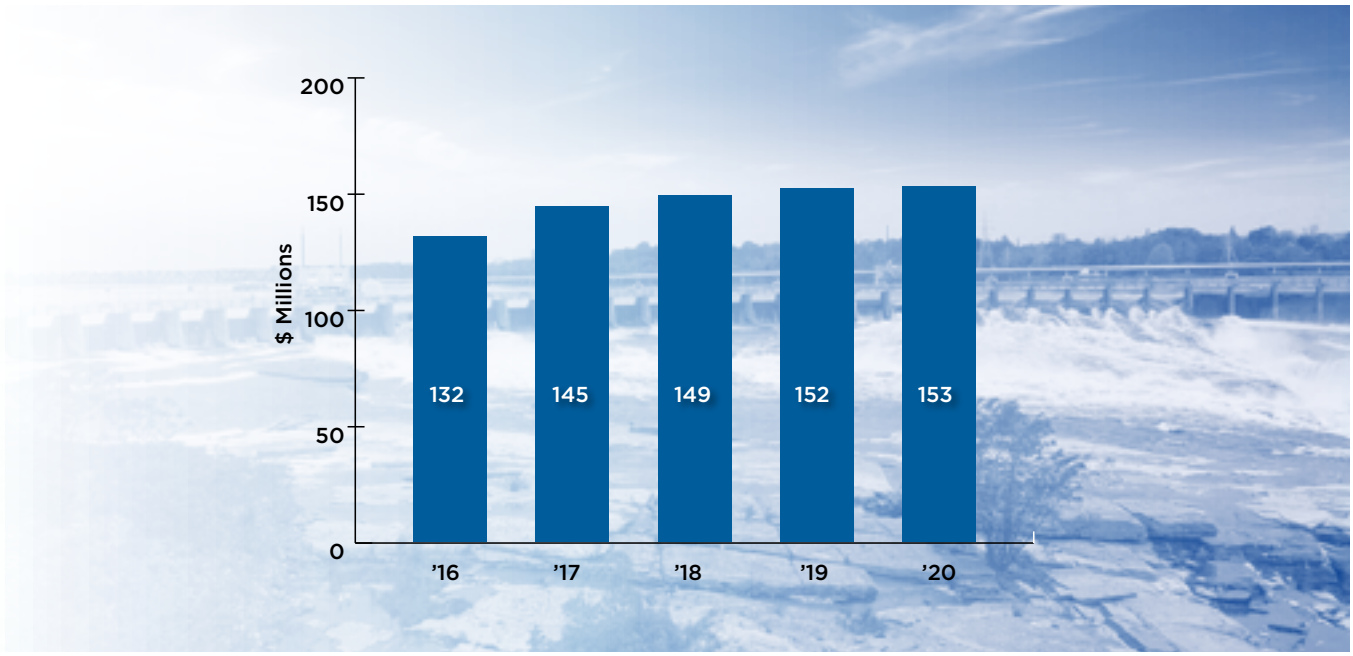


for electricity. This cost is designed by the OEB to be fully recoverable through the commodity rates charged to the customer. In the absence of regulatory change, there is limited risk to Hydro Ottawa's financial performance from the cost of power. Risk arises from Hydro Ottawa Limited's full responsibility for bad debts, and cash flow impacts from commodity rate increases, as the cost of power is the single largest monthly expenditure of the company.

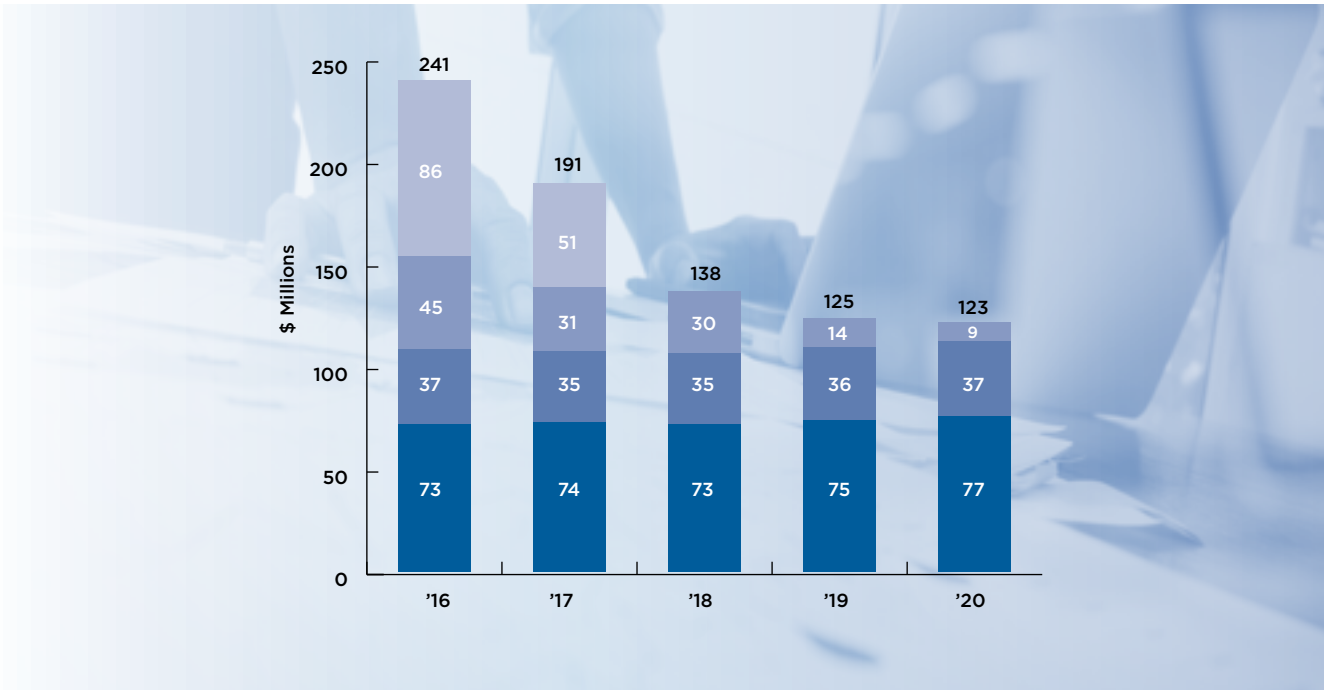
OPERATING, MAINTENANCE AND ADMINISTRATION COSTS

The most significant cost directly controllable by management is operating, maintenance and administration (OM&A) expenses. This includes internal labour costs, direct material and program costs, and external service contracts. Hydro Ottawa Limited's approved 2016-2020 electricity distribution rates prescribe OM&A increases to a minimal 1.91% per annum. Productivity improvements and cost containment are a must to offset the inflationary cost of labour, materials, and external service contracts integral to our business. These include operational reviews, reduced overtime usage, cost-effective benefit plans, renegotiation of external service contracts, management of overdue customer accounts and schedule optimization of crews and dispatch, amongst others.

Operating, Maintenance and Administration Expenses



Gross Capital Expenditures



Sustainment of Distribution and Generation Infrastructure

Other includes Facilities Implementation Plan

Third Party Work

Chaudière Construction

CAPITAL EXPENDITURES

Aging infrastructure remains a reality for Hydro Ottawa and other utilities, with implications for service reliability. The need to invest heavily in electricity distribution infrastructure to maintain a high-quality service represents a significant cost driver. Electricity distribution and generation reliability is contingent upon life-cycle investment programs. The regulated distribution business will incur the majority of capital expenditures, as we continue to invest to sustain the reliability of the distribution system through rehabilitation and upgrades, as well as expansion of sub-stations to accommodate customer growth and provide sufficient capacity for emergency and peak load situations.

Other projects that are critical to Hydro Ottawa's business strategy also require significant capital investment, including the construction of a new 29 megawatt generation facility at Chaudière Falls, a facility renewal plan to replace end-of-life office and operational facilities, and a telecommunications plan to improve connectivity for all stations and substations.

Hydro Ottawa's investment in capital infrastructure over the period of the 2012-2016 Strategic Direction is projected to be $775 million, and this level of investment will continue over the 2016-2020 period with a projected investment of over $800 million. Hydro Ottawa's amortization expense and financing charges are reflective of this capital investment, and as a result are projected to increase over the period.

FINANCIAL PROJECTIONS

In summary, with Hydro Ottawa's Custom Incentive Rate application approved in December 2015 for the 2016 to 2020 period, funding to maintain the reliability of Hydro Ottawa's electricity distribution operations is sustained. This, combined with strategic growth in generation, the distribution network, and energy and utility services, enables the company to project $185 million in net income over the next five years.

	FINANCIAL OUTLOOK				
Consolidated Statement of Income ($millions)	**2016**	**2017**	**2018**	**2019**	**2020**
Revenues					
Power Recovery	950	979	1,008	1,038	1,069
Distribution Sales	165	172	181	194	196
Generation Revenue	22	30	42	42	43
Other Revenue	45	56	55	56	54
	1,182	**1,237**	**1,286**	**1,330**	**1,362**
Expenses					
Purchased Power	950	979	1,008	1,038	1,069
Operating, Maintenance & Administration	132	145	149	152	153
	1,082	1,124	1,157	1,190	1,222
EBITDA	**100**	**113**	**129**	**140**	**140**
Amortization, Interest & Taxes	66	77	91	102	101
Net Income from Current Operations	**34**	**36**	**38**	**38**	**39**

5.2 RISKS AND UNCERTAINTIES

The ability to manage and mitigate risk, to maintain flexibility, and to respond effectively to changes in our business environment will be critical to Hydro Ottawa's continued success.

While we are confident in our assessment of Hydro Ottawa's business environment as a whole, future events may differ significantly from what we expect. Some of our assumptions may prove unwarranted. Subsequent events could change the complexion of current trends, and not all opportunities currently envisaged may turn out to be viable.

Our Enterprise Risk Management (ERM) system establishes the infrastructure to allow us to predict and respond to risks and opportunities impacting our Strategic Direction and business activities, and to do so in an effective, consistent and integrated manner. Our five-year Business Planning cycle, with annual updates, also enables continuous review of assumptions and the state of the market in which we operate.

Some of the key factors that could adversely impact the achievement of the projected results above include the following.

Economy

The state of the local, provincial, and national economy could have a significant impact on Hydro Ottawa's business performance, through factors such as interest rates, inflation, customer credit conditions, and weakening demand for electricity and/or value-added services.

Policy and Regulatory Environment

Hydro Ottawa's largest businesses operate in a regulated environment. Our business performance could be adversely affected by significant policy and regulatory changes, including but not limited to changes in rate regulation, policies relating to the production and procurement of renewable and clean energy, conservation and demand management, the consolidation of electrical utilities, restrictions on utility service provision, or changes to license requirements.

Potential Disruption of Utilities' Business Model

The convergence of distributed energy resources (DER) with information technology (IT) could disrupt the traditional business model of electrical utilities. As IT platforms develop to tie grid data, DER data and customer-specific information together into a 'virtual power plant,' they may also become capable of 'networking' multiple

such self-contained virtual power plants into a single energy system. In time, they might be in a position to take over swaths of a local distribution company's service footprint. In addition, organizations capable of developing distribution-edge software platforms and translating them into sustainable value propositions to customers could progressively dislodge the LDC from the customer interface, reducing the opportunity for revenues from value-added services.

Diversification of Revenue: Implications for Credit Ratings

Over the last decade, the consumption of electricity in Ontario, and elsewhere in North America, has remained constant, reflecting underlying, flat economic trends, as well as the impact of conservation. In response, utility rates in general have increased in order to meet revenue requirements.

With a view to containing rate increases for its customers, and recognizing the potential disruption of the business model for electrical utilities, since 2011 Hydro Ottawa has attempted to diversify its revenue and assets by expanding its presence in unregulated lines of business, including renewable energy generation and energy management services. This will continue through the period of this strategic plan.

The need for electrical utilities to diversify their revenue and assets portfolio is slowly gaining recognition in the financial community. In the short term, however, there could be an adverse impact on Hydro Ottawa's credit ratings, which could increase the cost of borrowing.

Access to Capital

As is the case with many municipally-owned electrical utilities, the infusion of additional shareholder equity in order to achieve growth objectives may not always be a feasible option for Hydro Ottawa. As a result, there may be constraints on the Corporation's debt capacity, which could in turn affect its ability to achieve some of the growth objectives outlined in the 2016-2020 Strategic Direction.

Market Prices for Electricity

Where revenue from electricity generation is linked to market prices, there could be revenue fluctuation due to a number of factors, including: the amount of excess generating capacity relative to load in that market; the structure of that market; weather conditions which impact electrical load; growth in demand for electricity; absolute and relative prices for energy; and developments in conservation and demand management.

Exchange Rate Fluctuations

Hydro Ottawa uses the Canadian dollar as its functional currency. It already owns generation assets in the United States, and might during the next five years expand its operations and assets in that market. A significant depreciation of the value of the US dollar relative to the Canadian dollar may adversely affect the value of the Corporation's US-based assets and the related revenues. Conversely, a significant depreciation of the Canadian dollar relative to the US dollar may affect the Corporation's capacity to finance and the expected rate of return from its US investments.

Climate Change

Climate change is affecting the rate of occurrence of extreme weather events, and in some cases their severity as well. The impact of these events on North America's aging electricity grid will test utilities' capacity to respond to emergencies and restore power in a timely manner. Over the long term, grid renewal investments, such as those planned by Hydro Ottawa, should make the electricity system more robust. Regulatory and public support for such investments and the related management systems cannot be taken as a given, though expectations for utilities to be responsive, agile and resilient during and after extreme weather events are likely to remain. There could therefore be a disconnect between the climate change resilience expected of utilities and the resources available to achieve this level of resilience.

Hydrology

The amount of electricity generated at Hydro Ottawa's hydro-electric facilities depends upon available water flows and weather conditions, which vary naturally from season to season, and from year to year. Water flows may also be affected by natural disaster or through government controls and policies on water levels.

Hydro Ottawa will continue to provide efficient, reliable electricity distribution services to customers at a competitive cost, generate green power, and provide energy and utility services and conservation expertise while maintaining sustainable earnings.

Dependence on Partners

The growth opportunities identified in the strategic plan may depend upon the presence of willing partners, and/or partners that perform to long-term expectations. An absence of willing merger or acquisition partners, or utilities and others willing to partner on utility service delivery, could negatively impact Hydro Ottawa's ability to deliver on its financial objectives, as could the underperformance of key business partners.

Workforce Demographics

Across the electricity sector, retirements are outpacing new entrants to the workforce, which could have an adverse impact on the ability of the Corporation to build a sustainable workforce and achieve its business objectives. Hydro Ottawa's investments in apprenticeships, internships, diversity, knowledge management, succession planning and retiree and older worker engagement programs are designed to manage risks relating to workforce demographics.

Technology Infrastructure

The Corporation's business performance is dependent upon complex technology systems, including customer information and billing systems, advanced metering, and operational technologies such as geographic information systems, system control and outage management systems. The failure of one or more of these key systems, or a failure of the Corporation to plan effectively for future technology needs or transition effectively to new technology systems could adversely impact the Corporation's business operations.

Cyber Security

The Corporation's reliance on information systems and expanded data transmission and exchange networks, in conjunction with the growing extent of systems and data integration within the electricity sector, increases its exposure to information security threats, including cyber security risks. A security breach, data corruption or system failure at a shared resource or common service provider, could put Hydro Ottawa's information systems and information assets at risk.

5.3 CONCLUSION

Subject to the risks and uncertainties discussed in this document, Hydro Ottawa will continue to provide efficient, reliable electricity distribution services to customers at a competitive cost, generate green power, and provide energy and utility services and conservation expertise while maintaining sustainable earnings. The company will achieve this by continuing to invest in core distribution assets, improving productivity and pursuing business growth opportunities that leverage corporate strengths.

With the 2015 approval of the 2016-2020 Custom Incentive Rate application, Hydro Ottawa has received approval for capital investment in electricity infrastructure for the next five years. Hydro Ottawa customers will continue to benefit from reliable electricity distribution with stable, moderate, and predictable rate impacts. The company also continues to actively pursue opportunities for expansion in non-regulated business lines in accordance with the endorsed strategy.

Hydro Ottawa has established a strong financial position and is well-positioned for continued growth. Over the 2016-2020 period, the company will generate significantly greater shareholder value than under the previous five-year plan.

6. Governance and Reporting

Accountability for the effective operation of the Corporation and its subsidiaries rests with an eleven-member Board of Directors, which provides direction to the Corporation on behalf of the shareholder, the City of Ottawa. The Board provides leadership for the company within a framework of effective controls that enables risks to be assessed and managed, and is responsible for supervising the management of the business and affairs of the company and its subsidiaries.

In carrying out its oversight function, the Board of Directors is guided by a Shareholder Declaration issued by Ottawa City Council and revised from time to time.

In 2006, a separate Board of Directors was established to oversee the operations of Hydro Ottawa Limited, in accordance with the Affiliate Relationships Code for Electricity Distributors and Transmitters issued by the Ontario Energy Board. The powers and functions of that board are set out in a Shareholder Declaration issued by the Hydro Ottawa Holding Inc. Board of Directors.

On a day-to-day basis, the Corporation is led by an Executive Management Team, comprising the Corporation's President and Chief Executive Officer and the senior executives of the subsidiaries and critical functional areas. This team oversees the alignment of business practices and strategies with the goals of the Corporation, and drives performance by managing risks and opportunities. The Executive Management Team is accountable to the Corporation's Board of Directors through the President and Chief Executive Officer.

The Board will monitor progress against the strategic plan on a quarterly basis and make adjustments as required by changing circumstances. The Corporation will report on progress annually to the Shareholder, at the time of the Annual General Meeting. A summary of the Corporation's financial results is provided to the shareholder on a quarterly basis through the City Manager.

Monitoring progress

Hydro Ottawa
3025 Albion Road North
PO Box 8700
Ottawa, Ontario K1G 3S4
Tel (613) 738-5499
Fax (613) 738-6402

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, 2017.

APPLICATION AND APPROVAL SOUGHT

1.0 INTRODUCTION

The Applicant, Hydro Ottawa Limited (herein referred to as "Hydro Ottawa"), is a corporation incorporated pursuant to the *Business Corporations Act* (Ontario) and is licensed by the OEB pursuant to Electricity Distribution License No. ED-2002-0556 to distribute electricity to customers residing within the City of Ottawa and Village of Casselman.

Hydro Ottawa hereby applies to the OEB – pursuant to section 78 of the *Ontario Energy Board Act, 1998* (the "OEB Act"), the Custom IR rate setting method outlined in the OEB's 2012 report entitled *Renewed Regulatory Framework for Electricity Distributors: A Performance Based Approach* ("RRFE Report"), the OEB's Decision and Rate Order in EB-2015-0004, and the OEB's Pole Attachment Decision in EB-2015-0004 – for an Order or Orders approving:

a) Final distribution rates effective January 1, 2017, determined from a service revenue requirement of $182,069,832, as set out in Exhibit 6-1-1; and
b) All other specific relief sought, as set out below.

This Application is guided by the requirements set out in:

a) The OEB's Chapter 2 *Filing Requirements for Electricity Distribution Rate Applications* dated July 14, 2016 (the "Filing Requirements"); and
b) RRFE Report.

This Application is supported by written evidence as enumerated in Exhibit 1-1-1, Table of Contents. Hydro Ottawa may amend or supplement this written evidence prior to or during the course of the OEB's hearing of the Application or the rendering of its final decision.

Hydro Ottawa accordingly proposes the following title for the proceeding that is commenced by this Application:

Hydro Ottawa Limited
2017 Electricity Distribution Rates.

Hydro Ottawa requests that this Application be disposed of by way of a written hearing, but recognizes that the OEB may choose a different process as deemed appropriate.

Hydro Ottawa requests that the OEB make its Rate Order(s) emanating from the current proceeding effective January 1, 2017. In the event that the OEB's Decision with Reasons and Rate Order(s) cannot be delivered until after December 1, 2016, then Hydro Ottawa requests that the OEB grant an Order making its current distribution rates and charges interim effective January 1, 2017 and establish an account allowing Hydro Ottawa to recover any differences between the interim rate and the approved rates as determined by the OEB in its final Decision and Order.

The Tariff of Rates and Charges proposed in this Application is set out in Exhibit 8-10-1. In this Application, Hydro Ottawa provides evidence to support all rates and charges for 2017.

2.0 SPECIFIC RELIEF REQUESTED

Hydro Ottawa accordingly applies to the OEB for the following Order or Orders:

a) Approval of 2017 revenue requirement, as adjusted by the Pole Attachment Decision as proposed in Exhibit 6-1-1, including:
    i. Revenue Offset forecasts as set out in Exhibit 3-2-1;
b) Approval of 2017 electricity distribution rates and charges, as proposed in Exhibit 8-10;
c) Approvals related to deferral and variance accounts, as proposed in Exhibit 9, including:
    i. Disposal of balances in existing deferral and variance accounts as at December 31, 2014, as set out in Exhibit 9-2-1;
    ii. Approval of new deferral and variance accounts, as proposed in Exhibit 9-1-2, including:
        i. Standby Revenue Deferral Account; and
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.

Hydro Ottawa requests, pursuant to subsection 17(1) of the *Statutory Powers Procedure Act*, that the OEB give reasons in writing for its final Decision and Order(s) in this proceeding.

The name of Hydro Ottawa's authorized representative, with contact information, is set out below and in the evidence that is filed with the Application. Hydro Ottawa requests that all documents issued or filed in connection with this proceeding be served on its authorized representative.

Authorized Representative:

Greg Van Dusen
Director, Regulatory Affairs
Hydro Ottawa Limited

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

Telephone: 613-738-5499 ext. 7472
E-mail: RegulatoryAffairs@HydroOttawa.com

Dated at Ottawa, Ontario, this 15th Day of August, 2016.

Applicant

Hydro Ottawa Limited ("Hydro Ottawa")
3025 Albion Road North, PO Box 8700
Ottawa, Ontario
K1G 3S4

Signed by:

Greg Van Dusen
Director, Regulatory Affairs
Hydro Ottawa Limited

Appendix to Application

Title of Proceeding:	an Application by Hydro Ottawa Limited for an Order or Orders approving or fixing just and reasonable distribution rates and other charges effective January 1, 2017
Applicant's Name:	Hydro Ottawa Limited ("Hydro Ottawa")
Applicant's Address:	3025 Albion Road North P.O. Box 8700 Ottawa, Ontario K1G 3S4 RegulatoryAffairs@HydroOttawa.com

OEB DIRECTIVES FROM PREVIOUS BOARD DECISIONS AND/OR ORDERS

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

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.

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)." The OEB instructed Hydro Ottawa to clear the variance account balance as part of its 2017 application. Please see Exhibit 9-1-1 and Exhibit 9-2-1 for Hydro Ottawa's proposal to dispose of this balance.

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.

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.

NOTICE OF APPLICATION

1.0 INTRODUCTION

Pursuant to the OEB's filing requirements, set out in the Chapter 2 *Filing Requirements for Electricity Distribution Rate Applications* issued July 14, 2016, this Schedule provides the following administrative information:

1. Notice of Application, including:
    a. Statement of who will be affected by this Application;
    b. Summary of Bill Impacts;
    c. Publication information;
    d. Contact information; and
    e. Internet address for viewing the Application.

2.0 NOTICE OF APPLICATION

a) Affected Customers

Hydro Ottawa has approximately 324,000 distribution customers across its service territory that will be affected by this Application. More information regarding Hydro Ottawa's customer base is available in Exhibit 1-2-1, Exhibit 1-4-1, and Exhibit 3-1-1.

Retail service charges and Generation service charges will increase, per the Approved Settlement Agreement. For further details, please see Exhibit 8-7-1.

Hydro Ottawa is requesting approval of its current Load Displacement Generation Standby charges on a final basis. A new Standby Charge is being proposed for customers who request back-up reliability supply. For further details, please see Exhibit 7-1-1.

b) Summary of Bill Impacts

Table 1 and 2 below provide a high-level summary of distribution bill impacts for a typical residential customer using 750 kWh per month and for a General Service <50kW customer using 2000 kWh per month. Hydro Ottawa proposes to include in its Notice of Application a summary of bill impact information that will be published pursuant to OEB directions or as set out below.

Table 1 – Residential Bill Impact

Residential (750 kWh)	
	2017
Distribution Total ($)	$27.93
Total Bill (% Δ)	0.16%

Table 2 – General Service <50KW Bill Impact

General Service <50KW (2000 kWh)	
	2017
Distribution Total ($)	$63.29
Total Bill (% Δ)	0.80%

c) Publication and Service Information

Hydro Ottawa proposes to publish a notice of this Application in the *Ottawa Citizen* and *LeDroit* newspapers and post a copy of the Application on Hydro Ottawa's website www.hydroottawa.com. 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 a paid circulation of approximately 105,614 and 34,755, respectively.[1] Hydro Ottawa chooses these publications due to their significant reach into the English- and French-speaking communities within the City of Ottawa and the Village of Casselman.

[1] Newspapers Canada, 2015 Daily Newspaper Circulation Spreadsheet.

In addition, Hydro Ottawa proposes to send letters of notice to relevant licensed electricity retailers, and to current standby customers and customers who have shown interest in standby services.

d) Contact Information

The name and contact information of Hydro Ottawa's authorized representative for this Application to the Board is:

a. Authorized Representative

Mr. Gregory Van Dusen
Director, Regulatory Affairs
Hydro Ottawa Limited

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

Telephone: 613-738-5499 ext. 7472
E-mail: RegulatoryAffairs@HydroOttawa.com

e) Internet Address for Viewing the Application

This Application and related documents will be available for viewing on Hydro Ottawa's website, www.hydroottawa.com, pending receipt of direction from the OEB.

DISTRIBUTION SYSTEM OVERVIEW

Hydro Ottawa is a corporation incorporated pursuant to the *Business Corporation Act* (Ontario) and is licensed under OEB Electricity Distributor License No. ED-2002-0556. Hydro Ottawa distributes electricity to approximately 324,000 customers within the City of Ottawa and the Village of Casselman.

According to the latest OEB statistics, Hydro Ottawa is the fourth largest electricity distributor in Ontario (by number of customers), with a service territory of 1,104 square kilometers that includes a dense urban core, large areas of suburban development, and a vast rural area representing approximately 60% of the company's territory.[1]

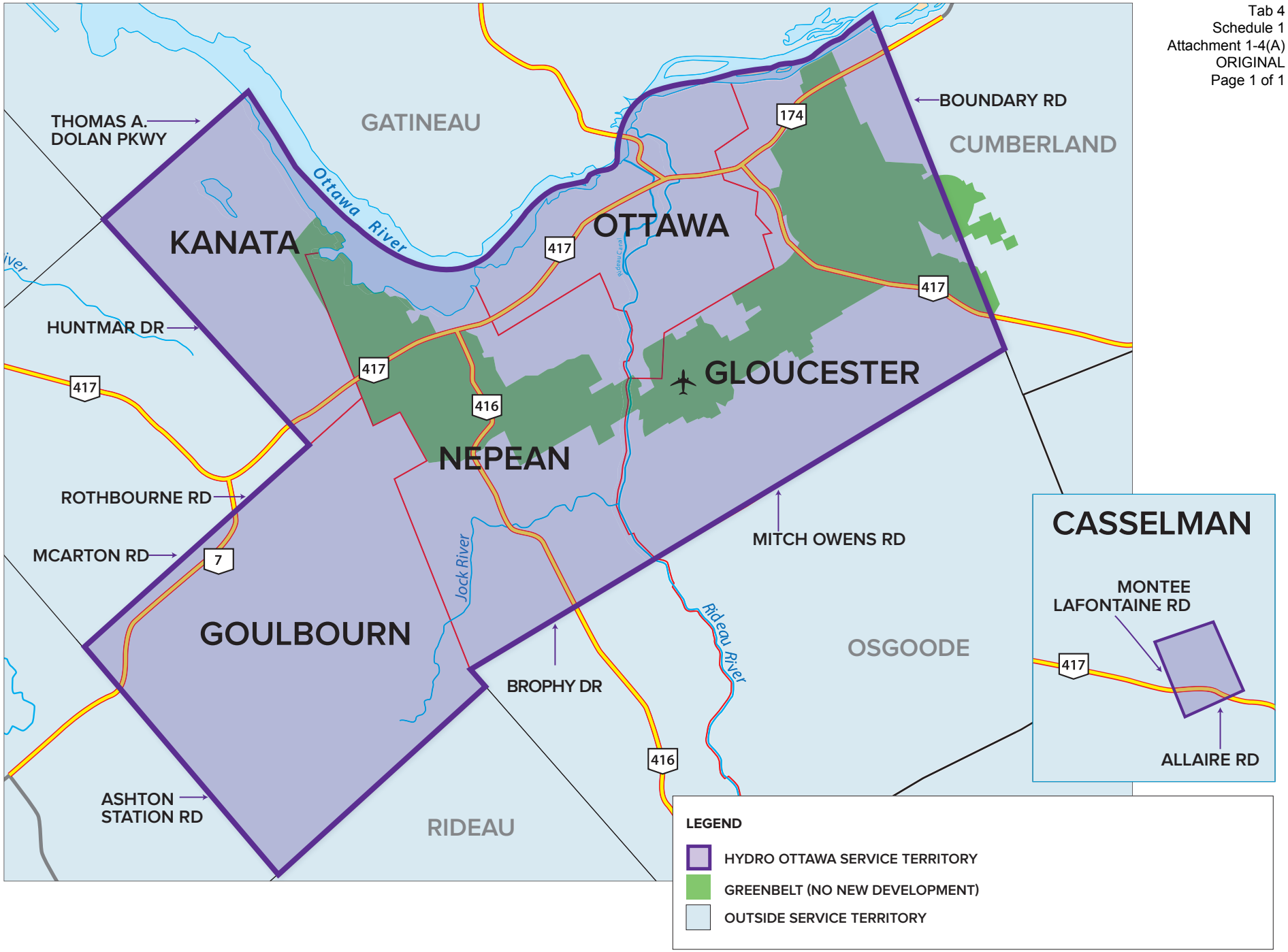
Hydro Ottawa was created in the year 2000, following the amalgamation of the municipalities of the former Region of Ottawa-Carleton. Hydro Ottawa was formed through the merging of five predecessor utilities: Ottawa Hydro, Kanata Hydro, Gloucester Hydro, Nepean Hydro, and Goulbourn Hydro. In 2002, Hydro Ottawa acquired the service territory of Casselman Hydro.

The Ottawa and Casselman segments of the service territory are non-contiguous, with the City of Ottawa and the Village of Casselman separated by the territory of Hydro One. Accordingly, Hydro Ottawa contains no licensed distributors embedded within its service area. Hydro Ottawa's load is primarily delivered through transmission connection points; however, there are a number of delivery points embedded in the Hydro One distribution system, primarily in rural areas.

Hydro Ottawa has high voltage assets (>50kV) that the OEB has previously deemed as distribution assets. These assets largely consist of transformer substations that are located throughout Hydro Ottawa's service territory.

A map of Hydro Ottawa's service territory is included below.

[1] OEB 2015 Yearbook of Electricity Distributors.


THOMAS A. DOLAN PKWY
GATINEAU
Ottawa River
BOUNDARY RD
CUMBERLAND
174
KANATA
OTTAWA
417
417
HUNTMAR DR
417
GLOUCESTER
416
NEPEAN
ROTHBOURNE RD
MCARTON RD
7
Jock River
MITCH OWENS RD
CASSELMAN
MONTEE LAFONTAINE RD
417
ALLAIRE RD
GOULBOURN
BROPHY DR
Rideau River
OSGOODE
416
ASHTON STATION RD
RIDEAU
LEGEND
HYDRO OTTAWA SERVICE TERRITORY
GREENBELT (NO NEW DEVELOPMENT)
OUTSIDE SERVICE TERRITORY

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) – 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."[1]

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, 2015, Hydro Ottawa serviced 323,919 customers over a 1,104 square kilometer service territory, within the City of Ottawa and Village of Casselman. Of those customers, 296,036 were residential; 24,563 were General Service <50kW; 3,310 were General Service >50kW; and 10 were Large Users. Further, as the electricity distributor of the nation's capital, Hydro Ottawa provides services in both official languages.

[1] 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.

The need for and value in engaging customers ensures that Hydro Ottawa's business initiatives continue to align with the needs and expectations of its rapidly growing and 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 14, 2016, require that *"The applicant must provide justification for year-over-year changes to its rate base, capital expenditures, OM&A and other items above a materiality threshold."*

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, per its Approved Settlement Agreement, no variance analysis has been completed per these materiality requirements.

Hydro Ottawa notes that the same materiality threshold requirements, per the *Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors* issued on July 14, 2008, are used for the determination of the eligibility of a Z factor. 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."[1] Hydro Ottawa is not applying for a Z factor as part of this Application.

[1] Approved Settlement Agreement, p. 27.

ACCOUNTING ORDERS

Hydro Ottawa confirms that it has complied with the Uniform System of Accounts ("USofA"), as set out in the OEB's Accounting Procedures Handbook ("APH").

As part of its 2012 (EB-2011-0054) and 2016 (EB-2015-0004) OEB-approved decisions, Custom IR Application, and pole attachment rates, Hydro Ottawa received utility-specific accounting orders. Hydro Ottawa confirms compliance related to its utility-specific accounting orders.

RATE BASE

1.0 INTRODUCTION

This Schedule provides an overview of Hydro Ottawa's approved distribution rate base for the 2016 to 2020 Custom IR period.

The rate base used to determine the revenue requirement included a forecast of net fixed assets, calculated on a mid-year average basis, plus Working Capital Allowance ("WCA"). Net fixed assets are gross assets in service minus accumulated amortization and contributed capital.

Table 1 below shows Hydro Ottawa's approved rate base values for 2016 through 2020. Table 1 provides the opening, closing, and average balances for gross assets and accumulated depreciation. Table 1 further provides the closing balance for net fixed assets and Hydro Ottawa's WCA.

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 Table 1 below. Also, per the Approved Settlement Agreement, new deferral and variance accounts have been established for the treatment of Hydro Ottawa's new facilities. The new facilities are not included in the gross asset and rate base numbers presented in Table 1.

Table 1 – Summary of Approved Rate Base ($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	$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**

For detail on Capital Additions, please see Exhibit 2-2-1. In addition, for more details related to the Allowance for Working Capital, please see Exhibit 2-3-1.

GROSS ASSETS – PROPERTY PLANT AND EQUIPMENT AND ACCUMULATED DEPRECIATION

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."[1] Please see Table 1 for a summary of Hydro Ottawa's Approved Gross Assets and Accumulated Depreciation.

[1] Approved Settlement Agreement, p. 14.

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	$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

Provided in Table 2 is the updated Capital Additions Schedule by Capital Program, per the Approved Settlement Agreement.

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

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

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 will be included in Hydro Ottawa's 2018 annual rate adjustment application.

In addition, as part of the Approved Settlement Agreement, a Loss on Disposal Variance Account was established. An amount is estimated for its impact on rate base. However, any variance 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. Reporting on this variance account will be included in Hydro Ottawa's 2018 annual rate adjustment application.

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. Hydro Ottawa is not filing any amounts related to these Accounts as part of this Application. Please see Exhibit 9-2-1 for the proposed disposition of Deferral and Variance Accounts. Hydro Ottawa will next report on the Y Factor and Variance Accounts as part of its 2016 annual report and 2018 annual rate adjustment application.

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 report annually on the Actual Capital Additions by the three categories.

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 2017 rates.

Hydro Ottawa performed a Lead Lag Study as part of its Custom IR Application. The Working Capital percentage in Table 1 reflects 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. Operations, 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 for further details related to OM&A.

Table 1 – Working Capital Allowance ($000)[1]

	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**

[1] Totals may not match due to rounding.

LOAD FORECAST

1.0 INTRODUCTION

Hydro Ottawa engaged Itron to complete its 2015 to 2020 sales and energy forecast. Itron completed forecasts for total purchases sales and system demand and rate class sales, customers and connections, and billing demand. The forecast utilized actual data on sales, customer numbers and connections, and purchases until August 2014. Forecasts were provided both with and without the impact of future Conservation and Demand Management ("CDM") targets.

A Purchases model was used with total sales allocated to the rate class sales forecast.

While completing the load forecast, Hydro Ottawa was performing its analysis for its rate reclassification. Based on a detailed customer level analysis of the impact of the rate reclassification, Hydro Ottawa has adjusted the class level load forecast and customer numbers developed by Itron. The total kWh sales, kW demand, and customer and connection numbers equal that of Itron's. However, the class level forecasts are different – the main reclassification being between General Service < 50 kW and General Service > 50 kW classifications.

Hydro Ottawa adjusted the forecast to include Sentinel Lights and Standby Demand, as these were not forecasted separately by Itron.

As part of the Approved Settlement Agreement, Parties accepted Hydro Ottawa's load and customer forecast for 2016 to 2020. Tables 1 to 4 below summarize Hydro Ottawa's load forecast, with CDM.

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

Table 1 – Hydro Ottawa 2016 through 2020 Forecasted Sales Forecast (MWh) by class[1]

	2016	2017	2018	2019	2020
RESIDENTIAL	2,216,045	2,198,259	2,206,411	2,214,984	2,217,628
GENERAL SERVICE <50KW	726,360	716,896	709,791	704,193	699,744
GENERAL SERVICE 50-1000KW Non Interval	1,386,977	1,336,827	1,295,564	1,259,397	1,226,514
GENERAL SERVICE 50-1000KW Interval	1,207,946	1,214,762	1,226,094	1,240,552	1,256,773
GENERAL SERVICE 1000-1500KW	359,518	355,856	353,764	352,644	352,100
GENERAL SERVICE 1500-5000 KW	863,309	877,400	895,369	914,569	935,554
LARGE USER	620,218	619,253	618,467	617,036	615,195
STREETLIGHTING	43,552	43,653	43,765	43,876	44,015
UNMETERED	16,651	16,690	16,731	16,772	16,827
SENTINEL LIGHTS	48	48	48	48	48
TOTAL MWH SALES	7,440,624	**7,379,644**	7,366,004	7,364,071	7,364,398

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

[1] Forecast does not include Dry Core Transformer Charge.

Table 2 – Hydro Ottawa 2016 through 2020 Demand Forecast (kW) by class

	2016	**2017**	2018	2019	2020
GENERAL SERVICE 50-1000KW Non Interval	3,533,354	3,406,354	3,301,064	3,208,582	3,123,291
GENERAL SERVICE 50-1000KW Interval	2,725,183	2,740,805	2,766,375	2,798,890	2,835,076
GENERAL SERVICE 1000-1500KW	769,442	761,481	756,911	754,458	753,212
GENERAL SERVICE 1500-5000 KW	1,847,365	1,877,691	1,916,044	1,957,009	2,001,525
STANDBY	4,800	4,800	4,800	4,800	4,800
LARGE USER	1,121,449	1,119,726	1,118,300	1,115,702	1,112,342
STREETLIGHTING	123,144	123,144	123,144	123,144	123,144
SENTINEL LIGHTS	216	216	216	216	216
TOTAL	10,124,953	**10,034,217**	9,986,854	9,962,801	9,953,606

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

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 <50KW	24,512	24,626	24,739	24,850	24,959
GENERAL SERVICE 50-1000KW NONI	2,481	2,481	2,481	2,481	2,481
GENERAL SERVICE 50-1000KW INT	758	785	813	841	869
GENERAL SERVICE 1000-1500KW	57	57	57	58	58
GENERAL SERVICE 1500-5000 KW	76	76	76	76	76
STANDBY	2	2	2	2	2
LARGE USERS	11	11	11	11	11
TOTAL CUSTOMERS	325,240	**329,296**	333,323	337,308	341,243

	2016	2017	2018	2019	2020
STREET LIGHTING	55,516	55,516	55,516	55,516	55,516
SENTINEL LIGHTS	55	51	47	43	39
UNMETERED SCATTERED LOADS	3,477	3,525	3,573	3,621	3,669
TOTAL CONNECTIONS	59,048	**59,092**	59,136	59,180	59,224

Table 4 provides Hydro Ottawa's forecast kW for 2016 through 2020 for the transformer ownership credit.

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

	2016	2017	2018	2019	2020
GENERAL SERVICE 50-1000KW NONI	(883,339)	(851,589)	(825,266)	(802,146)	(780,823)
GENERAL SERVICE 50-1000KW INT	(681,296)	(685,201)	(691,594)	(699,723)	(708,769)
GENERAL SERVICE 1000-1500KW	(192,361)	(190,370)	(189,228)	(188,615)	(188,303)
GENERAL SERVICE 1500-5000 KW	(461,841)	(469,423)	(479,011)	(489,252)	(500,381)
LARGE USER	(280,362)	(279,932)	(279,575)	(278,926)	(278,086)
TOTAL CUSTOMERS	(2,499,198)	**(2,476,514)**	(2,464,674)	(2,458,660)	(2,456,362)

For the 2017 class level revenue forecast, please see Attachment 6-1(A), Revenue Requirement.

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

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

Table 5 – Hydro Ottawa 2016 through 2020 Sales CDM Adjustments (MWh) by class[2]

	2016	2017	2018	2019	2020
RESIDENTIAL	16,725	28,574	39,437	49,312	59,186
GENERAL SERVICE <50KW	10,727	18,627	25,869	32,452	39,035
GENERAL SERVICE 50-1000KW Non Interval	37,380	64,684	89,512	111,938	134,259
GENERAL SERVICE 50-1000KW Interval	32,771	57,538	80,453	101,447	122,573
GENERAL SERVICE 1000-1500KW	9,666	16,844	23,414	29,368	35,296
GENERAL SERVICE 1500-5000 KW	0	0	0	0	0
LARGE USER	0	0	0	0	0
STREETLIGHTING	0	0	0	0	0
UNMETERED	0	0	0	0	0
SENTINEL LIGHTS	0	0	0	0	0
TOTAL MWH SALES	107,269	**186,267**	258,685	324,517	390,349

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

[2] Forecast does not include Dry Core Transformer Charge

Table 6 – Hydro Ottawa 2016 through 2020 Demand CDM Adjustments (kW) by class

	2016	**2017**	2018	2019	2020
GENERAL SERVICE 50-1000KW Non Interval	5,215	10,723	16,118	20,642	25,146
GENERAL SERVICE 50-1000KW Interval	6,730	11,679	16,227	20,422	24,643
GENERAL SERVICE 1000-1500KW	1,825	3,220	4,506	5,663	6,814
GENERAL SERVICE 1500-5000 KW	0	0	0	0	0
STANDBY	0	0	0	0	0
LARGE USER	0	0	0	0	0
STREETLIGHTING	0	0	0	0	0
SENTINEL LIGHTS	0	0	0	0	0
TOTAL	13,770	**25,622**	36,851	46,727	56,603

OTHER REVENUE

1.0 INTRODUCTION

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.

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

	2016 Forecast $	2017 Forecast $	2018 Forecast $	2019 Forecast $	2020 Forecast $
Settlement Revenue Offset	**11,696,988**	**11,562,581**	**11,719,491**	**11,799,409**	**11,895,283**

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 for further details.

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

	2016 Forecast $	2017 Forecast $	2018 Forecast $	2019 Forecast $	2020 Forecast $
Final Revenue Offset	**11,471,600**	**11,337,193**	**11,437,756**	**11,517,674**	**11,613,548**

Hydro Ottawa has incorporated the Pole Attachment Decision into its 2017 rates, as instructed by the OEB. Please see Exhibit 8 for pole attachment rates, as well as other Specific Service Charges.

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

Table 3 – Other Revenue Reconciliation

	2016 Forecast $	2017 Forecast $	2018 Forecast $	2019 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 filed in 2018.

Table 1 – Summary of Operating Expenses[1]

	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 2017 is set at $84.7M. This represents an escalator of 1.91% over the 2016 level of OM&A.

[1] Totals may not match due to rounding.

3.0 DEPRECIATION AND AMORTIZATION EXPENSES

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.

4.0 PILS AND PROPERTY TAXES

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 City of Ottawa 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.

OPERATING, MAINTENANCE AND ADMINISTRATION EXPENSE

1.0 INTRODUCTION

This Exhibit provides a summary of Hydro Ottawa's Operating, Maintenance and Administration ("OM&A") expenditures, as per the Approved Settlement Agreement. This Schedule further describes Hydro Ottawa's approach to OM&A planning.

As part of the Approved Settlement Agreement, the basis of the five-year Custom IR period 2016 to 2020 was set. The Parties agreed to recoverable OM&A for 2016 of $83,105,564. The 2017 and 2018 period would be increased by a 1.91% escalator on a compound basis. The escalator was determined by starting with a 2.07% inflation factor, adjusted by +0.14% growth factor, and further adjusted by a -0.3% productivity/stretch factor.

The 2019 and 2020 escalator will be adjusted as part of Hydro Ottawa's annual rate adjustment application to be filed in 2018, consistent with the approach outlined in the Approved Settlement Agreement. As per this approach, only the inflationary factor of 2.07% will be updated (consistent with the method used to produce the 2017 and 2018 inflationary factor). The 2017 and 2018 inflationary factor was "derived by a recalculation of the OEB's inflation factor using a weight of 60% labour and 40% non-labour inflation rate."[1] The growth factor and productivity/stretch factor remain set for the four-year period of 2017 to 2020.

Table 1 provides a summary of recoverable OM&A. As indicated, 2019 and 2020 will be updated as part of the annual rate adjustment application filed in 2018.

[1] Approved Settlement Agreement, p. 20.

Table 1 – Summary of Recoverable OM&A

	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

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.

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*. The four key focus areas for the company are:

- Customer value;
- Financial strength;
- Organizational effectiveness; and
- Corporate citizenship.

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.

As noted above, the OM&A budget for the 2017-2020 years is based on an escalator. Recognizing that Hydro Ottawa cannot accurately predict all potential OM&A funding requirements that may emerge during the 2017-2020 period, per the Approved

Settlement Agreement Hydro Ottawa is not precluded from applying for a Z factor application. Hydro Ottawa will only resort to using the Z factor mechanism if costs incurred arise from unforeseen events, decisions or activities, the results of which cannot be reasonably anticipated or quantified at this juncture and where the costs exceed Hydro Ottawa's materiality threshold. Examples include unforeseen weather events or 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."[1] As such,

[1] Approved Settlement Agreement, p. 23.

the Capital Investment Variance Account does not impact Hydro Ottawa's proposed distribution rates for 2017. Hydro Ottawa will next report on the variance account as part of its 2016 annual report and 2018 annual rate adjustment application.

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. Reporting on this variance account will be included in Hydro Ottawa's 2018 annual rate adjustment application.

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. Hydro Ottawa is not filing any amounts related to these Accounts as part of this Application. Please see Exhibit 9-2-1 for the proposed disposition of Deferral and Variance Accounts. Hydro Ottawa will next report on the Y Factor and Variance Accounts as part of its 2016 annual report and 2018 annual rate adjustment application.

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 2017 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 $000	2017 $000	2018 $000	2019 $000	2020 $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.

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Version 1.0

Utility Name	Hydro Ottawa Limited
Assigned EB Number	EB-2015-0004
Name and Title	Geoff Simpson, Chief Financial Officer
Phone Number	613-738-5499
Email Address	geoffsimpson@hydroottawa.com
Date	Settement - Test Year - 2017
Last COS Re-based Year	**2012**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

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

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

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	**-21,165,928**	
Test Year - Payments in Lieu of Taxes (PILs)	T0	**2,671,102**	
Test Year - Grossed-up PILs	T0	**3,634,152**	
Federal Tax Rate	T0	**15.0%**	
Ontario Tax Rate	T0	**11.5%**	
Calculation of Adjustments required to arrive at Taxable Income			
Regulatory Income (before income taxes)	T1	31,971,974	
Taxable Income	T1	10,806,045	
Difference	calculated	-21,165,928	as above

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Rate Base		S	**$**	**869,749,016**	
Return on Ratebase					
Deemed ShortTerm Debt %	4.00%	T	$	34,789,961	*W = S * T*
Deemed Long Term Debt %	56.00%	U	$	487,059,449	*X = S * U*
Deemed Equity %	40.00%	V	$	347,899,606	*Y = S * V*
Short Term Interest Rate	2.16%	Z	$	751,463	*AC = W * Z*
Long Term Interest	3.59%	AA	$	17,461,081	*AD = X * AA*
Return on Equity (Regulatory Income)	9.19%	AB	**$**	**31,971,974**	*AE = Y * AB* T1
Return on Rate Base			**$**	**50,184,518**	*AF = AC + AD + AE*

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
7. Did the applicant pay dividends? *If Yes, please describe what was the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

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					
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	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	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.

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

PILs Tax Provision - Historical Year

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

					Wires Only	
Regulatory Taxable Income				H1	-$ 6,256,777	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**M = K + L**
Total Income Taxes					**-$ 1,658,046**	**E = A * D**
	Investment Tax Credits					**F**
	Miscellaneous Tax Credits					**G**
Total Tax Credits					**$ -**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ -**	**I = H + E**

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	A	27,637,000		27,637,000
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	38,416,273		38,416,273
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			0
Loss on disposal of assets	111	1,013,053		1,013,053
Charitable donations	112			0
Taxable Capital Gains	113			0
Political Donations	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118			0
Capitalized interest	119			0
Non-deductible club dues and fees	120			0
Non-deductible meals and entertainment expense	121	75,000		75,000
Non-deductible automobile expenses	122			0
Non-deductible life insurance premiums	123			0
Non-deductible company pension plans	124			0
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			0
Book loss on joint ventures or partnerships	205			0
Capital items expensed	206			0
Debt issue expense	208			0

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		182,500		182,500

Impairment charge				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**48,890,634**	**0**	**48,890,634**
Deductions:				
Gain on disposal of assets per financial statements	401			0
Dividends not taxable under section 83	402			0
Capital cost allowance from Schedule 8	403	71,086,230		71,086,230
Terminal loss from Schedule 8	404			0
Cumulative eligible capital deduction from Schedule 10	405	998,873		998,873
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411			0
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			0
Equity in income from subsidiary or affiliates	306			0
Other deductions: (Please explain in detail the nature of the item)				
Interest capitalized for accounting deducted for tax	390	1,427,000		1,427,000
Capital Lease Payments	391			0
Non-taxable imputed interest income on deferral and variance accounts	392			0
	393			0
	394			0
ARO Payments - Deductible for Tax when Paid				0
ITA 13(7.4) Election - Capital Contributions Received				0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				0
Deferred Revenue - ITA 20(1)(m) reserve				0
Principal portion of lease payments				0
Lease Inducement Book Amortization credit to income				0
Financing fees for tax ITA 20(1)(e) and (e.1)				0
Tax credits accrued for in current year & deducted in financials in current year				0
				0
				0
				0
				0

				0
				0
Total Deductions		**82,710,911**	**0**	**82,710,911**
Net Income for Tax Purposes		**-6,183,277**	**0**	**-6,183,277**
Charitable donations from Schedule 2	311	73,500		73,500
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 *(Please include explanation and calculation in Manager's summary)*	332			0
Limited partnership losses of preceding taxation years from Schedule 4	335			0
TAXABLE INCOME		**-6,256,777**	**0**	**-6,256,777**

Ontario Energy Board

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	Non-Distribution Portion	Utility Balance	
Actual Historical	0		0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Distribution System - post 1987	185,408,275		185,408,275
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	23,958,201		23,958,201
2	Distribution System - pre 1988	59,690,568		59,690,568
8	General Office/Stores Equip	7,909,026		7,909,026
10	Computer Hardware/ Vehicles	5,105,216		5,105,216
10.1	Certain Automobiles			0
12	Computer Software	4,247,308		4,247,308
13 1	Lease # 1			0
13 2	Lease #2			0
13 3	Lease # 3			0
13 4	Lease # 4			0
14	Franchise			0
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs			0
42	Fibre Optic Cable	327,084		327,084
43.1	Certain Energy-Efficient Electrical Generating Equipment			0
43.2	Certain Clean Energy Generation Equipment	0		0
45	Computers & Systems Software acq'd post Mar 22/04	14,376		14,376
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			0
47	Distribution System - post February 2005	404,349,210		404,349,210
50	Data Network Infrastructure Equipment - post Mar 2007	1,689,577		1,689,577
52	Computer Hardware and system software			0
95	CWIP			0
3	Building - pre 1988	9,190,094		9,190,094
				0
				0
				0
				0
				0
				0
				0
				0
				0
	SUB-TOTAL - UCC	701,888,934	0	701,888,934

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filer

Schedule 10 CEC - Historical Year

Cumulative Eligible Capital				**1,219,059**
Additions				
Cost of Eligible Capital Property Acquired during Test Year	17,400,735			
Other Adjustments	0			
Subtotal	17,400,735	**x 3/4 =**	########	
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	
			########	**13,050,551**
Amount transferred on amalgamation or wind-up of subsidiary	0			**0**
Subtotal				**14,269,610**
Deductions				
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				**14,269,610**
Current Year Deduction		**14,269,610**	**x 7% =**	**998,873**
Cumulative Eligible Capital - Closing Balance				**13,270,737**

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only	
Capital Gains Reserves ss.40(1)			0	B13
Tax Reserves Not Deducted for accounting purposes				
Reserve for doubtful accounts ss. 20(1)(l)	3,227,504		3,227,504	B13
Reserve for goods and services not delivered ss. 20(1)(m)			0	B13
Reserve for unpaid amounts ss. 20(1)(n)			0	B13
Debt & Share Issue Expenses ss. 20(1)(e)			0	B13
Other tax reserves			0	B13
			0	
			0	
			0	
			0	
			0	
Total	**3,227,504**	**0**	**3,227,504**	
Financial Statement Reserves (not deductible for Tax Purposes)				
General Reserve for Inventory Obsolescence (non-specific)			0	B13
General reserve for bad debts	3,828,062		3,828,062	B13
Accrued Employee Future Benefits:			0	B13
- Medical and Life Insurance			0	B13
-Short & Long-term Disability			0	B13
-Accmulated Sick Leave			0	B13
- Termination Cost			0	B13
- Other Post-Employment Benefits			0	B13
Provision for Environmental Costs			0	B13
Restructuring Costs			0	B13
Accrued Contingent Litigation Costs			0	B13
Accrued Self-Insurance Costs			0	B13
Other Contingent Liabilities	1,543,242		1,543,242	B13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0	B13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0	B13
Other			0	B13
			0	
			0	
Total	**5,371,304**	**0**	**5,371,304**	

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

PILS Tax Provision - Bridge Year

			Reference	Wires Only	
Regulatory Taxable Income			B1	$ 11,047,405	**A**
Combined Tax Rate and PILs	Effective Ontario Tax Rate	11.50%	**B**		
	Federal tax rate (Maximum 15%)	15.00%	**C**		
	Combined tax rate			26.50%	**D = B + C**
Total Income Taxes			calculated	**$ 2,927,562**	**E = A * D**
	Investment Tax Credits				**F**
	Miscellaneous Tax Credits			$ 167,500	**G**
Total Tax Credits				**$ 167,500**	**H = F + G**
Corporate PILs/Income Tax Provision for Bridge Year				**$ 2,760,062**	**I = H + E**

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.

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	A		30,625,466
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		40,378,861
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	B13	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		

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Adjusted Taxable Income - Bridge Year

Other Additions			
Interest Expensed on Capital Leases	290		
Realized Income from Deferred Credit 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))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits Received			167,500
Total Additions			**50,838,222**
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	60,268,749
Terminal loss from Schedule 8	404		
Cumulative eligible capital deduction from Schedule 10	405	B10	948,726
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves claimed in current year	413	B13	3,227,504
Reserves from financial statements - balance at beginning of year	414	B13	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)			

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Adjusted Taxable Income - Bridge Year

Interest capitalized for accounting deducted for tax	390		
Capital Lease Payments	391		
Non-taxable imputed interest income on 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	**70,416,283**
Net Income for Tax Purposes		calculated	**11,047,405**
Charitable donations from Schedule 2	311		
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	B4	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		
TAXABLE INCOME		calculated	**11,047,405**

Ontario Energy Board

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	H4	0	
Application of Loss Carry Forward to reduce taxable income in Bridge Year			
Other Adjustments Add (+) Deduct (-)	B1	0	
Balance available for use in Test Year	calculated	0	
Amount to be used in Bridge Year	B1	0	
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		Total	
Actual Historical	H4	0	
Application of Loss Carry Forward to reduce taxable income in Bridge Year			
Other Adjustments Add (+) Deduct (-)			
Balance available for use in Test Year	calculated	0	
Amount to be used in Bridge Year			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

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	H8	$ 185,408,275			$ 185,408,275	$ -	$ 185,408,275	4%	$ 7,416,331		$ 177,991,944
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	H8	$ 23,958,201	$ 3,085,755		$ 27,043,956	$ 1,542,878	$ 25,501,079	6%	$ 1,530,065		$ 25,513,892
2	Distribution System - pre 1988	H8	$ 59,690,568			$ 59,690,568	$ -	$ 59,690,568	6%	$ 3,581,434		$ 56,109,134
8	General Office/Stores Equip	H8	$ 7,909,026	$ 4,688,193		$ 12,597,219	$ 2,344,097	$ 10,253,123	20%	$ 2,050,625		$ 10,546,595
10	Computer Hardware/ Vehicles	H8	$ 5,105,216	$ 1,289,703		$ 6,394,919	$ 644,852	$ 5,750,068	30%	$ 1,725,020		$ 4,669,899
10.1	Certain Automobiles	H8				$ -	$ -	$ -	30%	$ -		$ -
12	Computer Software	H8	$ 4,247,308	$ 5,746,639		$ 9,993,947	$ 2,873,320	$ 7,120,628	100%	$ 7,120,628		$ 2,873,320
13 1	Lease # 1	H8				$ -	$ -	$ -		$ -		$ -
13 2	Lease #2	H8				$ -	$ -	$ -		$ -		$ -
13 3	Lease # 3	H8				$ -	$ -	$ -		$ -		$ -
13 4	Lease # 4	H8				$ -	$ -	$ -		$ -		$ -
14	Franchise	H8				$ -	$ -	$ -		$ -		$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	H8				$ -	$ -	$ -	8%	$ -		$ -
42	Fibre Optic Cable	H8	$ 327,084			$ 327,084	$ -	$ 327,084	12%	$ 39,250		$ 287,834
43.1	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	H8	$ 14,376			$ 14,376	$ -	$ 14,376	45%	$ 6,469		$ 7,907
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8				$ -	$ -	$ -	30%	$ -		$ -
47	Distribution System - post February 2005	H8	$ 404,349,210	$ 55,468,861		$ 459,818,071	$ 27,734,431	$ 432,083,640	8%	$ 34,566,691		$ 425,251,380
50	Data Network Infrastructure Equipment - post Mar 2007	H8	$ 1,689,577	$ 3,067,144		$ 4,756,721	$ 1,533,572	$ 3,223,149	55%	$ 1,772,732		$ 2,983,989
52	Computer Hardware and system software	H8				$ -	$ -	$ -	100%	$ -		$ -
95	CWIP	H8				$ -	$ -	$ -		$ -		$ -
3	Building - pre 1988		$ 9,190,094			$ 9,190,094	$ -	$ 9,190,094	5%	$ 459,505		$ 8,730,589
						$ -	$ -	$ -	10%	$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
	TOTAL		$ 701,888,934	$ 73,346,295	$ -	$ 775,235,229	$ 36,673,148	$ 738,562,082		$ 60,268,749	B1	$ 714,966,480

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filer

Schedule 10 CEC - Bridge Year

				Reference	
Cumulative Eligible Capital				H10	**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**
Subtotal					**13,553,228**
Deductions					
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					**13,553,228**
Current Year Deduction		**13,553,228**	**x 7% =**		**948,726**
Cumulative Eligible Capital - Closing Balance					**12,604,502**

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

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

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

PILs Tax Provision - Test Year

				Wires Only	
Regulatory Taxable Income			T1	$ 10,806,045	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**		
	Federal tax rate (Maximum 15%)	15.00%	**C**		
	Combined tax rate (Maximum 26.5%)			26.50%	**D = B + C**
Total Income Taxes				**$ 2,863,602**	**E = A * D**
	Investment Tax Credits				**F**
	Miscellaneous Tax Credits			$ 192,500	**G**
Total Tax Credits				**$ 192,500**	**H = F + G**
Corporate PILs/Income Tax Provision for Test Year				**$ 2,671,102**	**I = H + E** S. Su
Corporate PILs/Income Tax Provision Gross Up [1]		73.50%	**J**	**$ 963,050**	**K = J * I**
Income Tax (grossed-up)				**$ 3,634,152**	**L = K + I** S. Su

Note:

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

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Taxable Income - Test Year

		Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	31,971,974
	T2 S1 line #		
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		43,558,281
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	T13	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		
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			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	T8	65,124,596
Terminal loss from Schedule 8	404		
Cumulative eligible capital deduction from Schedule 10 CEC	405	T10	885,167
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 beginning of year	414	T13	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 tax	390		
Capital Lease Payments	391		

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)				
Total Deductions			calculated	**75,208,570**
NET INCOME FOR TAX PURPOSES			calculated	**10,806,045**
Charitable donations	311			
Taxable dividends received under section 112 or 113	320			
Non-capital losses of preceding taxation years from Schedule 7-1	331	T4		0
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	**10,806,045**

T0

Ontario Energy Board

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	B4	0		0
				0
Other Adjustments Add (+) Deduct (-)	T1	0		0
Balance available for use in Test Year	calculated	0	0	0
Amount to be used in Test Year	T1	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	B4	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

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

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	B8	$ 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	B8	$ 25,513,892	2,500,925		$ 28,014,817	$ 1,250,463	$ 26,764,354	6%	$ 1,605,861		$ 26,408,955
2	Distribution System - pre 1988	B8	$ 56,109,134			$ 56,109,134	$ -	$ 56,109,134	6%	$ 3,366,548		$ 52,742,586
8	General Office/Stores Equip	B8	$ 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	B8	$ 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	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
12	Computer Software	B8	$ 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	B8	$ -			$ -	$ -	$ -		$ -		$ -
13 2	Lease #2	B8	$ -			$ -	$ -	$ -		$ -		$ -
13 3	Lease # 3	B8	$ -			$ -	$ -	$ -		$ -		$ -
13 4	Lease # 4	B8	$ -			$ -	$ -	$ -		$ -		$ -
14	Franchise	B8	$ -			$ -	$ -	$ -		$ -		$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bl	B8	$ -			$ -	$ -	$ -	8%	$ -		$ -
42	Fibre Optic Cable	B8	$ 287,834			$ 287,834	$ -	$ 287,834	12%	$ 34,540		$ 253,294
43.1	Certain Energy-Efficient Electrical Generating Equipment	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
43.2	Certain Clean Energy Generation Equipment	B8	$ -			$ -	$ -	$ -	50%	$ -		$ -
45	Computers & Systems Software acq'd post Mar 22/04	B8	$ 7,907			$ 7,907	$ -	$ 7,907	45%	$ 3,558		$ 4,349
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
47	Distribution System - post February 2005	B8	$ 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	B8	$ 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	B8	$ -			$ -	$ -	$ -	100%	$ -		$ -
95	CWIP	B8	$ -			$ -	$ -	$ -	0%	$ -		$ -
3	Building - pre 1988		$ 8,730,589			$ 8,730,589	$ -	$ 8,730,589	5%	$ 436,529		$ 8,294,060
			$ -			$ -	$ -	$ -	10%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
	TOTAL		$ 714,966,480	$ 81,760,295	$ -	$ 796,726,775	$ 40,880,148	$ 755,846,628		$ 65,124,596	T1	$ 731,602,180

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Schedule 10 CEC - Test Year

Cumulative Eligible Capital

B10 **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**

Deductions

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			**12,645,240**
Current Year Deduction (Carry Forward to Tab "Test Year Taxable Income")	**12,645,240**	**x 7% =**	**885,167**
Cumulative Eligible Capital - Closing Balance			**11,760,073**

Ontario Energy Board

Income Tax/PILs Workform for 2016 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

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

COST OF CAPITAL AND CAPITAL STRUCTURE

1.0 CAPITAL STRUCTURE

Hydro Ottawa's capital structure is set in accordance with the OEB guidelines provided in the *Report of the Board on Cost of Capital for Ontario's Regulated Utilities,* issued on December 11, 2009. Hydro Ottawa targets a 60:40 debt to equity range. The 60% debt component is made up of 56% long-term debt and 4% short term debt.

As part of the Approved Settlement Agreement, Parties accepted "the reasonableness of Hydro Ottawa's proposals as originally set out in its pre-filed evidence and modified and enhanced in the Settlement Agreement."[1]

The Parties also agreed that if the OEB changed its policy governing cost of capital parameters during Hydro Ottawa's Custom IR term, including any changes made in respect of deemed capital structure, Hydro Ottawa would follow any mandated direction given by the OEB with respect to implementation of such changes during the Custom IR period. No such changes have been mandated.

The incorporation of the Approved Settlement Agreement in Hydro Ottawa's proposed 2017 rates is described below.

1.1 Short Term Debt

As per the Approved Settlement Agreement, the short term rate incorporated in 2017 rates is 2.16%. Hydro Ottawa's intention in maintaining a rate for a three-year period, ending December 31, 2018, is to provide regulatory efficiency and rate stability.

1.2 Long Term Debt

[1] Approved Settlement Agreement, p. 23.

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 2017 rates is 3.585%. 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, 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, 2017 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.

CALCULATION OF REVENUE DEFICIENCY OR SUFFICIENCY

1.0 INTRODUCTION

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 in detail within this Exhibit.

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 sufficiency/deficiency.

The revenue deficiency/sufficiency for 2016 through 2020 is calculated using the following inputs:

- 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 2017 year can be found in the Revenue Requirement Workform attached to this Exhibit).

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 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.

Table 1 – Revenue Sufficiency/Deficiency[1]

	$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)	 11,719 (282)	 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)**

[1] 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 2020are not final approved numbers.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Version 7.02

Utility Name	Hydro Ottawa Limited
Service Territory	
Assigned EB Number	EB-2016-0084
Name and Title	April Barrie; Manager, Rates and Revenue
Phone Number	613-738-5499, ext 106
Email Address	RegulatoryAffairs@HydroOttawa.com

The RRWF has been enhanced commencing with 2017 rate applications to provide estimated base distribution rates. The enhanced RRWF is not intended to replace a utility's formal rate generator model which should continue to be the source of the proposed rates as well as the final ones at the conclusion of the proceeding. The load forecasting addition made to this model is intended to be demonstrative only and does not replace the information filed in the utility's application. In an effort to minimize the incremental work required from utilities, the cost allocation and rate design additions to this model do in fact replace former appendices that were required to be filed as part of the cost of service (Chapter 2) filing requirements.

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

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Notes:

(1)	Pale green cells represent inputs
(2)	Pale green boxes at the bottom of each page are for additional notes
(3)	Pale yellow cells represent drop-down lists
(4)	***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***
(5)	***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.***

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Data Input [1]

		Initial Application	[2]				[6]			Per Board Decision	
1	**Rate Base**										
	Gross Fixed Assets (average)	$922,534,881	###			$ 922,534,881				$922,534,881	
	Accumulated Depreciation (average)	($131,402,402)	[5]			($131,402,402)				($131,402,402)	
	Allowance for Working Capital:										
	Controllable Expenses	$84,692,880	###			$ 84,692,880				$84,692,880	
	Cost of Power	$911,714,427	###			$ 911,714,427				$911,714,427	
	Working Capital Rate (%)	7.89%	[9]				[9]			7.89%	[9]
2	**Utility Income**										
	Operating Revenues:										
	Distribution Revenue at Current Rates	$157,871,921	###							$157,871,921	
	Distribution Revenue at Proposed Rates	$170,732,638	###							$170,732,638	
	Other Revenue:										
	Specific Service Charges	$5,706,291	###							$5,706,291	
	Late Payment Charges	$720,000	###							$720,000	
	Other Distribution Revenue	$1,426,444	###							$1,426,444	
	Other Income and Deductions	$3,484,458	###							$3,484,458	
	Total Revenue Offsets	$11,337,193	[7]							$11,337,193	
	Operating Expenses:										
	OM+A Expenses	$82,537,286	###			$ 82,537,286				$82,537,286	
	Depreciation/Amortization	$43,558,281	###			$ 43,558,281				$43,558,281	
	Property taxes	$2,155,595	###			$ 2,155,595				$2,155,595	
	Other expenses										
3	**Taxes/PILs**										
	Taxable Income:										
	Adjustments required to arrive at taxable income	($21,165,928)	[3]							($21,165,928)	
	Utility Income Taxes and Rates:										
	Income taxes (not grossed up)	$2,671,102	###							$2,671,102	
	Income taxes (grossed up)	$3,634,152								$3,634,152	
	Federal tax (%)	15.00%	###							15.00%	
	Provincial tax (%)	11.50%	###							11.50%	
	Income Tax Credits	($192,500)	###							($192,500)	
4	**Capitalization/Cost of Capital**										
	Capital Structure:										
	Long-term debt Capitalization Ratio (%)	56.0%	###							56.0%	
	Short-term debt Capitalization Ratio (%)	4.0%	[8]				[8]			4.0%	[8]
	Common Equity Capitalization Ratio (%)	40.0%	###							40.0%	
	Prefered Shares Capitalization Ratio (%)										
		100.0%								100.0%	
	Cost of Capital										
	Long-term debt Cost Rate (%)	3.59%	###							3.59%	
	Short-term debt Cost Rate (%)	2.16%	###							2.16%	
	Common Equity Cost Rate (%)	9.19%	###							9.19%	
	Prefered Shares Cost Rate (%)										

Notes:

General 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.

(1) All inputs are in dollars ($) except where inputs are individually identified as percentages (%)

(2) 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

(3) Net of addbacks and deductions to arrive at taxable income.

(4) Average of Gross Fixed Assets at beginning and end of the Test Year

(5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.

(6) 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.

(7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement

(8) 4.0% unless an Applicant has proposed or been approved for another amount.

(9) 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

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Base and Working Capital

Rate Base

Line No.	Particulars		Initial Application						Per Board Decision
1	Gross Fixed Assets (average)	(2)	$922,534,881		$ -		$922,534,881	$ -	$922,534,881
2	Accumulated Depreciation (average)	(2)	($131,402,402)		$ -		($131,402,402)	$ -	($131,402,402)
3	Net Fixed Assets (average)	(2)	$791,132,479		$ -		$791,132,479	$ -	$791,132,479
4	Allowance for Working Capital	(1)	$78,616,537		($78,616,537)		$ -	$78,616,537	$78,616,537
5	**Total Rate Base**		$869,749,016		($78,616,537)		$791,132,479	$78,616,537	$869,749,016

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		$84,692,880		$ -		$84,692,880	$ -	$84,692,880
7	Cost of Power		$911,714,427		$ -		$911,714,427	$ -	$911,714,427
8	Working Capital Base		$996,407,307		$ -		$996,407,307	$ -	$996,407,307
9	Working Capital Rate %	(1)	7.89%		-7.89%		0.00%	7.89%	7.89%
10	Working Capital Allowance		$78,616,537		($78,616,537)		$ -	$78,616,537	$78,616,537

Notes

(1) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2017 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

(2) Average of opening and closing balances for the year.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Utility Income

Line No.	Particulars		Initial Application							Per Board Decision
	Operating Revenues:									
1	Distribution Revenue (at Proposed Rates)		$170,732,638		($170,732,638)		$ -		$170,732,638	$170,732,638
2	Other Revenue	(1)	$11,337,193		($11,337,193)		$ -		$11,337,193	$11,337,193
3	Total Operating Revenues		$182,069,832		($182,069,832)		$ -		$182,069,832	$182,069,832
	Operating Expenses:									
4	OM+A Expenses		$82,537,286		$ -		$82,537,286		$ -	$82,537,286
5	Depreciation/Amortization		$43,558,281		$ -		$43,558,281		$ -	$43,558,281
6	Property taxes		$2,155,595		$ -		$2,155,595		$ -	$2,155,595
7	Capital taxes		$ -		$ -		$ -		$ -	$ -
8	Other expense		$ -		$ -				$ -	
9	Subtotal (lines 4 to 8)		$128,251,161		$ -		$128,251,161		$ -	$128,251,161
10	Deemed Interest Expense		$18,212,544		($18,212,544)		$ -		$18,212,544	$18,212,544
11	Total Expenses (lines 9 to 10)		$146,463,706		($18,212,544)		$128,251,161		$18,212,544	$146,463,706
12	**Utility income before income taxes**		$35,606,126		($163,857,287)		($128,251,161)		$163,857,287	$35,606,126
13	Income taxes (grossed-up)		$3,634,152		$ -		$3,634,152		$ -	$3,634,152
14	**Utility net income**		$31,971,974		($163,857,287)		($131,885,314)		$163,857,287	$31,971,974

Notes

Other Revenues / Revenue Offsets

(1)

Specific Service Charges	$5,706,291		$ -		$5,706,291
Late Payment Charges	$720,000		$ -		$720,000
Other Distribution Revenue	$1,426,444		$ -		$1,426,444
Other Income and Deductions	$3,484,458		$ -		$3,484,458
Total Revenue Offsets	$11,337,193	$ -	$ -	$ -	$11,337,193

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Taxes/PILs

Line No.	Particulars	Application				Per Board Decision	
	Determination of Taxable Income						
1	Utility net income before taxes	$31,971,974		$ -		$31,971,974	
2	Adjustments required to arrive at taxable utility income	($21,165,928)		$ -		($21,165,928)	
3	Taxable income	$10,806,046		$ -		$10,806,046	
	Calculation of Utility income Taxes						
4	Income taxes	$2,671,102		$2,671,102		$2,671,102	
6	Total taxes	$2,671,102		$2,671,102		$2,671,102	
7	Gross-up of Income Taxes	$963,050		$963,050		$963,050	
8	Grossed-up Income Taxes	$3,634,152		$3,634,152		$3,634,152	
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	$3,634,152		$3,634,152		$3,634,152	
10	Other tax Credits	($192,500)		($192,500)		($192,500)	
	Tax Rates						
11	Federal tax (%)	15.00%		15.00%		15.00%	
12	Provincial tax (%)	11.50%		11.50%		11.50%	
13	Total tax rate (%)	26.50%		26.50%		26.50%	

Notes

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Revenue Requirement Workform (RRWF) for 2017 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate		Return
		Initial Application				
		(%)	($)	(%)		($)
	Debt					
1	Long-term Debt	56.00%	$487,059,449	3.59%		$17,461,081
2	Short-term Debt	4.00%	$34,789,961	2.16%		$751,463
3	**Total Debt**	60.00%	$521,849,409	3.49%		$18,212,544
	Equity					
4	Common Equity	40.00%	$347,899,606	9.19%		$31,971,974
5	Preferred Shares	0.00%	$ -	0.00%		$ -
6	**Total Equity**	40.00%	$347,899,606	9.19%		$31,971,974
7	**Total**	100.00%	$869,749,016	5.77%		$50,184,518
		(%)	($)	(%)		($)
	Debt					
1	Long-term Debt	0.00%	$ -	0.00%		$ -
2	Short-term Debt	0.00%	$ -	0.00%		$ -
3	**Total Debt**	0.00%	$ -	0.00%		$ -
	Equity					
4	Common Equity	0.00%	$ -	0.00%		$ -
5	Preferred Shares	0.00%	$ -	0.00%		$ -
6	**Total Equity**	0.00%	$ -	0.00%		$ -
7	**Total**	0.00%	$791,132,479	0.00%		$ -
		Per Board Decision				
		(%)	($)	(%)		($)
	Debt					
8	Long-term Debt	56.00%	$487,059,449	3.59%		$17,461,081
9	Short-term Debt	4.00%	$34,789,961	2.16%		$751,463
10	**Total Debt**	60.00%	$521,849,409	3.49%		$18,212,544
	Equity					
11	Common Equity	40.00%	$347,899,606	9.19%		$31,971,974
12	Preferred Shares	0.00%	$ -	0.00%		$ -
13	**Total Equity**	40.00%	$347,899,606	9.19%		$31,971,974
14	**Total**	100.00%	$869,749,016	5.77%		$50,184,518

Notes

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application				Per Board Decision	
		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		$12,860,718		($37,513,918)		$12,860,718
2	Distribution Revenue	$157,871,921	$157,871,921	$157,871,921	$208,246,556	$157,871,921	$157,871,921
3	Other Operating Revenue Offsets - net	$11,337,193	$11,337,193	$ -	$ -	$11,337,193	$11,337,193
4	**Total Revenue**	$169,209,114	$182,069,832	$157,871,921	$170,732,638	$169,209,114	$182,069,832
5	Operating Expenses	$128,251,161	$128,251,161	$128,251,161	$128,251,161	$128,251,161	$128,251,161
6	Deemed Interest Expense	$18,212,544	$18,212,544	$ -	$ -	$18,212,544	$18,212,544
8	**Total Cost and Expenses**	$146,463,706	$146,463,706	$128,251,161	$128,251,161	$146,463,706	$146,463,706
9	**Utility Income Before Income Taxes**	$22,745,409	$35,606,126	$29,620,760	$42,481,477	$22,745,409	$35,606,126
10	Tax Adjustments to Accounting Income per 2013 PILs model	($21,165,928)	($21,165,928)	($21,165,928)	($21,165,928)	($21,165,928)	($21,165,928)
11	**Taxable Income**	$1,579,481	$14,440,198	$8,454,832	$21,315,549	$1,579,481	$14,440,198
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	**Income Tax on Taxable Income**	$418,562	$3,826,652	$2,240,530	$5,648,620	$418,562	$3,826,652
14	**Income Tax Credits**	($192,500)	($192,500)	($192,500)	($192,500)	($192,500)	($192,500)
15	**Utility Net Income**	$22,519,346	$31,971,974	$27,572,729	($131,885,314)	$22,519,346	$31,971,974
16	**Utility Rate Base**	$869,749,016	$869,749,016	$791,132,479	$791,132,479	$869,749,016	$869,749,016
17	Deemed Equity Portion of Rate Base	$347,899,606	$347,899,606	$ -	$ -	$347,899,606	$347,899,606
18	Income/(Equity Portion of Rate Base)	6.47%	9.19%	0.00%	0.00%	6.47%	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	-2.72%	0.00%	0.00%	0.00%	-2.72%	0.00%
21	Indicated Rate of Return	4.68%	5.77%	3.49%	0.00%	4.68%	5.77%
22	Requested Rate of Return on Rate Base	5.77%	5.77%	0.00%	0.00%	5.77%	5.77%
23	Deficiency/Sufficiency in Rate of Return	-1.09%	0.00%	3.49%	0.00%	-1.09%	0.00%
24	Target Return on Equity	$31,971,974	$31,971,974	$ -	$ -	$31,971,974	$31,971,974
25	Revenue Deficiency/(Sufficiency)	$9,452,627	($0)	($27,572,729)	$ -	$9,452,627	($0)
26	**Gross Revenue Deficiency/(Sufficiency)**	$12,860,718 (1)		($37,513,918) (1)		$12,860,718 (1)	

Notes:

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

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Revenue Requirement

Line No.	Particulars	Application				Per Board Decision	
1	OM&A Expenses	$82,537,286		$82,537,286		$82,537,286	
2	Amortization/Depreciation	$43,558,281		$43,558,281		$43,558,281	
3	Property Taxes	$2,155,595		$2,155,595		$2,155,595	
5	Income Taxes (Grossed up)	$3,634,152		$3,634,152		$3,634,152	
6	Other Expenses	$ -					
7	Return						
	Deemed Interest Expense	$18,212,544		$ -		$18,212,544	
	Return on Deemed Equity	$31,971,974		$ -		$31,971,974	
8	**Service Revenue Requirement (before Revenues)**	$182,069,832		$131,885,314		$182,069,832	
9	Revenue Offsets	$11,337,193		$ -		$11,337,193	
10	**Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)**	$170,732,638		$131,885,314		$170,732,638	
11	Distribution revenue	$170,732,638		$ -		$170,732,638	
12	Other revenue	$11,337,193		$ -		$11,337,193	
13	**Total revenue**	$182,069,832		$ -		$182,069,832	
14	**Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)**	($0)	(1)	($131,885,314)	(1)	($0)	(1)

Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application		Δ% (2)	Per Board Decision	Δ% (2)
Service Revenue Requirement	$182,069,832	$131,885,314	**($0)**	$182,069,832	**($1)**
Grossed-Up Revenue Deficiency/(Sufficiency)	$12,860,718	($37,513,918)	**($4)**	$12,860,718	**($1)**
Base Revenue Requirement (to be recovered from Distribution Rates)	$170,732,638	$131,885,314	**($0)**	$170,732,638	**($1)**
Revenue Deficiency/(Sufficiency) Associated with Base Revenue Requirement	$12,860,717	$ -	**($1)**	$12,860,717	**($1)**

Notes

(1) Line 11 - Line 8

(2) Percentage Change Relative to Initial Application

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 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.

Stage in Process: Per Board Decision

	Customer Class	Initial Application						Per Board Decision		
	Input the name of each customer class.	Customer / Connections Test Year average or mid-year	kWh Annual	kW/kVA [1] Annual	Customer / Connections Test Year average or mid-year	kWh Annual	kW/kVA [1] Annual	Customer / Connections Test Year average or mid-year	kWh Annual	kW/kVA [1] Annual
1	Residential	301,258	2,198,259,000		301,258	2,198,259,000		301,258	2,198,259,000	
2	GS < 50 kW	24,626	716,896,000		24,626	716,896,000		24,626	716,896,000	
3	GS > 50 to 1,499 kW	3,323	2,907,445,000	6,908,640	3,323	2,907,445,000	6,908,640	3,323	2,907,445,000	6,908,640
4	GS > 1,500 to 4,999 kW	76	877,400,000	1,877,691	76	877,400,000	1,877,691	76	877,400,000	1,877,691
5	Large Use	11	619,253,000	1,119,726	11	619,253,000	1,119,726	11	619,253,000	1,119,726
6	Streetlighting	55,516	43,653,000	123,144	55,516	43,653,000	123,144	55,516	43,653,000	123,144
7	Sentinel Lighting	51	48,000	216	51	48,000	216	51	48,000	216
8	Unmetered Scattered Load	3,525	16,690,000		3,525	16,690,000		3,525	16,690,000	
9	Standby Power	2		4,800	2		4,800	2		4,800
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
	Total		**7,379,644,000**							

Notes:

[1] Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 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]	Costs Allocated from Previous Study [1]	%	Allocated Class Revenue Requirement [1] (7A)	%
	From Sheet 10. Load Forecast				
1	Residential	$ 94,252,272	53.84%	$ 97,768,668	53.70%
2	GS < 50 kW	$ 18,493,124	10.56%	$ 19,137,880	10.51%
3	GS > 50 to 1,499 kW	$ 42,966,162	24.55%	$ 44,595,687	24.49%
4	GS > 1,500 to 4,999 kW	$ 10,435,898	5.96%	$ 11,181,234	6.14%
5	Large Use	$ 6,837,135	3.91%	$ 7,209,183	3.96%
6	Streetlighting	$ 1,519,551	0.87%	$ 1,611,209	0.88%
7	Sentinel Lighting	$ 8,546	0.00%	$ 8,143	0.00%
8	Unmetered Scattered Load	$ 473,436	0.27%	$ 495,688	0.27%
9	Standby Power	$ 58,540	0.03%	$ 62,141	0.03%
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	Total	$ 175,044,664	100.00%	**$ 182,069,832**	100.00%
			Service Revenue Requirement (from Sheet 9)	**$ 182,069,831.76**	

(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 (7B)	LF X current approved rates X (1+d) (7C)	LF X Proposed Rates (7D)	Miscellaneous Revenues (7E)
1	Residential	$ 86,397,220	$ 93,435,395	$ 93,241,643	$ 7,745,365
2	GS < 50 kW	$ 19,995,810	$ 21,624,728	$ 21,581,215	$ 1,098,623
3	GS > 50 to 1,499 kW	$ 34,281,385	$ 37,074,049	$ 37,074,049	$ 1,771,389
4	GS > 1,500 to 4,999 kW	$ 10,164,325	$ 10,992,341	$ 10,970,520	$ 402,649
5	Large Use	$ 5,594,105	$ 6,049,818	$ 6,049,818	$ 237,412
6	Streetlighting	$ 872,268	$ 943,326	$ 1,228,726	$ 60,241
7	Sentinel Lighting	$ 3,776	$ 4,084	$ 4,513	$ 716
8	Unmetered Scattered Load	$ 552,900	$ 597,941	$ 571,198	$ 18,117
9	Standby Power	$ 10,131	$ 10,956	$ 10,956	$ 2,683
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	Total	$ 157,871,920	$ 170,732,638	$ 170,732,638	$ 11,337,193

(4) 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.

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

(6) 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.

(7) 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 Most Recent Year: 2016 %	Status Quo Ratios (7C + 7E) / (7A) %	Proposed Ratios (7D + 7E) / (7A) %	Policy Range %
1	Residential	102.90%	103.49%	103.29%	85 - 115
2	GS < 50 kW	118.45%	118.73%	118.51%	80 - 120
3	GS > 50 to 1,499 kW	87.43%	87.11%	87.11%	80 - 120
4	GS > 1,500 to 4,999 kW	103.24%	101.91%	101.72%	80 - 120
5	Large Use	88.09%	87.21%	87.21%	85 - 115
6	Streetlighting	80.00%	62.29%	80.00%	80 - 120
7	Sentinel Lighting	61.24%	58.94%	64.21%	80 - 120
8	Unmetered Scattered Load	119.92%	124.28%	118.89%	80 - 120
9	Standby Power	22.51%	21.95%	21.95%	
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(8) 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.

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

(10) 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	Proposed Revenue-to-Cost Ratio			Policy Range
		Test Year	Price Cap IR Period		
		2017	2018	2019	
1	Residential	103.29%			85 - 115
2	GS < 50 kW	118.51%			80 - 120
3	GS > 50 to 1,499 kW	87.11%			80 - 120
4	GS > 1,500 to 4,999 kW	101.72%			80 - 120
5	Large Use	87.21%			85 - 115
6	Streetlighting	80.00%			80 - 120
7	Sentinel Lighting	64.21%			80 - 120
8	Unmetered Scattered Load	118.89%			80 - 120
9	Standby Power	21.95%			
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2017 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 2018 and 2019 Price Cap IR models, as necessary. For 2018 and 2019, 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'.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 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	301,258
kWh	2,198,259,000

Proposed Residential Class Specific Revenue Requirement[1]	$	93,241,643.29

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	12.96
Distribution Volumetric Rate ($/kWh)	$	0.0193

B Current Fixed/Variable Split

	Base Rates	Billing Determinants		Revenue	% of Total Revenue
Fixed	12.96	301,258	$	46,851,644.16	52.48%
Variable	0.0193	2,198,259,000	$	42,426,398.70	47.52%
TOTAL	-	-	$	89,278,042.86	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	4

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 48,931,676.28	13.54	$ 48,948,399.84
Variable	$ 44,309,967.01	0.0202	$ 44,404,831.80
TOTAL	$ 93,241,643.29	-	$ 93,353,231.64

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	64.36%	$ 60,009,168.03	$ 16.60	$ 60,010,593.60
Variable	35.64%	$ 33,232,475.26	$ 0.0151	$ 33,193,710.90
TOTAL	-	$ 93,241,643.29	-	$ 93,204,304.50

Checks[3]	
Change in Fixed Rate	$ 3.06
Difference Between Revenues @ Proposed Rates and Class Specific	($37,338.79)
	-0.04%

Notes:

[1] 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).

[2] 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.

[3] 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)

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and voluemtric 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*

	Customer and Load Forecast					Class Allocated Revenues			Fixed / Variable Splits [2]			Distribution Rates					Revenue Reconciliation		
	Customer Class From sheet 10. Load Forecast	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	From Sheet 11. Cost Allocation and Sheet 12. Residential Rate Design Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Percentage to be entered as a fraction between 0 and 1 Fixed	Variable	Transformer Ownership Allowance [1] ($)	Monthly Service Charge Rate	No. of decimals	Volumetric Rate Rate		No. of decimals	MSC Revenues	Volumetric revenues	Distribution Revenues less Transformer Ownership
1	Residential	kWh	301,258	2,198,259,000	-	$ 93,241,643	$ 60,010,594	$ 33,231,050	64.36%	35.64%	$ -	$16.60	2	$0.0151	/kWh	4	$60,010,593.60	###############	$ 93,204,304.50
2	GS < 50 kW	kWh	24,626	716,896,000	-	$ 21,581,215	$ 5,286,710	$ 16,294,506	24.50%	75.50%	$ -	$17.89		$0.0227	/kWh		$ 5,286,709.68	###############	$ 21,560,248.88
3	GS > 50 to 1,499 kW	kW	3,323	2,907,445,000	6,908,640	$ 37,074,049	$ 7,975,200	$ 29,098,849	21.51%	78.49%	$ 777,222	$200.00		$4.3245	/kW		$ 7,975,200.00	###############	$ 37,074,391.68
4	GS > 1,500 to 4,999 kW	kW	76	877,400,000	1,877,691	$ 10,970,520	$ 3,824,864	$ 7,145,656	34.86%	65.14%	$ 211,240	$4,193.93		$3.9181	/kW		$ 3,824,864.16	$ 7,356,981.1071	$ 10,970,605.03
5	Large Use	kW	11	619,253,000	1,119,726	$ 6,049,818	$ 2,010,534	$ 4,039,284	33.23%	66.77%	$ 125,969	$15,231.32		$3.7199	/kW		$ 2,010,534.24	$ 4,165,268.7474	$ 6,049,833.81
6	Streetlighting	kW	55,516	43,653,000	123,144	$ 1,228,726	$ 532,954	$ 695,772	43.37%	56.63%	$ -	$0.80		$5.6501	/kW		$ 532,953.60	$ 695,775.9144	$ 1,228,729.51
7	Sentinel Lighting	kW	51	48,000	216	$ 4,513	$ 1,860	$ 2,652	41.23%	58.77%	$ -	$3.04		$12.2794	/kW		$ 1,860.48	$ 2,652.3504	$ 4,512.83
8	Unmetered Scattered Load	kWh	3,525	16,690,000	-	$ 571,198	$ 194,580	$ 376,618	34.07%	65.93%	$ -	$4.60		$0.0226	/kWh		$ 194,580.00	$ 377,194.0000	$ 571,774.00
9	Standby Power	kW	2	-	4,800	$ 10,956	$ 3,177	$ 7,779	29.00%	71.00%	$ -	$132.38		$1.6206	/kW		$ 3,177.12	$ 7,778.8800	$ 10,956.00
#			-	-	-												$ -	$ -	$ -
#			-	-	-												$ -	$ -	$ -
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#			-	-	-												$ -	$ -	$ -
#			-	-	-												$ -	$ -	$ -

Total Transformer Ownership Allowance $ 1,114,431

Total Distribution Revenues	$ 170,675,356.24
Base Revenue Requirement	$ 170,732,638.39
Difference	-$ 57,282.15
% Difference	-0.034%

Rates recover revenue requirement

Notes:

[1] Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

[2] 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 months] / (Class Allocated Revenue Requirement).

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

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. The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, 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.)

(2) Short description of change, issue, etc.

Summary of Proposed Changes

			Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
	Reference (1)	Item / Description (2)	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance ($)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	Grossed up Revenue Deficiency / Sufficiency
1		Original Application	$ 50,184,518	5.77%	$ 869,749,016	$ 996,407,307	$ 78,616,537	$ 43,558,281	$ 3,634,152	$ 82,537,286	$ 182,069,832	$ 11,337,193	$ 170,732,638	$ 12,860,718

COST ALLOCATION

1.0 COST ALLOCATION STUDY

Elenchus was engaged to undertake a Cost Allocation Study for Hydro Ottawa's Custom IR Application, using the OEB's approved model. Subsequent to Hydro Ottawa filing its Original Evidence for its Custom IR Application, the OEB released version 3.3 of the cost allocation model. As part of the interrogatory process, Hydro Ottawa updated its evidence using version 3.3 of the cost allocation model.

Hydro Ottawa's updated Cost Allocation Study indicated that three rate classes required adjustments to bring them into the OEB-approved ranges. Sentinel Lights and Streetlights were outside their lower range, while Unmetered Scattered Load ("USL") was outside its upper range.

As part of its 2016 rates, Hydro Ottawa moved Streetlights and USL within OEB-approved ranges. As part of the Approved Settlement Agreement, Parties accepted Hydro Ottawa's inputs into the Cost Allocation models and placement of rate classes within their ranges, with the modification that Sentinel Lights move within the OEB's approved range by 2020. As part of this Application, Hydro Ottawa's proposed rates follow the approved movement of Sentinel Lights within OEB-approved ranges by 2020.

The 2017 Cost Allocation Excel model, filed as part of the Approved Settlement Agreement, has been updated as per the Pole Attachment Decision. In addition, the Rate Base validation input in cell F15 was updated such that cell H16 now indicates "Rate Base Matches." This does not impact any calculations within the model. Please see Attachment 7-1(A) for Hydro Ottawa's updated 2017 Cost Allocation model that was used for 2017 proposed rates.

Please see Attachment 7-1(B) for a summary of details regarding cost allocation and rate design, including final proposed revenue to cost ratios.

2.0 STANDBY RATES

According to OEB filing requirements, "A standby rate is charged by a distributor to a customer with load displacement facilities behind its meter, to compensate the distributor for the cost of maintaining the ability to accommodate the total load of the customer at any time. The charge must not inadvertently subsidize other customers or unduly burden the load displacement customer."[1]

Load displacement generation allows customers to self-generate and not entirely rely on the grid for their load. Some customers seek to generate enough electricity to eventually go off-grid or only connect for back-up supply. Other customers request additional reliability in the form of back-up system capability through additional connections to the distribution grid, known as "Reliability Standby." Hydro Ottawa's definition of standby incorporates all forms of standby requirements.

Hydro Ottawa's Load Displacement Standby rates have been interim since 2006.

In July 2015, as part of the OEB's Chapter 2 Filing Requirements Update, the Board stated that local distribution companies could seek their standby charges on a final basis. As part of the record in its Custom IR Application, Hydro Ottawa sent a letter to the OEB on December 21, 2015 stating it would apply for Final Standby rates at its earliest opportunity. As per the letter, Hydro Ottawa explained that it had not sought Final rates as part of the Custom IR Application "as the updated filing guidelines were released subsequent to Hydro Ottawa Limited ("Hydro Ottawa") filing its 2016 to 2020 custom rate application, and during the interrogatory response process, final standby rates were not incorporated into Hydro Ottawa's application."[2] A copy of this letter has been filed as Attachment 7-1(C).

[1] OEB *Filing Requirements For Electricity Distribution Rate Applications – 2015 Edition for 2016 Rate Applications* – Chapter 2 Cost of Service, issued July 16, 2015.
[2] EB-2015-0004 Hydro Ottawa letter, dated December 21, 2015.

In July 2016, as part of its updates to Chapter 2 Filing Requirements, the OEB stated that "[o]n April 2, 2015, the OEB issued *Board Policy: A New Distribution Rate Design for Residential Electricity Customers* in which the OEB indicated that it intends to remove the standby charge when the new rate policy is implemented for commercial customers."[3] As of the date of this filing a revised commercial and / or industrial rate design policy has not been issued by the OEB.

On March 31, 2016, an OEB Staff Discussion Paper was released entitled *Rate Design for Commercial and Industrial Electricity Customers: Aligning the Interests of Customers and Distributors*. As reflected in Hydro Ottawa's views (presented within the comments provided by the Coalition of Large Distributors ["CLD"] and Hydro One on June 3, 2016) the current rate designs presented in the OEB Staff Discussion Paper do not address the elimination of Standby rates. The elimination of Standby rates would result in customers without standby capacity cross-subsidizing the recovery of the costs to build the system to reserve excess system capacity which is requested by Standby customers.

As such, as part of this Application, Hydro Ottawa requests that its current Interim rates be made final and that a new monthly fixed and variable charge for Reliability Standby be established. The Reliability Standby Charge is to recover the cost from customers who have requested, or who will request in the future, back-up supply from Hydro Ottawa.

2.1 Notification to Customers

As customers request or discuss the possibility of Reliability Standby from Hydro Ottawa, they are informed that currently no rates exist for this type of service and that, in the future, Hydro Ottawa intends to request Reliability Standby rates.

[3] *Filing Requirements For Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications* – Chapter 2 Cost of Service, issued July 14, 2016.

In addition, Hydro Ottawa's Conditions of Service informs customers that Hydro Ottawa intends to charge for Standby Reliability.

Lastly, with the aim of maximizing stakeholder engagement and awareness, Hydro Ottawa proposes to serve notice directly on current standby customers and customers who have shown interest in standby services, regarding the submittal of this Application and its proposed adjustments to Hydro Ottawa's rates and charges. The letters would specifically note the request for Final Load Displacement Generation charges and the introduction of Final Reliability Standby charges.

2.2 Methodology of Standby Rates

2.2.1 Load Displacement Standby

Hydro Ottawa is not proposing any change to its current rate for Load Displacement Standby rates. Please see Attachment 7-1(D) for Hydro Ottawa's initial evidence on its current Standby Rate Design.

2.2.2 Reliability Standby

Hydro Ottawa is proposing that customers with Reliability Standby be charged their current fixed charge and variable charge, plus an additional Reliability Standby fixed charge for each additional Reliability Standby connection. The rate class for the customer's Supply Point would be based on the customer's total metered load, inclusive of back-up reliability connection(s). The Reliability Standby fixed charge would be based on the capacity of the back-up reliability connection point, which could be less than the Supply Point. Each Reliability Supply Point would have its own fixed charge.

Due to the nature of Hydro Ottawa's distribution system, site-specific Reliability Standby charges are not practical. Where reserve facilities have been requested in a dense urban environment, determining what specific assets are related to each site is simply

too difficult to assess. As a result, Hydro Ottawa is proposing to use class-specific charges instead.

Hydro Ottawa is of the view that the Reliability Standby Charge is consistent with the intent and rationale for existing standby charges, as described in the OEB's *2006 Electricity Distribution Rate Handbook:* "The distributor must be appropriately compensated for maintaining the ability to accommodate the total load of a customer at any time. The level of the standby rate must try to ensure that the recovery of costs associated with the distributor's facilities that must be available to meet the customer's total demand is not inadvertently subsidized by the rest of the distributor's customers and, at the same time, the customer with load displacement is not unduly burdened by higher than reasonable charges."[4]

Although Hydro Ottawa is proposing a different charge for its Reliability Standby charge, the methodology is in line with its existing Interim Standby Charges. The different methodology between the two Standby charges is based on the fact that load generation customers are requesting additional supply when their generation is not generating or not fully generating, while Reliability Standby customers are requesting a different source of supply, that normally would not be provided, in order to reduce any potential loss of supply. As a result, the connection cost of Load Displacement customers is lower than Reliability Standby customers. In contrast, Load displacement customers have higher downstream costs given the request for additional reserved supply.

2.3 Treatment of Standby Rates

Hydro Ottawa's current interim Load Displacement standby rates are included in its approved 2016 to 2020 Load Forecast and Revenue Requirement. Therefore, by approving Hydro Ottawa's current Standby charges as Final, as currently designed, there is no impact on the Approved Revenue Requirement.

[4] 2006 Electricity Distribution Rate Handbook, released May 11, 2005.

The new proposed Reliability Standby charges are not incorporated into Hydro Ottawa's Approved 2016 to 2020 Load Forecast and Revenue Requirement. As such, Hydro Ottawa proposes a Deferral Account to capture any new revenues and costs associated with the proposed Reliability Standby charges. Please see Exhibit 9-1-2 for further details.

Ontario Energy Board

2016 Cost Allocation Model

EB-2015-0004 (Year 2017)

Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast	7,379,644,000
Total kWs from Load Forecast	10,034,217
Deficiency/sufficiency (RRWF 8. cell F51)	- 12,860,718
Miscellaneous Revenue (RRWF 5. cell F48)	11,337,193

			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**	7,379,644,000	2,198,259,000	716,896,000	2,907,445,000	877,400,000	619,253,000	43,653,000	48,000	16,690,000			
Forecast kW	**CDEM**	10,034,217			6,908,640	1,877,691	1,119,726	123,144	216			4,800	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		2,476,514			1,727,160	469,423	279,932						
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**	7,379,644,000	2,198,259,000	716,896,000	2,907,445,000	877,400,000	619,253,000	43,653,000	48,000	16,690,000	-	-	-
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			$0.0234	$0.0210						$0.0219			
Existing Distribution kW Rate					$3.5691	$3.4887	$3.3129	$3.9997	$10.0361		$2	$1	$2
Existing TOA Rate					$0.45	$0.45	$0.45						
Additional Charges													
Distribution Revenue from Rates		$158,986,352	$86,397,220	$19,995,810	$35,058,607	$10,375,565	$5,720,075	$872,268	$3,776	$552,900	$0	$10,131	$0
Transformer Ownership Allowance		$1,114,431	$0	$0	$777,222	$211,240	$125,969	$0	$0	$0	$0	$0	$0
Net Class Revenue	**CREV**	$157,871,920	$86,397,220	$19,995,810	$34,281,385	$10,164,325	$5,594,105	$872,268	$3,776	$552,900	$0	$10,131	$0

Ontario Energy Board

2016 Cost Allocation Model

EB-2015-0004 (Year 2017)

Sheet I6.2 Customer Data Worksheet -

			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													
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	3,952,466	3,615,094	295,514.00	39,878.00	912.00	132.00	180.00	612.00	120.00		24	
Number of Devices	CDEV							55,516	51	3,525			
Number of Connections (Unmetered)	CCON	7,277						3,701	51	3,525			
Total Number of Customers	CCA	329,372	301,258	24,626	3,323	76	11	15	51	10		2	
Bulk Customer Base	CCB	329,372	301,258	24,626	3,323	76	11	15	51	10		2	
Primary Customer Base	CCP	337,637	301,258	24,626	3,323	76	11	8,281	51	10			
Line Transformer Customer Base	CCLT	337,213	301,258	24,626	2,948	33	5	8,281	51	10			
Secondary Customer Base	CCS	327,622	301,258	24,626	1,662			15	51	10			
Weighted - Services	CWCS	374,403	301,258	49,252	16,616	-	-	3,701	51	3,525	-	-	-
Weighted Meter -Capital	CWMC	61,277,413	44,596,728	9,189,973	6,600,712	760,000	110,000	-	-	-	-	20,000	-
Weighted Meter Reading	CWMR	506,049	301,258	24,626	161,215	16,182	2,342	-	-	-	-	426	-
Weighted Bills	CWNB	4,208,102	3,615,094	304,390	256,548	23,055	3,329	4,531	432	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-year 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 Asset Data		Line Transformer Asset Data	
Class	**Customers/ Devices**	**4 NCP**	**Customers/ Devices**	**4 NCP**
Residential	301,258	1,945,515	301,258	1,945,515
Street Light	55,516	53,482	55,516	53,482

Street Lighting Adjustment Factors	
Primary	6.7036
Line Transformer	6.7036

Ontario Energy Board

2016 Cost Allocation Model

EB-2015-0004 (Year 2017)

Sheet I8 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	12 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 Residential	2 GS <50	3 GS 50 to 1,499 kW	4 GS 1,500 to 4,999 kW	6 Large Use	7 Street Light	8 Sentinel	9 Unmetered Scattered Load	11 Standby Power GS 50 to 1,499 kW	12 Standby Power GS 1,500 to 4,999 kW	13 Standby Power Large Use
CO-INCIDENT PEAK													
1 CP													
Transformation CP	TCP1	1,270,901	433,446	151,153	500,093	107,082	77,391	-	-	1,736		-	
Bulk Delivery CP	BCP1	1,270,901	433,446	151,153	500,093	107,082	77,391	-	-	1,736	-	-	
Total Sytem CP	DCP1	1,270,901	433,446	151,153	500,093	107,082	77,391	-	-	1,736	-	-	
4 CP													
Transformation CP	TCP4	4,962,106	1,778,343	484,980	1,890,014	468,304	315,703	17,376	14	7,373		-	
Bulk Delivery CP	BCP4	4,962,106	1,778,343	484,980	1,890,014	468,304	315,703	17,376	14	7,373	-	-	
Total Sytem CP	DCP4	4,962,106	1,778,343	484,980	1,890,014	468,304	315,703	17,376	14	7,373	-	-	
12 CP													
Transformation CP	TCP12	13,737,495	4,668,145	1,371,988	5,281,389	1,395,030	947,866	50,282	45	22,520		230	
Bulk Delivery CP	BCP12	13,737,495	4,668,145	1,371,988	5,281,389	1,395,030	947,866	50,282	45	22,520	-	230	
Total Sytem CP	DCP12	13,737,495	4,668,145	1,371,988	5,281,389	1,395,030	947,866	50,282	45	22,520	-	230	
NON CO_INCIDENT PEAK													
1 NCP													
Classification NCP from Load Data Provider	DNCP1	1,446,038	493,272	151,153	519,528	159,390	105,423	13,837	13	2,270		1,152	
Primary NCP	PNCP1	1,446,038	493,272	151,153	519,528	159,390	105,423	13,837	13	2,270		1,152	
Line Transformer NCP	LTNCP1	1,232,894	493,272	151,153	451,990	70,131	49,549	13,837	13	2,270	-	680	
Secondary NCP	SNCP1	920,309	493,272	151,153	259,765			13,837	13	2,270	-		
4 NCP													
Classification NCP from Load Data Provider	DNCP4	5,618,628	1,945,515	569,448	2,017,404	614,595	405,373	53,482	50	8,927		3,836	
Primary NCP	PNCP4	5,618,628	1,945,515	569,448	2,017,404	614,595	405,373	53,482	50	8,927		3,836	
Line Transformer NCP	LTNCP4	4,830,068	1,945,515	569,448	1,789,437	270,422	190,526	53,482	50	8,927	-	2,263	
Secondary NCP	SNCP4	3,586,123	1,945,515	569,448	1,008,702			53,482	50	8,927	-		
12 NCP													
Classification NCP from Load Data Provider	DNCP12	15,541,461	5,396,320	1,558,336	5,661,573	1,668,863	1,092,326	130,317	122	25,948		7,657	
Primary NCP	PNCP12	15,541,461	5,396,320	1,558,336	5,661,573	1,668,863	1,092,326	130,317	122	25,948		7,657	
Line Transformer NCP	LTNCP12	13,288,821	5,396,320	1,558,336	4,925,569	734,300	513,394	130,317	122	25,948	-	4,517	
Secondary NCP	SNCP12	9,941,829	5,396,320	1,558,336	2,830,787			130,317	122	25,948	-		

Ontario Energy Board

2016 Cost Allocation Model

EB-2015-0004 (Year 2017)

Sheet O1 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

Rate Base Assets		Total	1 Residential	2 GS <50	3 GS 50 to 1,499 kW	4 GS 1,500 to 4,999 kW	6 Large Use	7 Street Light	8 Sentinel	9 Unmetered Scattered Load	11 Standby Power GS 50 to 1,499 kW	12 Standby Power GS 1,500 to 4,999 kW	13 Standby Power Large Use
crev	Distribution Revenue at Existing Rates	$157,871,920	$86,397,220	$19,995,810	$34,281,385	$10,164,325	$5,594,105	$872,268	$3,776	$552,900	$0	$10,131	$0
mi	Miscellaneous Revenue (mi)	$11,337,193	$7,745,365	$1,098,623	$1,771,389	$402,649	$237,412	$60,241	$716	$18,117	$0	$2,683	$0
		Miscellaneous Revenue Input equals Output											
	Total Revenue at Existing Rates	$169,209,113	$94,142,584	$21,094,433	$36,052,774	$10,566,974	$5,831,518	$932,510	$4,492	$571,017	$0	$12,813	$0
	Factor required to recover deficiency (1 + D)	1.0815											
	Distribution Revenue at Status Quo Rates	$170,732,638	$93,435,395	$21,624,728	$37,074,049	$10,992,341	$6,049,818	$943,326	$4,084	$597,941	$0	$10,956	$0
	Miscellaneous Revenue (mi)	$11,337,193	$7,745,365	$1,098,623	$1,771,389	$402,649	$237,412	$60,241	$716	$18,117	$0	$2,683	$0
	Total Revenue at Status Quo Rates	$182,069,832	$101,180,760	$22,723,351	$38,845,438	$11,394,990	$6,287,230	$1,003,567	$4,800	$616,058	$0	$13,639	$0
	Expenses												
di	Distribution Costs (di)	$27,562,134	$13,250,516	$2,867,302	$7,686,137	$1,999,556	$1,328,490	$318,197	$1,222	$99,784	$0	$10,929	$0
cu	Customer Related Costs (cu)	$16,591,974	$13,485,325	$1,649,444	$1,246,480	$178,152	$15,457	$12,757	$1,216	$352	$0	$2,790	$0
ad	General and Administration (ad)	$40,538,773	$24,185,202	$4,157,269	$8,427,580	$2,064,525	$1,283,311	$311,449	$2,190	$94,502	$0	$12,744	$0
dep	Depreciation and Amortization (dep)	$43,558,281	$21,449,436	$4,755,870	$11,847,334	$2,981,579	$1,957,646	$418,986	$1,523	$129,870	$0	$16,037	$0
INPUT	PILs (INPUT)	$3,634,152	$1,715,035	$385,437	$1,039,098	$267,228	$177,207	$37,127	$135	$11,559	$0	$1,326	$0
INT	Interest	$18,212,544	$8,594,891	$1,931,618	$5,207,440	$1,339,214	$888,071	$186,062	$674	$57,928	$0	$6,647	$0
	Total Expenses	$150,097,858	$82,680,406	$15,746,941	$35,454,069	$8,830,255	$5,650,182	$1,284,579	$6,960	$393,995	$0	$50,472	$0
	Direct Allocation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
NI	Allocated Net Income (NI)	$31,971,974	$15,088,262	$3,390,939	$9,141,618	$2,350,980	$1,559,001	$326,630	$1,183	$101,692	$0	$11,668	$0
	Revenue Requirement (includes NI)	$182,069,832	$97,768,668	$19,137,880	$44,595,687	$11,181,234	$7,209,183	$1,611,209	$8,143	$495,688	$0	$62,141	$0
		Revenue Requirement Input equals Output											
	Rate Base Calculation												
	Net Assets												
dp	Distribution Plant - Gross	$842,014,035	$403,132,750	$89,737,621	$237,109,634	$60,339,576	$39,977,764	$8,660,778	$31,960	$2,716,307	$0	$307,646	$0
gp	General Plant - Gross	$143,786,337	$68,649,731	$15,261,305	$40,631,380	$10,349,092	$6,865,710	$1,499,741	$5,558	$471,321	$0	$52,498	$0
accum dep	Accumulated Depreciation	($134,245,407)	($65,213,813)	($14,615,928)	($37,107,208)	($9,397,582)	($6,182,243)	($1,278,507)	($4,599)	($396,296)	$0	($49,230)	$0
co	Capital Contribution	($60,422,486)	($32,686,561)	($6,468,107)	($14,749,317)	($3,266,500)	($2,181,531)	($779,143)	($3,480)	($265,672)	$0	($22,176)	$0
	Total Net Plant	$791,132,479	$373,882,107	$83,914,891	$225,884,489	$58,024,586	$38,479,700	$8,102,869	$29,439	$2,525,660	$0	$288,738	$0
	Directly Allocated Net Fixed Assets	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
COP	Cost of Power (COP)	$911,714,427	$273,437,511	$88,495,848	$358,000,053	$108,031,563	$76,246,717	$5,408,923	$6,381	$2,087,431	$0	$0	$0
	OM&A Expenses	$84,692,880	$50,921,043	$8,674,015	$17,360,197	$4,242,233	$2,627,258	$642,404	$4,628	$194,638	$0	$26,463	$0
	Directly Allocated Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	Subtotal	*$996,407,307*	*$324,358,555*	*$97,169,863*	*$375,360,249*	*$112,273,797*	*$78,873,976*	*$6,051,326*	*$11,009*	*$2,282,069*	*$0*	*$26,463*	*$0*
	Working Capital	$78,616,537	$25,591,890	$7,666,702	$29,615,924	$8,858,403	$6,223,157	$477,450	$869	$180,055	$0	$2,088	$0
	Total Rate Base	$869,749,015	$399,473,997	$91,581,593	$255,500,413	$66,882,988	$44,702,857	$8,580,319	$30,307	$2,705,715	$0	$290,826	$0
		Rate Base Input equals Output											
	Equity Component of Rate Base	$347,899,606	$159,789,599	$36,632,637	$102,200,165	$26,753,195	$17,881,143	$3,432,127	$12,123	$1,082,286	$0	$116,330	$0
	Net Income on Allocated Assets	$31,971,974	$18,500,354	$6,976,411	$3,391,368	$2,564,735	$637,048	($281,011)	($2,160)	$222,062	$0	($36,834)	$0
	Net Income on Direct Allocation Assets	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	Net Income	$31,971,974	$18,500,354	$6,976,411	$3,391,368	$2,564,735	$637,048	($281,011)	($2,160)	$222,062	$0	($36,834)	$0
	RATIOS ANALYSIS												
	REVENUE TO EXPENSES STATUS QUO%	100.00%	103.49%	118.73%	87.11%	101.91%	87.21%	62.29%	58.94%	124.28%	0.00%	21.95%	0.00%
	EXISTING REVENUE MINUS ALLOCATED COSTS	($12,860,718)	($3,626,083)	$1,956,553	($8,542,913)	($614,261)	($1,377,665)	($678,699)	($3,651)	$75,329	$0	($49,327)	$0
		Deficiency Input equals Output											
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	$0	$3,412,092	$3,585,471	($5,750,249)	$213,756	($921,953)	($607,642)	($3,343)	$120,370	$0	($48,502)	$0
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.19%	11.58%	19.04%	3.32%	9.59%	3.56%	-8.19%	-17.82%	20.52%	0.00%	-31.66%	0.00%

Ontario Energy Board

2016 Cost Allocation Model

EB-2015-0004 (Year 2017)

Sheet O2 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for Monthly Fixed Charge

Summary

	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
Customer Unit Cost per month - Avoided Cost	$4.39	$6.86	$39.90	$162.63	$78.36	$0.19	$1.80	-$0.03	0	$194.26	0
Customer Unit Cost per month - Directly Related	$7.62	$11.18	$68.33	$285.59	$201.95	$0.47	$3.58	-$0.02	0	$314.27	0
Customer Unit Cost per month - Minimum System with PLCC Adjustment	$15.95	$23.77	$96.62	$516.25	$568.43	$13.95	$12.96	$7.58	0	$258.27	0
Existing Approved Fixed 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

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 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] From Sheet 10. Load Forecast	Costs Allocated from Previous Studv [1]	%	Allocated Class Revenue Requirement [1] (7A)	%
1	Residential	$ 94,252,272	53.84%	$ 97,768,668	53.70%
2	GS < 50 kW	$ 18,493,124	10.56%	$ 19,137,880	10.51%
3	GS > 50 to 1,499 kW	$ 42,966,162	24.55%	$ 44,595,687	24.49%
4	GS > 1,500 to 4,999 kW	$ 10,435,898	5.96%	$ 11,181,234	6.14%
5	Large Use	$ 6,837,135	3.91%	$ 7,209,183	3.96%
6	Streetlighting	$ 1,519,551	0.87%	$ 1,611,209	0.88%
7	Sentinel Lighting	$ 8,546	0.00%	$ 8,143	0.00%
8	Unmetered Scattered Load	$ 473,436	0.27%	$ 495,688	0.27%
9	Standby Power	$ 58,540	0.03%	$ 62,141	0.03%
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	Total	$ 175,044,664	100.00%	**$ 182,069,832**	100.00%
			Service Revenue Requirement (from Sheet 9)	**$ 182,069,831.76**	

(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 (7B)	LF X current approved rates X (1+d) (7C)	LF X Proposed Rates (7D)	Miscellaneous Revenues (7E)
1	Residential	$ 86,397,220	$ 93,435,395	$ 93,241,643	$ 7,745,365
2	GS < 50 kW	$ 19,995,810	$ 21,624,728	$ 21,581,215	$ 1,098,623
3	GS > 50 to 1,499 kW	$ 34,281,385	$ 37,074,049	$ 37,074,049	$ 1,771,389
4	GS > 1,500 to 4,999 kW	$ 10,164,325	$ 10,992,341	$ 10,970,520	$ 402,649
5	Large Use	$ 5,594,105	$ 6,049,818	$ 6,049,818	$ 237,412
6	Streetlighting	$ 872,268	$ 943,326	$ 1,228,726	$ 60,241
7	Sentinel Lighting	$ 3,776	$ 4,084	$ 4,513	$ 716
8	Unmetered Scattered Load	$ 552,900	$ 597,941	$ 571,198	$ 18,117
9	Standby Power	$ 10,131	$ 10,956	$ 10,956	$ 2,683
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	Total	$ 157,871,920	$ 170,732,638	$ 170,732,638	$ 11,337,193

(4) 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.

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

(6) 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.

(7) 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 Most Recent Year: 2016 %	Status Quo Ratios (7C + 7E) / (7A) %	Proposed Ratios (7D + 7E) / (7A) %	Policy Range %
1	Residential	102.90%	103.49%	103.29%	85 - 115
2	GS < 50 kW	118.45%	118.73%	118.51%	80 - 120
3	GS > 50 to 1,499 kW	87.43%	87.11%	87.11%	80 - 120
4	GS > 1,500 to 4,999 kW	103.24%	101.91%	101.72%	80 - 120
5	Large Use	88.09%	87.21%	87.21%	85 - 115
6	Streetlighting	80.00%	62.29%	80.00%	80 - 120
7	Sentinel Lighting	61.24%	58.94%	64.21%	80 - 120
8	Unmetered Scattered Load	119.92%	124.28%	118.89%	80 - 120
9	Standby Power	22.51%	21.95%	21.95%	
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(8) 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.

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

(10) 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	Proposed Revenue-to-Cost Ratio			Policy Range
		Test Year	Price Cap IR Period		
		2017	2018	2019	
1	Residential	103.29%			85 - 115
2	GS < 50 kW	118.51%			80 - 120
3	GS > 50 to 1,499 kW	87.11%			80 - 120
4	GS > 1,500 to 4,999 kW	101.72%			80 - 120
5	Large Use	87.21%			85 - 115
6	Streetlighting	80.00%			80 - 120
7	Sentinel Lighting	64.21%			80 - 120
8	Unmetered Scattered Load	118.89%			80 - 120
9	Standby Power	21.95%			
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2017 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 2018 and 2019 Price Cap IR models, as necessary. For 2018 and 2019, 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'.

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 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	301,258
kWh	2,198,259,000

Proposed Residential Class Specific Revenue Requirement[1]	$	93,241,643.29

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	12.96
Distribution Volumetric Rate ($/kWh)	$	0.0193

B Current Fixed/Variable Split

	Base Rates	Billing Determinants		Revenue	% of Total Revenue
Fixed	12.96	301,258	$	46,851,644.16	52.48%
Variable	0.0193	2,198,259,000	$	42,426,398.70	47.52%
TOTAL	-	-	$	89,278,042.86	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	4

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 48,931,676.28	13.54	$ 48,948,399.84
Variable	$ 44,309,967.01	0.0202	$ 44,404,831.80
TOTAL	$ 93,241,643.29	-	$ 93,353,231.64

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	64.36%	$ 60,009,168.03	$ 16.60	$ 60,010,593.60
Variable	35.64%	$ 33,232,475.26	$ 0.0151	$ 33,193,710.90
TOTAL	-	$ 93,241,643.29	-	$ 93,204,304.50

Checks[3]	
Change in Fixed Rate	$ 3.06
Difference Between Revenues @ Proposed Rates and Class Specific	($37,338.79)
	-0.04%

Notes:

1 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).

2 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.

3 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)

December 21, 2015

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

Dear Ms. Walli:

Re: **Hydro Ottawa Limited Custom Incentive Regulation ("Custom IR") Application for 2016-2020 Electricity Distribution Rates and Charges – Standby rates**

Pursuant to the Ontario Energy Board's (OEB) Chapter 2 Cost of Service Filing Requirements for Electricity Distribution Rate Applications – 2015 Edition for 2016 Rate Applications released July 16, 2015; Distributors may seek approval of standby charges on a final basis, but must provide evidence confirming that they have advised all affected customers of the proposal. In addition, it must provide full documentation supporting its proposal. As the updated filing guidelines were release subsequent to Hydro Ottawa Limited ("Hydro Ottawa") filing it's 2016 to 2020 custom rate application, and during the interrogatory response process, final standby rates were not incorporated into Hydro Ottawa's application.

Hydro Ottawa will be applying for standby rates to be made final at its earliest opportunity.

Thank you,

Geoff Simpson
Chief Financial Officer
Tel. / tél. 613-738-5499 | ext. / poste 7606
Email: **regulatoryaffairs@hydroottawa.com**
geoffsimpson@hydroottawa.com

cc: Violet Binette, OEB
Christie Clark, OEB
Maureen Helt, OEB
Fred Cass, Aird & Berlis
EB-2015-0004 Interveners

10.6 Standby Charges

Hydro Ottawa is proposing to introduce a Standby Charge as part of its Application. The Standby Charge will apply to all customers with load displacement generators with a total combined nameplate rating greater than or equal to 500 kVA. The purpose of the Standby Charge is to recover the cost of providing reserved capacity to these customers and to eliminate cross-subsidization by other customers. Hydro Ottawa's distribution rates are designed based on the principle of continuous use. When customers displace load with generation, the expected revenue to recover capital, operating, maintenance and administration costs are not realized and the burden falls on other customers to subsidize those revenue shortfalls.

Due to the nature of Hydro Ottawa's distribution system and its embedded generators, site-specific Standby Charges are not practical. Generators are installed in very dense urban environments and determining what specific assets are related to each site is simply too difficult to assess. Hydro Ottawa is proposing to use class-specific charges instead.

Rate Structure

The Standby Charge is composed of a standby monthly service charge for administration and a standby distribution volumetric rate based on the Contract Backup Demand as determined by the methodology outlined in section 10.6.4.

Standby Monthly Service Charge – A monthly fixed charge applied to cover the incremental cost of monitoring, billing and administration related to providing standby facilities.

Standby Distribution Volumetric Rate – A rate per kW (or kVA; see section 10.8) of Billed Backup Demand. The Billed Backup Demand quantity will be equal to or less than the Contract Backup Demand depending on whether the reserved capacity was required during the billing period. The standby distribution volumetric rate would be equal to the class-specific distribution volumetric rate.

Customer Classification

The rate classification of customers with load displacement generators will be net of the connected generation. The 12-month average demand used to determine customer classifications will be the demand based on meter readings.

Contract Backup Demand

The Contract Backup Demand can be determined by using the full nameplate value of the generating plant or a lesser amount as agreed to by the customer and Hydro Ottawa. The customer can elect to contract for a lesser amount if it intends to shed load when the generation is not available. This will reduce the customer's monthly cost but may expose them to the Backup Overrun Adjustment if the contracted amount is exceeded. If a customer determines that no backup capacity is required, it must still sign a Standby Facilities Contract indicating that it has elected not to contract for backup capacity. Backup Overrun Adjustments will be applied if the customer is

forced to use standby capacity for which it has not contracted. Hydro Ottawa reserves the right to impose a Contract Backup Demand if a customer fails to meet its obligations.

Determination of Billed Backup Demand

The Contract Backup Demand establishes a ceiling for Billed Backup Demand (excluding Backup Overrun Adjustments). The following three examples illustrate how the volumetric component of the Standby Charge is determined. The examples that follow assume that the regular distribution volumetric charges apply to the metered peak demand. The Standby Charge is intended to supplement demand shortfalls introduced by the generation.

Example 1 – Generation ON for entire period

In this case the Billed Backup Demand would be equal to the Contract Backup Demand. The Contract Backup Demand replaces demand that would have been captured by Hydro Ottawa's interval metering had the generation been off.

Example 2 – Generation OFF for entire period

In this case the Billed Backup Demand would be zero. The customer is billed based on the peak demand registered on Hydro Ottawa's interval meters.

Example 3 – Generation ON and OFF during period (No Backup Overruns)

In this example the Billed Backup Demand is:

Contract Demand – (Metered Peak generator OFF – Metered Peak generator ON)

This assumes that the difference between the generator OFF peak and the generator ON peak is less then the contracted amount; if not, the customer is subject to a Backup Overrun Adjustment.

Backup Overrun Adjustment

The Backup Overrun Adjustment is to ensure customers contract for the appropriate amount of standby capacity. Customers must meet contract requirements by shedding load if they have contracted for an amount less then the nameplate rating. The Backup Overrun Adjustment is calculated as follows:

(Generator OFF Peak – Generator ON Peak) – Contract Backup Demand

If the Contract Backup Demand is less than the difference between the two peaks, a charge will apply.

Backup Overrun Adjustments are determined by reviewing interval data prior to and immediately after a generator change-of-status. The instantaneous demand difference with the generator on and off is determinative of the standby capacity used and any overrun used. The Backup Overrun Adjustments never exceed the nameplate rating of the generating plant; consequently, the Backup

Overrun Adjustment only applies to customers that have contracted for Backup Demand less then the generator nameplate rating.

Contract Backup Demand is reviewed on a quarterly basis. If a customer has exceeded the Contract Backup Demand (Backup Overrun Adjustment) in any of the three preceding billing periods, the Contract Backup Demand will be increased to the highest monthly level of utilization that occurred in those three months.

The Backup Overrun Adjustment is assessed at the same rate as the Billed Backup Demand.

Standby Monthly Service Charge

The Standby Monthly Service Charge is intended to cover the cost to determine, bill and monitor Billed Backup Demands and Backup Overrun Adjustments. The charge is based on time and material as shown on the following schedule.

Specific Service Charges: Embedded Generation –Standby Monthly Service Charge

Specific Service Charge Description:	**$95 Standby Monthly Service Charge**

Used For:

Standby Monthly Service Charge

			Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L	Direct Labour (inside staff) Straight Time		95.00	1.0		$95.00
A	Direct Labour (inside staff) Overtime					
B	Direct Labour (field staff) Straight Time					
O	Direct Labour (field staff) Overtime					
U	Other Labour (Specify)					
R	Payroll Burden %		Included			
		Total Labour Cost				$95.00
O	Small Vehicle Time					
T	Large Vehicle Time					
H	Other:	Material				
E		Contract				
R		Other				
		Total Other				
Total Cost						$95.00
	Specific Service Charge Value Requested - Round to nearest $5					**$95.00**

- Reading Generator Meter Data and analyzing peaks
- Producing Shadow report
- Producing Annual Statistical report

Table 10.4 – Standby Monthly Service Charge

Parallel Generation Data Requirements

Customers will be required to provide generator operating and load information pertaining to parallel generation with nameplate ratings greater than or equal to 500 kVA. All new generators will be metered to allow comparison to Hydro Ottawa's supply point load profile for determining billing demands. For existing generators, the Billed Backup Demand will be determined from the customer's generator load data and operating logs.

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 2017. The current 2016 and proposed 2017 Tariff of Rates and Charges are provided in Exhibit 8-10-1. Please see Exhibit 8-12-1 for Bill Impacts.

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)[1]

	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.

[1] Totals may not match due to rounding.

On April 2, 2015, the OEB released its *Board Policy: A New Distribution Rate Design for Residential Electricity Customers*. 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 GS>50 class was set to $200, and will be maintained at that level until 2020.

Lastly, Parties agreed to bring Sentinel Lights within the OEB-approved ranges by 2020.

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 price.

Table 2 – Current and Proposed Fixed/Variable Split

	2016		**2017**		2018		2019		2020	
	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %	Fixed %	Variable %
Residential	52%	48%	64%	36%	76%	24%	88%	12%	100%	0%
GS <50	24%	76%	24%	76%	25%	75%	25%	75%	25%	75%
GS 50 to 1,499 kW	22%	78%	21%	79%	20%	80%	20%	80%	20%	80%
GS 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%
Street Light	43%	57%	43%	57%	43%	57%	43%	57%	43%	57%
Sentinel	44%	56%	41%	59%	38%	62%	35%	65%	32%	68%
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%

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

Table 3 – Current and Proposed Fixed and Variable Charges

	2016		2017	
	Fixed $	Variable $/kWh or KW	Fixed $	Variable $/kWh or KW
Residential	12.96	0.0193	16.60	0.0151
GS <50	17.23	0.0216	17.89	0.0227
GS 50 to 1,499 kW	200.00	4.0706	200.00	4.3245
GS 1,500 to 4,999 kW	4,193.93	3.6541	4,193.93	3.9181
Large Use	15,231.32	3.4742	15,231.32	3.7199
Street Light	0.75	5.3171	0.80	5.6501
Sentinel	2.98	11.3998	3.04	12.2794
Unmetered Scattered Load	4.42	0.0219	4.60	0.0226
Standby Power GS 50 to 1,499 kW	126.36	1.6865	132.38	1.7669
Standby Power GS 1,500 to 4,999 kW	126.36	1.5469	132.38	1.6206
Standby Power Large Use	126.36	1.7166	132.38	1.7984

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

Table 4 – 2015 Current and 2017 Proposed Fixed Charge Comparison to Cost Allocation Floor and Ceiling ($)

Customer Class	Cost Allocation		2015 Rate	2017 Proposed Rate
	Floor	Ceiling		
Residential	4.39	15.95	9.67	16.60
GS < 50 kW	6.86	23.77	16.72	17.89
GS > 50 to 1,499 kW	39.90	96.62	260.82	200.00
GS > 1,500 to 4,999 kW	162.63	516.25	4,193.93	4,193.93
Large Use	78.36	568.43	15,231.32	15,231.32
Street Light	0.19	13.95	0.57	0.80
Sentinel	1.80	12.96	2.62	3.04
Unmetered Scattered Load	(0.03)	7.58	4.43	4.60
Standby Power	194.26	258.27	122.41	132.38

3.0 TRANSFORMER OWNERSHIP CREDIT

The Transformer Ownership Credit ("TOC") is $0.45/kW for customers who own their transformers.

RATE DESIGN POLICY CONSULTATION

On April 2, 2015, the OEB released the *Board Policy – A New Distribution Rate Design for Residential Electricity Customers* (EB-2012-0410). As part of Hydro Ottawa's Custom IR Application, it proposed to move Residential customers to a fully fixed charge 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 Fixed/Variable Portion for further information regarding the transition to a fully fixed rate and Attachment 8-2(A).

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Revenue Requirement Workform (RRWF) for 2017 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	301,258
kWh	2,198,259,000

Proposed Residential Class Specific Revenue Requirement[1]	$	93,241,643.29

Residential Base Rates on Current Tariff		
Monthly Fixed Charge ($)	$	12.96
Distribution Volumetric Rate ($/kWh)	$	0.0193

B Current Fixed/Variable Split

	Base Rates	Billing Determinants		Revenue	% of Total Revenue
Fixed	12.96	301,258	$	46,851,644.16	52.48%
Variable	0.0193	2,198,259,000	$	42,426,398.70	47.52%
TOTAL	-	-	$	89,278,042.86	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years[2]	4

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	$ 48,931,676.28	13.54	$ 48,948,399.84
Variable	$ 44,309,967.01	0.0202	$ 44,404,831.80
TOTAL	$ 93,241,643.29	-	$ 93,353,231.64

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	64.36%	$ 60,009,168.03	$ 16.60	$ 60,010,593.60
Variable	35.64%	$ 33,232,475.26	$ 0.0151	$ 33,193,710.90
TOTAL	-	$ 93,241,643.29	-	$ 93,204,304.50

Checks[3]	
Change in Fixed Rate	$ 3.06
Difference Between Revenues @	($37,338.79)
Proposed Rates and Class Specific	-0.04%

Notes:

1 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).

2 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.

3 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)

RETAIL TRANSMISSION SERVICE RATES

1.0 INTRODUCTION

The OEB issued *Guideline G-2008-0001 – Electricity Distribution Retail Transmission Service Rates* (last revised June 22, 2012), which outlined information that the Board requires electricity distributors to file to adjust their Retail Transmission Service Rates ("RTSRs"). Subsequently, the OEB also provided a filing model which distributors are required to complete and file. Hydro Ottawa has completed the 2017_RTSR Work Form for Electricity Distributors – version 1.1 issued by the OEB on July 11, 2016; please see Attachment 8-3(A).

2.0 PROPOSED RTSR CHARGES FOR 2017

Consistent with the Approved Settlement Agreement, Hydro Ottawa has agreed to use the RTSRs for its 2017 rates as calculated by the OEB's RTSRs model. Currently, the 2015 billing determinants are the most recently reported in the Reporting and Record Keeping Requirements ("RRR").

Hydro Ottawa has attached the 2017 RTSRs Model in PDF format as part of this Exhibit and has also provided a live Excel version.

As part of the Approved Settlement Agreement, RTSRs are to be updated annually, 2017 through 2020, based on OEB-approved adjustments to the Hydro One Uniform Transmission Rates ("UTRs") using the RTSR model.

Given that Hydro One UTRs are not typically approved in time for adjusting Hydro Ottawa's rates on January 1, the Parties have agreed to set each year's RTSRs using the previous year's UTRs. As per the Approved Settlement Agreement, the differences

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

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2017 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	kWh	0.0076	0.0047
General Service Less Than 50 kW	kWh	0.0069	0.0045
General Service 50 to 1,499 kW	kW	2.8608	1.8267
General Service 1,500 to 4,999 kW	kW	2.9704	1.9522
Large Use > 5000 kW	kW	3.2927	2.1984
Unmetered Scattered Load	kWh	0.0069	0.0045
Sentinel Lighting	kW	2.1118	1.3570
Street Lighting	kW	2.1225	1.3853

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2017 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
Residential	RTSR - Network	kWh	0.0076	2,242,517,759		1.0335	2,317,642,104
Residential	RTSR - Connection	kWh	0.0047	2,242,517,759		1.0335	2,317,642,104
General Service Less Than 50 kW	RTSR - Network	kWh	0.0069	723,754,871		1.0335	748,000,659
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0045	723,754,871		1.0335	748,000,659
General Service 50 to 1,499 kW	RTSR - Network	kW	2.8608	2,949,262,003	7,203,146		
General Service 50 to 1,499 kW	RTSR - Connection	kW	1.8267	2,949,262,003	7,203,146		
General Service 1,500 to 4,999 kW	RTSR - Network	kW	2.9704	867,663,053	1,848,869		
General Service 1,500 to 4,999 kW	RTSR - Connection	kW	1.9522	867,663,053	1,848,869		
Large Use > 5000 kW	RTSR - Network	kW	3.2927	564,803,671	1,045,761		
Large Use > 5000 kW	RTSR - Connection	kW	2.1984	564,803,671	1,045,761		
Unmetered Scattered Load	RTSR - Network	kWh	0.0069	15,997,714		1.0335	16,533,638
Unmetered Scattered Load	RTSR - Connection	kWh	0.0045	15,997,714		1.0335	16,533,638
Sentinel Lighting	RTSR - Network	kW	2.1118	48,804	136		
Sentinel Lighting	RTSR - Connection	kW	1.3570	48,804	136		
Street Lighting	RTSR - Network	kW	2.1225	45,151,658	125,349		
Street Lighting	RTSR - Connection	kW	1.3853	45,151,658	125,349		

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2017 RTSR Workform for Electricity Distributors

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

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

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

If needed, add extra host here. (II)	Unit	Effective January 1, 2014	Effective January 1, 2015	Effective January 1, 2016
Rate Description		**Rate**	**Rate**	**Rate**
Network Service Rate	kW			
Line Connection Service Rate	kW			
Transformation Connection Service Rate	kW			
Both Line and Transformation Connection Service Rate	kW	$ -	$ -	$ -

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

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2017 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 Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,181,673	$3.78	4,466,724	1,146,034	$0.86	985,589	915,052	$2.00	1,830,104	$ 2,815,693
February	1,157,553	$3.78	4,375,550	1,158,219	$0.86	996,068	902,795	$2.00	1,805,590	$ 2,801,658
March	1,075,201	$3.78	4,064,260	1,093,887	$0.86	940,743	829,990	$2.00	1,659,980	$ 2,600,723
April	922,310	$3.78	3,486,332	915,464	$0.86	787,299	708,370	$2.00	1,416,740	$ 2,204,039
May	1,074,975	$3.78	4,063,406	1,083,143	$0.86	931,503	778,721	$2.00	1,557,442	$ 2,488,945
June	1,089,686	$3.78	4,119,013	1,078,022	$0.86	927,099	802,387	$2.00	1,604,774	$ 2,531,873
July	1,320,844	$3.78	4,992,790	1,314,263	$0.86	1,130,266	968,130	$2.00	1,936,260	$ 3,066,526
August	1,286,854	$3.78	4,864,308	1,249,546	$0.86	1,074,610	945,917	$2.00	1,891,834	$ 2,966,444
September	1,178,902	$3.78	4,456,250	1,208,432	$0.86	1,039,252	903,044	$2.00	1,806,088	$ 2,845,340
October	941,989	$3.78	3,560,718	968,149	$0.86	832,608	700,668	$2.00	1,401,336	$ 2,233,944
November	1,032,930	$3.78	3,904,475	1,016,330	$0.86	874,044	766,141	$2.00	1,532,282	$ 2,406,326
December	1,039,875	$3.78	3,930,728	1,060,093	$0.86	911,680	786,632	$2.00	1,573,264	$ 2,484,944
Total	13,302,792	$ 3.78	$ 50,284,554	13,291,582	$ 0.86	$ 11,430,761	10,007,847	$ 2.00	$ 20,015,694	$ 31,446,455

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2017 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.

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	85,138	$3.23	$ 274,996	4,987	$0.65	$ 3,242	85,612	$1.62	$ 138,692	$ 141,933
February	84,473	$3.23	$ 272,849	4,987	$0.65	$ 3,241	85,766	$1.62	$ 138,942	$ 142,183
March	68,705	$3.23	$ 221,919	6,111	$0.65	$ 3,972	71,409	$1.62	$ 115,683	$ 119,655
April	62,555	$3.27	$ 204,493	4,213	$0.68	$ 2,863	64,607	$1.66	$ 107,180	$ 110,043
May	84,066	$3.41	$ 286,843	5,101	$0.79	$ 4,019	86,206	$1.80	$ 155,327	$ 159,345
June	70,001	$3.41	$ 238,851	4,022	$0.79	$ 3,169	71,141	$1.80	$ 128,181	$ 131,350
July	80,437	$3.41	$ 274,458	4,417	$0.79	$ 3,480	80,868	$1.80	$ 145,709	$ 149,189
August	74,429	$3.41	$ 253,960	4,368	$0.79	$ 3,442	74,096	$1.80	$ 133,506	$ 136,947
September	69,665	$3.41	$ 237,705	4,278	$0.79	$ 3,371	76,592	$1.80	$ 138,004	$ 141,374
October	53,230	$3.41	$ 181,625	3,141	$0.79	$ 2,474	52,591	$1.80	$ 94,758	$ 97,232
November	70,732	$3.41	$ 241,344	3,354	$0.79	$ 2,643	72,603	$1.80	$ 130,817	$ 133,459
December	70,639	$3.41	$ 241,029	3,469	$0.79	$ 2,733	72,228	$1.80	$ 130,141	$ 132,874
Total	874,071	$ 3.35	$ 2,930,071	52,446	$ 0.74	$ 38,648	893,720	$ 1.74	$ 1,556,938	$ 1,595,586

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2017 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.

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$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	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

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2017 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.

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		$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	-	$ -	$ -	-	$ -	$ -	-	$ -	$ -	$ -

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2017 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.

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,266,811	$3.74	$ 4,741,720	1,151,021	$0.86	$ 988,831	1,000,664	$1.97	$ 1,968,796	$ 2,957,626
February	1,242,026	$3.74	$ 4,648,400	1,163,206	$0.86	$ 999,310	988,561	$1.97	$ 1,944,532	$ 2,943,841
March	1,143,906	$3.75	$ 4,286,179	1,099,998	$0.86	$ 944,715	901,399	$1.97	$ 1,775,663	$ 2,720,378
April	984,865	$3.75	$ 3,690,825	919,677	$0.86	$ 790,162	772,977	$1.97	$ 1,523,920	$ 2,314,082
May	1,159,041	$3.75	$ 4,350,249	1,088,244	$0.86	$ 935,522	864,927	$1.98	$ 1,712,769	$ 2,648,290
June	1,159,687	$3.76	$ 4,357,864	1,082,044	$0.86	$ 930,268	873,528	$1.98	$ 1,732,955	$ 2,663,223
July	1,401,281	$3.76	$ 5,267,248	1,318,680	$0.86	$ 1,133,746	1,048,998	$1.98	$ 2,081,969	$ 3,215,715
August	1,361,283	$3.76	$ 5,118,268	1,253,914	$0.86	$ 1,078,051	1,020,013	$1.99	$ 2,025,340	$ 3,103,391
September	1,248,567	$3.76	$ 4,693,954	1,212,710	$0.86	$ 1,042,622	979,636	$1.98	$ 1,944,092	$ 2,986,714
October	995,219	$3.76	$ 3,742,343	971,290	$0.86	$ 835,083	753,259	$1.99	$ 1,496,094	$ 2,331,176
November	1,103,662	$3.76	$ 4,145,819	1,019,684	$0.86	$ 876,686	838,744	$1.98	$ 1,663,099	$ 2,539,785
December	1,110,514	$3.76	$ 4,171,756	1,063,562	$0.86	$ 914,413	858,860	$1.98	$ 1,703,405	$ 2,617,818
Total	14,176,863	$ 3.75	$ 53,214,625	13,344,028	$ 0.86	$ 11,469,408	10,901,567	$ 1.98	$ 21,572,632	$ 33,042,040

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2017 RTSR Workform for Electricity Distributors

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

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,181,673	$ 3.6600	$ 4,324,923	1,146,034	$ 0.8700	$ 997,050	915,052	$ 2.0200	$ 1,848,405	$ 2,845,455
February	1,157,553	$ 3.6600	$ 4,236,644	1,158,219	$ 0.8700	$ 1,007,651	902,795	$ 2.0200	$ 1,823,646	$ 2,831,296
March	1,075,201	$ 3.6600	$ 3,935,236	1,093,887	$ 0.8700	$ 951,682	829,990	$ 2.0200	$ 1,676,580	$ 2,628,261
April	922,310	$ 3.6600	$ 3,375,655	915,464	$ 0.8700	$ 796,454	708,370	$ 2.0200	$ 1,430,907	$ 2,227,361
May	1,074,975	$ 3.6600	$ 3,934,409	1,083,143	$ 0.8700	$ 942,334	778,721	$ 2.0200	$ 1,573,016	$ 2,515,351
June	1,089,686	$ 3.6600	$ 3,988,251	1,078,022	$ 0.8700	$ 937,879	802,387	$ 2.0200	$ 1,620,822	$ 2,558,701
July	1,320,844	$ 3.6600	$ 4,834,289	1,314,263	$ 0.8700	$ 1,143,409	968,130	$ 2.0200	$ 1,955,623	$ 3,099,031
August	1,286,854	$ 3.6600	$ 4,709,886	1,249,546	$ 0.8700	$ 1,087,105	945,917	$ 2.0200	$ 1,910,752	$ 2,997,857
September	1,178,902	$ 3.6600	$ 4,314,781	1,208,432	$ 0.8700	$ 1,051,336	903,044	$ 2.0200	$ 1,824,149	$ 2,875,485
October	941,989	$ 3.6600	$ 3,447,680	968,149	$ 0.8700	$ 842,290	700,668	$ 2.0200	$ 1,415,349	$ 2,257,639
November	1,032,930	$ 3.6600	$ 3,780,524	1,016,330	$ 0.8700	$ 884,207	766,141	$ 2.0200	$ 1,547,605	$ 2,431,812
December	1,039,875	$ 3.6600	$ 3,805,943	1,060,093	$ 0.8700	$ 922,281	786,632	$ 2.0200	$ 1,588,997	$ 2,511,278
Total	13,302,792	$ 3.66	$ 48,688,219	13,291,582	$ 0.87	$ 11,563,676	10,007,847	$ 2.02	$ 20,215,851	$ 31,779,527

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2017 RTSR Workform for Electricity Distributors

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

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	85,138	$ 3.4121	$ 290,499	4,987	$ 0.7879	$ 3,929	85,612	$ 1.8018	$ 154,256	$ 158,185
February	84,473	$ 3.3396	$ 282,108	4,987	$ 0.7791	$ 3,885	85,766	$ 1.7713	$ 151,918	$ 155,803
March	68,705	$ 3.3396	$ 229,449	6,111	$ 0.7791	$ 4,761	71,409	$ 1.7713	$ 126,487	$ 131,248
April	62,555	$ 3.3396	$ 208,908	4,213	$ 0.7791	$ 3,282	64,607	$ 1.7713	$ 114,438	$ 117,720
May	84,066	$ 3.3396	$ 280,748	5,101	$ 0.7791	$ 3,974	86,206	$ 1.7713	$ 152,697	$ 156,671
June	70,001	$ 3.3396	$ 233,776	4,022	$ 0.7791	$ 3,134	71,141	$ 1.7713	$ 126,012	$ 129,145
July	80,437	$ 3.3396	$ 268,626	4,417	$ 0.7791	$ 3,441	80,868	$ 1.7713	$ 143,242	$ 146,683
August	74,429	$ 3.3396	$ 248,564	4,368	$ 0.7791	$ 3,403	74,096	$ 1.7713	$ 131,246	$ 134,649
September	69,665	$ 3.3396	$ 232,654	4,278	$ 0.7791	$ 3,333	76,592	$ 1.7713	$ 135,668	$ 139,001
October	53,230	$ 3.3396	$ 177,765	3,141	$ 0.7791	$ 2,447	52,591	$ 1.7713	$ 93,154	$ 95,600
November	70,732	$ 3.3396	$ 236,216	3,354	$ 0.7791	$ 2,613	72,603	$ 1.7713	$ 128,602	$ 131,215
December	70,639	$ 3.3396	$ 235,908	3,469	$ 0.7791	$ 2,702	72,228	$ 1.7713	$ 127,938	$ 130,640
Total	874,071	$ 3.35	$ 2,925,221	52,446	$ 0.78	$ 40,905	893,720	$ 1.77	$ 1,585,658	$ 1,626,563

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

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

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2017 RTSR Workform for Electricity Distributors

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

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

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2017 RTSR Workform for Electricity Distributors

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

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,266,811	$3.64	$ 4,615,423	1,151,021	$0.87	$ 1,000,979	1,000,664	$2.00	$ 2,002,661	$ 3,003,640
February	1,242,026	$3.64	$ 4,518,752	1,163,206	$0.87	$ 1,011,536	988,561	$2.00	$ 1,975,564	$ 2,987,100
March	1,143,906	$3.64	$ 4,164,685	1,099,998	$0.87	$ 956,443	901,399	$2.00	$ 1,803,067	$ 2,759,510
April	984,865	$3.64	$ 3,584,563	919,677	$0.87	$ 799,736	772,977	$2.00	$ 1,545,346	$ 2,345,081
May	1,159,041	$3.64	$ 4,215,157	1,088,244	$0.87	$ 946,308	864,927	$2.00	$ 1,725,714	$ 2,672,022
June	1,159,687	$3.64	$ 4,222,027	1,082,044	$0.87	$ 941,013	873,528	$2.00	$ 1,746,833	$ 2,687,846
July	1,401,281	$3.64	$ 5,102,915	1,318,680	$0.87	$ 1,146,850	1,048,998	$2.00	$ 2,098,865	$ 3,245,715
August	1,361,283	$3.64	$ 4,958,450	1,253,914	$0.87	$ 1,090,508	1,020,013	$2.00	$ 2,041,998	$ 3,132,506
September	1,248,567	$3.64	$ 4,547,435	1,212,710	$0.87	$ 1,054,669	979,636	$2.00	$ 1,959,817	$ 3,014,485
October	995,219	$3.64	$ 3,625,445	971,290	$0.87	$ 844,736	753,259	$2.00	$ 1,508,503	$ 2,353,239
November	1,103,662	$3.64	$ 4,016,740	1,019,684	$0.87	$ 886,820	838,744	$2.00	$ 1,676,207	$ 2,563,027
December	1,110,514	$3.64	$ 4,041,850	1,063,562	$0.87	$ 924,983	858,860	$2.00	$ 1,716,935	$ 2,641,918
Total	14,176,863	$ 3.64	$ 51,613,440	13,344,028	$ 0.87	$ 11,604,581	10,901,567	$ 2.00	$ 21,801,509	$ 33,406,090

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2017 RTSR Workform for Electricity Distributors

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

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,181,673	$ 3.6600	$ 4,324,923	1,146,034	$ 0.8700	$ 997,050	915,052	$ 2.0200	$ 1,848,405	$ 2,845,455
February	1,157,553	$ 3.6600	$ 4,236,644	1,158,219	$ 0.8700	$ 1,007,651	902,795	$ 2.0200	$ 1,823,646	$ 2,831,296
March	1,075,201	$ 3.6600	$ 3,935,236	1,093,887	$ 0.8700	$ 951,682	829,990	$ 2.0200	$ 1,676,580	$ 2,628,261
April	922,310	$ 3.6600	$ 3,375,655	915,464	$ 0.8700	$ 796,454	708,370	$ 2.0200	$ 1,430,907	$ 2,227,361
May	1,074,975	$ 3.6600	$ 3,934,409	1,083,143	$ 0.8700	$ 942,334	778,721	$ 2.0200	$ 1,573,016	$ 2,515,351
June	1,089,686	$ 3.6600	$ 3,988,251	1,078,022	$ 0.8700	$ 937,879	802,387	$ 2.0200	$ 1,620,822	$ 2,558,701
July	1,320,844	$ 3.6600	$ 4,834,289	1,314,263	$ 0.8700	$ 1,143,409	968,130	$ 2.0200	$ 1,955,623	$ 3,099,031
August	1,286,854	$ 3.6600	$ 4,709,886	1,249,546	$ 0.8700	$ 1,087,105	945,917	$ 2.0200	$ 1,910,752	$ 2,997,857
September	1,178,902	$ 3.6600	$ 4,314,781	1,208,432	$ 0.8700	$ 1,051,336	903,044	$ 2.0200	$ 1,824,149	$ 2,875,485
October	941,989	$ 3.6600	$ 3,447,680	968,149	$ 0.8700	$ 842,290	700,668	$ 2.0200	$ 1,415,349	$ 2,257,639
November	1,032,930	$ 3.6600	$ 3,780,524	1,016,330	$ 0.8700	$ 884,207	766,141	$ 2.0200	$ 1,547,605	$ 2,431,812
December	1,039,875	$ 3.6600	$ 3,805,943	1,060,093	$ 0.8700	$ 922,281	786,632	$ 2.0200	$ 1,588,997	$ 2,511,278
Total	13,302,792	$ 3.66	$ 48,688,219	13,291,582	$ 0.87	$ 11,563,676	10,007,847	$ 2.02	$ 20,215,851	$ 31,779,527

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2017 RTSR Workform for Electricity Distributors

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

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	85,138	$ 3.3396	$ 284,327	4,987	$ 0.7791	$ 3,886	85,612	$ 1.7713	$ 151,645	$ 155,530
February	84,473	$ 3.3396	$ 282,108	4,987	$ 0.7791	$ 3,885	85,766	$ 1.7713	$ 151,918	$ 155,803
March	68,705	$ 3.3396	$ 229,449	6,111	$ 0.7791	$ 4,761	71,409	$ 1.7713	$ 126,487	$ 131,248
April	62,555	$ 3.3396	$ 208,908	4,213	$ 0.7791	$ 3,282	64,607	$ 1.7713	$ 114,438	$ 117,720
May	84,066	$ 3.3396	$ 280,748	5,101	$ 0.7791	$ 3,974	86,206	$ 1.7713	$ 152,697	$ 156,671
June	70,001	$ 3.3396	$ 233,776	4,022	$ 0.7791	$ 3,134	71,141	$ 1.7713	$ 126,012	$ 129,145
July	80,437	$ 3.3396	$ 268,626	4,417	$ 0.7791	$ 3,441	80,868	$ 1.7713	$ 143,242	$ 146,683
August	74,429	$ 3.3396	$ 248,564	4,368	$ 0.7791	$ 3,403	74,096	$ 1.7713	$ 131,246	$ 134,649
September	69,665	$ 3.3396	$ 232,654	4,278	$ 0.7791	$ 3,333	76,592	$ 1.7713	$ 135,668	$ 139,001
October	53,230	$ 3.3396	$ 177,765	3,141	$ 0.7791	$ 2,447	52,591	$ 1.7713	$ 93,154	$ 95,600
November	70,732	$ 3.3396	$ 236,216	3,354	$ 0.7791	$ 2,613	72,603	$ 1.7713	$ 128,602	$ 131,215
December	70,639	$ 3.3396	$ 235,908	3,469	$ 0.7791	$ 2,702	72,228	$ 1.7713	$ 127,938	$ 130,640
Total	874,071	$ 3.34	$ 2,919,049	52,446	$ 0.78	$ 40,861	893,720	$ 1.77	$ 1,583,047	$ 1,623,908

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2017 RTSR Workform for Electricity Distributors

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

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

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

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

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2017 RTSR Workform for Electricity Distributors

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

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	1,266,811	$ 3.64	4,609,250	1,151,021	$ 0.87	1,000,935	1,000,664	$ 2.00	2,000,050	$ 3,000,985
February	1,242,026	$ 3.64	4,518,752	1,163,206	$ 0.87	1,011,536	988,561	$ 2.00	1,975,564	$ 2,987,100
March	1,143,906	$ 3.64	4,164,685	1,099,998	$ 0.87	956,443	901,399	$ 2.00	1,803,067	$ 2,759,510
April	984,865	$ 3.64	3,584,563	919,677	$ 0.87	799,736	772,977	$ 2.00	1,545,346	$ 2,345,081
May	1,159,041	$ 3.64	4,215,157	1,088,244	$ 0.87	946,308	864,927	$ 2.00	1,725,714	$ 2,672,022
June	1,159,687	$ 3.64	4,222,027	1,082,044	$ 0.87	941,013	873,528	$ 2.00	1,746,833	$ 2,687,846
July	1,401,281	$ 3.64	5,102,915	1,318,680	$ 0.87	1,146,850	1,048,998	$ 2.00	2,098,865	$ 3,245,715
August	1,361,283	$ 3.64	4,958,450	1,253,914	$ 0.87	1,090,508	1,020,013	$ 2.00	2,041,998	$ 3,132,506
September	1,248,567	$ 3.64	4,547,435	1,212,710	$ 0.87	1,054,669	979,636	$ 2.00	1,959,817	$ 3,014,485
October	995,219	$ 3.64	3,625,445	971,290	$ 0.87	844,736	753,259	$ 2.00	1,508,503	$ 2,353,239
November	1,103,662	$ 3.64	4,016,740	1,019,684	$ 0.87	886,820	838,744	$ 2.00	1,676,207	$ 2,563,027
December	1,110,514	$ 3.64	4,041,850	1,063,562	$ 0.87	924,983	858,860	$ 2.00	1,716,935	$ 2,641,918
Total	14,176,863	$ 3.64	$ 51,607,268	13,344,028	$ 0.87	$ 11,604,537	10,901,567	$ 2.00	$ 21,798,898	$ 33,403,435

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2017 RTSR Workform for Electricity Distributors

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

Rate Class	Rate Description	Unit	Current RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential	RTSR - Network	kWh	0.0076	2,317,642,104		17,614,080	33.4%	17,251,661	0.0074
General Service Less Than 50 kW	RTSR - Network	kWh	0.0069	748,000,659		5,161,205	9.8%	5,055,010	0.0068
General Service 50 to 1,499 kW	RTSR - Network	kW	2.8608		7,203,146	20,606,760	39.1%	20,182,765	2.8019
General Service 1,500 to 4,999 kW	RTSR - Network	kW	2.9704		1,848,869	5,491,880	10.4%	5,378,882	2.9093
Large Use > 5000 kW	RTSR - Network	kW	3.2927		1,045,761	3,443,377	6.5%	3,372,528	3.2250
Unmetered Scattered Load	RTSR - Network	kWh	0.0069	16,533,638		114,082	0.2%	111,735	0.0068
Sentinel Lighting	RTSR - Network	kW	2.1118		136	287	0.0%	281	2.0683
Street Lighting	RTSR - Network	kW	2.1225		125,349	266,053	0.5%	260,579	2.0788

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

Rate Class	Rate Description	Unit	Current RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR-Connection
Residential	RTSR - Connection	kWh	0.0047	2,317,642,104		10,892,918	32.4%	10,838,601	0.0047
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0045	748,000,659		3,366,003	10.0%	3,349,219	0.0045
General Service 50 to 1,499 kW	RTSR - Connection	kW	1.8267		7,203,146	13,157,987	39.2%	13,092,375	1.8176
General Service 1,500 to 4,999 kW	RTSR - Connection	kW	1.9522		1,848,869	3,609,362	10.8%	3,591,364	1.9425
Large Use > 5000 kW	RTSR - Connection	kW	2.1984		1,045,761	2,299,001	6.8%	2,287,537	2.1874
Unmetered Scattered Load	RTSR - Connection	kWh	0.0045	16,533,638		74,401	0.2%	74,030	0.0045
Sentinel Lighting	RTSR - Connection	kW	1.3570		136	185	0.0%	184	1.3502
Street Lighting	RTSR - Connection	kW	1.3853		125,349	173,646	0.5%	172,780	1.3784

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Network
Residential	RTSR - Network	kWh	0.0074	2,317,642,104		17,251,661	33.4%	17,249,597	**0.0074**
General Service Less Than 50 kW	RTSR - Network	kWh	0.0068	748,000,659		5,055,010	9.8%	5,054,405	**0.0068**
General Service 50 to 1,499 kW	RTSR - Network	kW	2.8019		7,203,146	20,182,765	39.1%	20,180,351	**2.8016**
General Service 1,500 to 4,999 kW	RTSR - Network	kW	2.9093		1,848,869	5,378,882	10.4%	5,378,239	**2.9089**
Large Use > 5000 kW	RTSR - Network	kW	3.2250		1,045,761	3,372,528	6.5%	3,372,125	**3.2246**
Unmetered Scattered Load	RTSR - Network	kWh	0.0068	16,533,638		111,735	0.2%	111,721	**0.0068**
Sentinel Lighting	RTSR - Network	kW	2.0683		136	281	0.0%	281	**2.0681**
Street Lighting	RTSR - Network	kW	2.0788		125,349	260,579	0.5%	260,548	**2.0786**

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Connection
Residential	RTSR - Connection	kWh	0.0047	2,317,642,104		10,838,601	32.4%	10,837,739	**0.0047**
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0045	748,000,659		3,349,219	10.0%	3,348,952	**0.0045**
General Service 50 to 1,499 kW	RTSR - Connection	kW	1.8176		7,203,146	13,092,375	39.2%	13,091,335	**1.8174**
General Service 1,500 to 4,999 kW	RTSR - Connection	kW	1.9425		1,848,869	3,591,364	10.8%	3,591,079	**1.9423**
Large Use > 5000 kW	RTSR - Connection	kW	2.1874		1,045,761	2,287,537	6.8%	2,287,355	**2.1873**
Unmetered Scattered Load	RTSR - Connection	kWh	0.0045	16,533,638		74,030	0.2%	74,024	**0.0045**
Sentinel Lighting	RTSR - Connection	kW	1.3502		136	184	0.0%	184	**1.3501**
Street Lighting	RTSR - Connection	kW	1.3784		125,349	172,780	0.5%	172,766	**1.3783**

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."[1]

Table 1 provides Hydro Ottawa's approved Retail Service Charges for 2016 through 2020. Hydro Ottawa's 2017 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
Monthly fixed charge	24.00	25.00	26.00	27.00	28.00
Standard Charge	117.00	122.00	129.00	135.00	140.00
Monthly variable charge	0.60	0.60	0.65	0.65	0.70
Distr consol billing charge	0.35	0.35	0.40	0.40	0.40
Rtlr consol billing credit	(0.35)	(0.35)	(0.40)	(0.40)	(0.40)
STR Process	0.60	0.60	0.65	0.65	0.70
STR Request	0.30	0.30	0.30	0.35	0.35

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

[1] Approved Settlement Agreement, p. 44.

WHOLESALE MARKET SERVICE RATE

Hydro Ottawa has used the current OEB generic Wholesale Market Service Rates ("WMSRs") in its Proposed Tariff of Rates and Charges, as outlined in Exhibit 8-10-1 Current and Proposed Tariff of Rates and Charges.

The current rate for Class B customers is $0.0036 per kWh. Per the OEB's Decision and Order EB-2015-0294 issued on November 19, 2015, this rate includes the Capacity Based Recovery ("CBR") Rate of $0.0004 per kWh.

For Class A customers, the wholesale rate is $0.0032 per kWh. CBR costs are in proportion to the customer's contribution to peak demand. As a result, each customer has a unique rate.

Hydro Ottawa will comply with the *Accounting Guidance on Capacity Based Recovery* issued by the OEB on July 25, 2016, and with the OEB Supplementary Decision and Order EB-2016-0193, issued on June 16, 2016, for the 2016 WMSR and CBR for Class A and Class B Customers.

The Rural and Remote Rate Protection of $0.0013 per kWh is uniform among all classes. In addition, the Ontario Electricity Support Program ("OESP") rate of $0.0011 per kWh, was put in place effective January 1, 2016. This is uniform among both Class A and Class B customers.

Hydro Ottawa will update these rates in accordance with any additional OEB-approved rate changes.

SMART METERING CHARGE

On March 28, 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 < 50kW 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 Current and Proposed Tariff of Rates and Charges. As the Smart Metering Charge is currently in effect until October 31, 2018, this has been noted.

SPECIFIC SERVICE CHARGES

1.0 INTRODUCTION

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. 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.

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 2016 approved rate.

i. Special Billing Service, per hour;
ii. Interval Meter – Field Reading;
iii. High Bill Investigation – If billing is correct;
iv. Temporary service install & remove – overhead – no transformer;
v. Temporary service install & remove – underground – no transformer;
vi. Temporary service install & remove – overhead – with transformer;
vii. Standard Charge, Per Retailer;
viii. Monthly Fixed Charge, Per Retailer;
ix. Energy Resource Facility Administration Charge – Without Account Set Up (One Time);
x. Energy Resource Facility Administration Charge – With Account Set Up (One Time);
xi. FIT Energy Resource Facility Monthly Account Management Charge; and
xii. HCI, RESOP, Other Energy Resource Facility Monthly Account Management Charge.

2.0 SUMMARY OF REVISED AND NEW SERVICE CHARGES

Table 1 reflects Hydro Ottawa's approved revised and new service charges, as per the Approved Settlement Agreement, for the years 2016 through 2020. The service charges are included in Hydro Ottawa's tariff sheet, as presented in Exhibit 10-8-1 Current and Proposed Tariff of Rates and Charges.

Table 1 –Summary of Approved New and Revised Service Charges

	2016	2017	2018	2019	2020
Disconnect/Reconnect at meter – regular hours (under account administration – new account)	$65.00	$65.00	$65.00	$65.00	$65.00
Disconnect/Reconnect at meter – after regular hours (under account administration section – new account)	$185.00	$185.00	$185.00	$185.00	$185.00
Special Billing Service, per hour	$95.00	$97.00	$100.00	$102.00	$104.00
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
Temporary service install & remove – overhead – no transformer	$797.00	$813.00	$830.00	$848.00	$866.00
Temporary service install & remove – underground – no transformer	$1,156.00	$1,180.00	$1,205.00	$1,230.00	$1,256.00
Temporary service install & remove – 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)
Standard Charge, per Retailer	$117.00	$122.00	$129.00	$135.00	$140.00
Monthly Fixed Charge, per Retailer	$24.00	$25.00	$26.00	$27.00	$28.00
Monthly Variable Charge, per Customer, per Retailer	$0.60	$0.60	$0.65	$0.65	$0.70
Monthly Billing Charge ("DCB"), per Customer, per Retailer	$0.35	$0.35	$0.40	$0.40	$0.40
Monthly Billing Credit ("RCB"), per customer, per retailer	-$0.35	-$0.35	-$0.40	-$0.40	-$0.40

	2016	2017	2018	2019	2020
Service Transaction Requests ("STR") Fee, per request	$0.30	$0.30	$0.30	$0.35	$0.35
Service Transaction Requests ("STR") Fee, per process	$0.60	$0.60	$0.65	$0.65	$0.70
Energy Resource Facility Administration Charge – Without Account Set Up (one-time)	$127.00	$130.00	$133.00	$135.00	$138.00
Energy Resource Facility Administration Charge – With Account Set Up (one-time)	$157.00	$160.00	$163.00	$165.00	$168.00
Micro-FIT and Micro-Net-Metering Energy Resource Facility Monthly Account Management Charge (formerly MicroFIT monthly account management charge)	$18.00	$18.00	$19.00	$19.00	$19.00
FIT Energy Resource Facility Monthly Account Management Charge	$119.00	$121.00	$124.00	$126.00	$129.00
HCI, RESOP, Other Energy Resource Facility Monthly Account Management Charge	$259.00	$264.00	$270.00	$276.00	$281.00

3.0 REVISED SERVICE CHARGES

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

3.1 Dry Core Transformers

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 2017 are outlined in Attachment 8-10(B) Proposed Tariff of Rates and Charges.

4.0 REVISED SERVICE CHARGE DESCRIPTIONS

4.1 Account Certificate (formerly Arrears Certificate)

Hydro Ottawa is updating the naming convention of Arrears Certificate to Account Certificate. Upon review of the 2016 Tariff of Rates and Charges, it was noted that the name was not updated per the Approved Settlement Agreement.

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)	Cost of Transmission and LV per kW	Cost of Energy and Wholesale Market per kWh**	Total Monthly cost of power	Cost of Distribution 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

*For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

** 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

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, 2016

Class	Per	LV Charge
Residential	kWh	$0.00007
General Service < 50 kW	kWh	$0.00006
General Service 50 to 1,499 kW	kW	$0.02526
General Service 1,500 to 4,999 kW	kW	$0.02700
Large Use (> 5000 kW)	kW	$0.03040
Unmetered Scattered Load	kWh	$0.00006
Sentinel Lights	kW	$0.01877
Street Lighting	kW	$0.01916

2.0 PROPOSED LV CHARGES FOR 2017

As part of the Approved Settlement Agreement, the Parties accepted Hydro Ottawa's proposed LV rates and agreed that they should be updated annually.

The LV charge has been allocated to the customer classes based on the class percentage of Retail Transmission Connection dollars (using 2017 proposed rates), as shown in Table 2. Hydro Ottawa used its 2016 LV forecast of $470,000, excluding rate riders for LV, in the calculations of the LV charges for the customer classes shown in Table 2.

Table 2 – 2017 Calculation of LV Charge

	A	B	C	D	E	F
	2017 Retail Transmission Connection Rate ($) kWh/kW	2017 Charge Determinant (kWh or kW)	A * B Basis for Allocation	Allocation %	Allocated $	2017 Rate /kWh or kW
Residential	$0.0047	2,198,259,000	$10,331,817	31.83%	$149,621	$0.00007
General Service < 50 kW	$0.0045	716,896,000	$3,226,032	9.94%	$46,718	$0.00007
General Service 50 to 1,499 kW	$1.8174	6,908,640	$12,555,762	38.69%	$181,828	$0.02632
General Service 1,500 to 4,999 kW	$1.9423	1,877,691	$3,647,039	11.24%	$52,815	$0.02813
Large Use (> 5000 kW)	$2.1873	1,119,726	$2,449,177	7.55%	$35,468	$0.03168
Unmetered Scattered Load	$0.0045	16,690,000	$75,105	0.23%	$1,088	$0.00007
Sentinel Lighting	$1.3501	216	$292	0.00%	$4	$0.01955
Street Lighting	$1.3783	123,144	$169,729	0.52%	$2,458	$0.01996
TOTAL			$32,454,954		$470,000	

LOSS ADJUSTMENT FACTORS

1.0 DISTRIBUTION LOSSES

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.

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%

2.0 LOSS ADJUSTMENT FACTORS

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

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

CURRENT AND PROPOSED TARIFF OF RATES AND CHARGES

Hydro Ottawa's approved 2016 tariff of rates and charges is provided as Attachment 8-10(A). Hydro Ottawa has utilized last year's Appendix Z to illustrate Hydro Ottawa's 2017 proposed tariff of rates and charges. Hydro Ottawa intends to update, per the OEB's model released August 12, 2016, once rates are approved. Hydro Ottawa's 2017 proposed tariff of rates and charges is provided in Attachment 8-10(B) and included as a PDF to this Exhibit.

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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

EB-2015-0004

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, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	12.96
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	$	0.79
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$	0.32
Distribution Volumetric Rate	$/kWh	0.0193
Low Voltage Service Rate	$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Non-RPP Customers	$/kWh	0.00281
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kWh	(0.000826)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kWh	(0.001509)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kWh	(0.00002)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0076
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0047

MONTHLY RATES AND CHARGES – Regulatory Component

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

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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

EB-2015-0004

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:
"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)

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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

EB-2015-0004

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

OESP Credit	$	(42.00)

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

OESP Credit	$	(45.00)

Class F
(a) account-holders with a household income of $28,000 or less living in a household of six or more persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of seven or more persons; or
(c) account-holders with a household income and household size described under Class B who also meet any of the 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
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, 2016

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EB-2015-0004

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. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	17.23
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	$	0.79
Distribution Volumetric Rate	$/kWh	0.0216
Low Voltage Service Rate	$/kWh	0.00006
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Non-RPP Customers	$/kWh	0.00281
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kWh	(0.000840)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kWh	(0.001509)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kWh	0.00007
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kWh	0.00023
Retail Transmission Rate – Network Service Rate	$/kWh	0.0069
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0045

MONTHLY RATES AND CHARGES – Regulatory Component

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

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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EB-2015-0004

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. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	200.00
Distribution Volumetric Rate	$/kW	4.0706
Low Voltage Service Rate	$/kW	0.02526
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Non-RPP Customers	$/kWh	0.00281
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kW	(0.355415)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kW	(0.634536)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kW	(0.0290)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kW	(0.07711)
Retail Transmission Rate – Network Service Rate	$/kW	2.8608
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.8267

MONTHLY RATES AND CHARGES – Regulatory Component

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

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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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. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	4,193.93
Distribution Volumetric Rate	$/kW	3.6541
Low Voltage Service Rate	$/kW	0.0270
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Non-RPP Customers	$/kWh	0.00281
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kW	(0.395098)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kW	(0.705383)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kW	(0.03435)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kW	(0.07711)
Retail Transmission Rate – Network Service Rate	$/kW	2.9704
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.9522

MONTHLY RATES AND CHARGES – Regulatory Component

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

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LARGE USE SERVICE CLASSIFICATION

This classification 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. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	15,231.32
Distribution Volumetric Rate	$/kW	3.4742
Low Voltage Service Rate	$/kW	0.0304
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Non-RPP Customers	$/kWh	0.00281
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kW	(0.467580)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kW	(0.834788)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kW	(0.04082)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kW	(0.07711)
Retail Transmission Rate – Network Service Rate	$/kW	3.2927
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	2.1984

MONTHLY RATES AND CHARGES – Regulatory Component

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

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STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation 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.

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

MONTHLY RATES AND CHARGES – Delivery Component – Approved on an Interim Basis

Service Charge	$	126.36
Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility):		
General Service 50 to 1,499 kW customer	$/kW	1.6865
General Service 1,500 to 4,999 kW customer	$/kW	1.5469
General Service Large Use customer	$/kW	1.7166

Hydro Ottawa Limited
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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. 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.

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	4.42
Distribution Volumetric Rate	$/kWh	0.0219
Low Voltage Service Rate	$/kWh	0.00006
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kWh	(0.000845)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kWh	(0.001509)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kWh	(0.00004)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kWh	(0.00044)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0069
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0045

MONTHLY RATES AND CHARGES – Regulatory Component

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

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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	2.98
Distribution Volumetric Rate	$/kW	11.3998
Low Voltage Service Rate	$/kW	0.01877
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kW	(0.187879)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kW	(0.335428)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kW	0.00393
Retail Transmission Rate – Network Service Rate	$/kW	2.1118
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.3570

MONTHLY RATES AND CHARGES – Regulatory Component

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

Hydro Ottawa Limited
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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 Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	0.75
Distribution Volumetric Rate	$/kW	5.3171
Low Voltage Service Rate	$/kW	0.01916
Rate Rider for Disposition of Global Adjustment Account (2016) – effective until December 31, 2016 Applicable only for Non-RPP Customers	$/kWh	0.00281
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016	$/kW	(0.299010)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until December 31, 2016 Applicable only for Non-Wholesale Market Participants	$/kW	(0.533834)
Rate Rider for Disposition of Group 2 Accounts (2016) – effective until December 31, 2016	$/kW	(0.02585)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism (LRAM) Costs – effective until December 31, 2016	$/kW	(0.24051)
Retail Transmission Rate – Network Service Rate	$/kW	2.1225
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.3853

MONTHLY RATES AND CHARGES – Regulatory Component

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

Hydro Ottawa Limited
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microFIT 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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	18.00

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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.

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

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	119.00

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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.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	259.00

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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 Debt Retirement Charge, the Global Adjustment and the HST.

Customer Administration		
Arrears Certificate	$	15.00
Duplicate invoices for previous billing	$	15.00
Special Billing Service – per hour (minimum 1 hour, 15 min. incremental billing thereafter)	$	95.00
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 – during 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	$	347.00
High Bill Investigation – If Billing is Correct	$	213.00
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	$	797.00
Temporary Service install & remove – underground – no transformer	$	1,156.00
Temporary Service install & remove – overhead – with transformer	$	2,840.00
Specific Charge for Access to the Power Poles – per pole/year	$	53.00
Energy Resource Facility Administration Charge – Without Account Set Up (One Time)	$	127.00
Energy Resource Facility Administration Charge – With Account Set Up (One Time)	$	157.00
Dry core transformer distribution charge	As per Attached Table	

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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

EB-2015-0004

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

Retail Service Charges refer to services provided by 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	$	117.00
Monthly Fixed Charge, per retailer	$	24.00
Monthly Variable Charge, per customer, per retailer	$/cust.	0.60
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.35
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.35)
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

Hydro Ottawa Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2016

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EB-2015-0004

Dry Core Transformer Charges

Transformers	No Load Loss (W)	Load Loss (W)	Cost of Transmission and LV per kW	Cost of Energy and Wholesale Market per kWh**	Total Monthly cost of power	Cost of Distribution per kW	Total
Rates			$5.0613	$0.1204		$3.7330	
25 kVA 1 PH, 1.2 kV BIL	150	900	$0.81	$10.95	$11.76	$0.60	$12.36
37.5 kVA 1 PH, 1.2 kV BIL	200	1200	$1.08	$14.59	$15.68	$0.80	$16.48
50 kVA 1 PH, 1.2 kV BIL	250	1600	$1.38	$18.36	$19.74	$1.02	$20.76
75 kVA 1 PH, 1.2 kV BIL	350	1900	$1.84	$25.31	$27.15	$1.36	$28.51
100 kVA 1 PH, 1.2 kV BIL	400	2600	$2.22	$29.42	$31.65	$1.64	$33.29
150 kVA 1 PH, 1.2 kV BIL	525	3500	$2.94	$38.72	$41.66	$2.17	$43.83
167 kVA 1 PH, 1.2 kV BIL	650	4400	$3.66	$48.02	$51.68	$2.70	$54.38
200 kVA 1 PH, 1.2 kV BIL	696	4700	$3.92	$51.40	$55.32	$2.89	$58.21
225 kVA 1 PH, 1.2 kV BIL	748	5050	$4.21	$55.24	$59.45	$3.10	$62.55
250 kVA 1 PH, 1.2 kV BIL	800	5400	$4.50	$59.08	$63.58	$3.32	$66.90
*15 kVA 3 PH, 1.2 kV BIL	125	650	$0.65	$9.00	$9.65	$0.48	$10.13
*45 kVA 3 PH, 1.2 kV BIL	300	1800	$1.63	$21.89	$23.52	$1.20	$24.72
*75 kVA 3 PH, 1.2 kV BIL	400	2400	$2.17	$29.19	$31.36	$1.60	$32.96
*112.5 kVA 3 PH, 1.2 kV BIL	600	3400	$3.20	$43.55	$46.75	$2.36	$49.11
*150 kVA 3 PH, 1.2 kV BIL	700	4500	$3.88	$51.43	$55.31	$2.86	$58.17
*225 kVA 3 PH, 1.2 kV BIL	900	5300	$4.85	$65.56	$70.41	$3.58	$73.99
*300 kVA 3 PH, 1.2 kV BIL	1100	6300	$5.88	$79.92	$85.80	$4.34	$90.14
*500 kVA 3 PH, 95 kV BIL	2400	7600	$11.17	$167.16	$178.33	$8.24	$186.57
*750 kVA 3 PH, 95 kV BIL	3000	12000	$14.64	$211.89	$226.53	$10.80	$237.32
*1000 kVA 3 PH, 95 kV BIL	3400	13000	$16.43	$239.43	$255.86	$12.12	$267.98
*1500 kVA 3 PH, 95 kV BIL	4500	18000	$21.96	$317.83	$339.79	$16.20	$355.99
*2000 kVA 3 PH, 95 kV BIL	5400	21000	$26.19	$380.69	$406.88	$19.32	$426.20
*2500 kVA 3 PH, 95 kV BIL	6500	25000	$31.45	$457.91	$489.36	$23.20	$512.56
*3000 kVA 3 PH, 95 kV BIL	7700	29000	$37.09	$541.73	$578.82	$27.35	$606.17
*3750 kVA 3 PH, 95 kV BIL	9500	35000	$45.55	$667.45	$713.00	$33.59	$746.60
*5000 kVA 3 PH, 95 kV BIL	11000	39000	$52.33	$771.05	$823.38	$38.59	$861.97

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

* For non-preferred kVA ratings, no load and load losses are interpolated as per CSA standard
** Cost of Energy and Wholesale Market per kWh contains November 1, 2015 RPP Tiered Pricing, WMSR and OESP pricing to be effective January 1, 2016

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

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. 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 Board, and amendments thereto as approved by the 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 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 Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	16.60
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	$	0.79
Distribution Volumetric Rate	$/kWh	0.0151
Low Voltage Service Rate	$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0047
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kWh	(0.0023)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	$	0.02
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2017 - Applicable only for Non-RPP Customers	$/kWh	(0.0021)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural Rate Protection Charge	$/kWh	0.0013
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
Effective and Implementation Date January 1, 2017

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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:

“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)

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

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

Class D

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

OESP Credit	$	(42.00)

Class E

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

OESP Credit	$	(45.00)

Class F

(a) account-holders with a household income of $28,000 or less living in a household of six or more persons;
(b) account-holders with a household income of between $28,001 and $39,000 living in a household of seven or more persons; or
(c) account-holders with a household income and household size described under Class B who also meet any of the 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

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class Fwho 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

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. 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 Board, and amendments thereto as approved by the 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 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 Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

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
Retail Transmission Rate - Network Service Rate	$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kWh	(0.0023)
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2017 - Applicable only for Non-RPP Customers	$/kWh	(0.0021)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural Rate Protection Charge	$/kWh	0.0013
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
Effective and Implementation Date January 1, 2017

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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. 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 Board, and amendments thereto as approved by the 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 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 Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	200.00
Distribution Volumetric Rate	$/kW	4.3245
Low Voltage Service Rate	$/kW	0.02632
Retail Transmission Rate - Network Service Rate	$/kW	2.8016
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8174
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	$/kW	0.0117
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kW	(0.9869)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	$/kW	0.0129
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2017 - Applicable only for Non-RPP Customers	$/kWh	(0.0021)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural Rate Protection Charge	$/kWh	0.0013
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
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. 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 Board, and amendments thereto as approved by the 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 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 Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	4,193.93
Distribution Volumetric Rate	$/kW	3.9181
Low Voltage Service Rate	$/kW	0.02813
Retail Transmission Rate - Network Service Rate	$/kW	2.9089
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.9423
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	$/kW	0.0130
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kW	(1.0876)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	$/kW	0.0143
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2017 - Applicable only for Non-RPP and Class B Customers	$/kWh	(0.0021)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural Rate Protection Charge	$/kWh	0.0013
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
Effective and Implementation Date January 1, 2017

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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. 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 Board, and amendments thereto as approved by the 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 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 Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	15,231.32
Distribution Volumetric Rate	$/kW	3.7199
Low Voltage Service Rate	$/kW	0.03168
Retail Transmission Rate - Network Service Rate	$/kW	3.2246
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.1873
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	$/kW	0.0154
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kW	(1.2969)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	$/kW	0.0170
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2017 - Applicable only for Non-RPP and Class B Customers	$/kWh	(0.0021)

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0036
Rural Rate Protection Charge	$/kWh	0.0013
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
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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. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

APPLICATION

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	4.60
Distribution Volumetric Rate	$/kWh	0.0226
Low Voltage Service Rate	$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0045
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kWh	(0.0023)
Rate Rider Calculation for WMS - Sub-account CBR Class B	$/kWh	0.00027

MONTHLY RATES AND CHARGES - Regulatory Component

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

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STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component - Load Displacement

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

MONTHLY RATES AND CHARGES - Delivery Component - Reliability

General Service 50 to 1,4999 kW customer	$	200.00
General Service 1,500 to 4,999 kW customer	$	4,193.93
General Service Large User kW customer	$	15,231.32

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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit 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
Retail Transmission Rate - Network Service Rate	$/kW	2.0681
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.3501
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	$/kW	0.0062
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kW	(0.5211)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	$/kW	0.0068
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027

MONTHLY RATES AND CHARGES - Regulatory Component

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

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STREET LIGHTING SERVICE CLASSIFICATION

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. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	0.80
Distribution Volumetric Rate	$/kW	5.6501
Low Voltage Service Rate	$/kW	0.01996
Retail Transmission Rate - Network Service Rate	$/kW	2.0786
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.3783
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2017	$/kW	0.0099
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2017	$/kW	(0.8313)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2017	$/kW	0.0109
Rate Rider Calculation for WMS - Sub-account CBR Class B - effective until December 31, 2017	$/kWh	0.00027
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2017 - Applicable only for Non-RPP Customers	$/kWh	(0.0021)

MONTHLY RATES AND CHARGES - Regulatory Component

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

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Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	18.00

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FIT SERVICE CLASSIFICATION

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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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	121.00

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HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	264.00

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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 Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the Board, or as specified herein.

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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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RETAIL SERVICE CHARGES (if applicable)

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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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Dry Core Transformer Charges

Transformers	No Load Loss (W)	Load Loss (W)	Cost of Transmission and LV per kW	Cost of Energy and Wholesale Market per kWh**	Total Monthly cost of power	Cost of Distribution 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

*For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

** 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

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 2017 load and customer numbers. Rather than updating for 2016 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.

Table 1 – Revenue per Rate Class and Reconciliation to 2017 Revenue Requirement

Rate Class	Average # Customers/ Connections	2017 Consumption		2015 Rates		Revenues at 2015 Rates (000)	Transformer Allowance Credit (000)	Difference (000)
		MWh	KW	Monthly Service Charge	Volumetric Rate (kWh/KW)			
Residential	301,258	2,198,259		$ 9.67	$ 0.0234	$ 86,397		$ 86,397
GS < 50 kW	24,626	716,896		$ 16.72	$ 0.0210	$ 19,996		$ 19,996
GS > 50 to 1,999 kW	3,323	2,907,445	6,909,640	$ 260.82	$ 3.5691	$ 35,059	$ 777	$ 34,281
GS > 1,5000 to 4,999 kW	76	877,400	1,877,691	$ 4,193.93	$ 3.4887	$ 10,376	$ 211	$ 10,164
Large Use	11	619,253	1,119,726	$ 15,231.32	$ 3.3129	$ 5,720	$ 126	$ 5,594
Street Lighting	55,516	43,653	123,144	$ 0.57	$ 3.9997	$ 872		$ 872
Sentinel Lighting	51	48	216	$ 2.62	$ 10.0361	$ 4		$ 4
Unmetered Scattered Load	3,525	16,690		$ 4.43	$ 0.0219	$ 553		$ 553
Standby Power	2		4,800	$ 122.41	$ 1.4985	$ 10		$ 10
Revenue						$ 158,986	$ 1,114	$ 157,872

Other Revenue (000)	$ 11,337
Total Revenue (000)	$ 169,209
2017 Revenue Requirement (000)	$ 182,069
2017 Revenue Deficiency (000)	**$ 12,860**

Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and volumetric 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*

	Customer and Load Forecast					Class Allocated Revenues			Fixed / Variable Splits [2]		
						From Sheet 11. Cost Allocation and Sheet 12. Residential Rate Design			Percentage to be entered as a fraction between 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 [1] ($)
1	Residential	kWh	301,258	2,198,259,000	-	$ 93,241,643	$ 60,010,594	$ 33,231,050	64.36%	35.64%	$ -
2	GS < 50 kW	kWh	24,626	716,896,000	-	$ 21,581,215	$ 5,286,710	$ 16,294,506	24.50%	75.50%	$ -
3	GS > 50 to 1,499 kW	kW	3,323	2,907,445,000	6,908,640	$ 37,074,049	$ 7,975,200	$ 29,098,849	21.51%	78.49%	$ 777,222
4	GS > 1,500 to 4,999 kW	kW	76	877,400,000	1,877,691	$ 10,970,520	$ 3,824,864	$ 7,145,656	34.86%	65.14%	$ 211,240
5	Large Use	kW	11	619,253,000	1,119,726	$ 6,049,818	$ 2,010,534	$ 4,039,284	33.23%	66.77%	$ 125,969
6	Streetlighting	kW	55,516	43,653,000	123,144	$ 1,228,726	$ 532,954	$ 695,772	43.37%	56.63%	$ -
7	Sentinel Lighting	kW	51	48,000	216	$ 4,513	$ 1,860	$ 2,652	41.23%	58.77%	$ -
8	Unmetered Scattered Load	kWh	3,525	16,690,000	-	$ 571,198	$ 194,580	$ 376,618	34.07%	65.93%	$ -
9	Standby Power	kW	2	-	4,800	$ 10,956	$ 3,177	$ 7,779	29.00%	71.00%	$ -
#			-	-	-						
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Total Transformer Ownership Allowance: $ 1,114,431

		Distribution Rates					Revenue Reconciliation		
		Monthly Service Charge		Volumetric Rate					
	Customer Class	Rate	No. of decimals	Rate		No. of decimals	MSC Revenues	Volumetric revenues	Distribution Revenues less Transformer Ownership
1	Residential	$16.60	2	$0.0151	/kWh	4	$60,010,593.60	##############	$ 93,204,304.50
2	GS < 50 kW	$17.89		$0.0227	/kWh		$ 5,286,709.68	##############	$ 21,560,248.88
3	GS > 50 to 1,499 kW	$200.00		$4.3245	/kW		$ 7,975,200.00	##############	$ 37,074,391.68
4	GS > 1,500 to 4,999 kW	$4,193.93		$3.9181	/kW		$ 3,824,864.16	$ 7,356,981.1071	$ 10,970,605.03
5	Large Use	$15,231.32		$3.7199	/kW		$ 2,010,534.24	$ 4,165,268.7474	$ 6,049,833.81
6	Streetlighting	$0.80		$5.6501	/kW		$ 532,953.60	$ 695,775.9144	$ 1,228,729.51
7	Sentinel Lighting	$3.04		$12.2794	/kW		$ 1,860.48	$ 2,652.3504	$ 4,512.83
8	Unmetered Scattered Load	$4.60		$0.0226	/kWh		$ 194,580.00	$ 377,194.0000	$ 571,774.00
9	Standby Power	$132.38		$1.6206	/kW		$ 3,177.12	$ 7,778.8800	$ 10,956.00
#							$ -	$ -	$ -
#							$ -	$ -	$ -
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#							$ -	$ -	$ -
#							$ -	$ -	$ -
#							$ -	$ -	$ -

Total Distribution Revenues	$ 170,675,356.24
Base Revenue Requirement	$ 170,732,638.39
Difference	-$ 57,282.15
% Difference	-0.034%

Rates recover revenue requirement

Notes:

[1] Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

[2] 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 calculated as: [MSC x (average number of customers or connections) x 12 months] / (Class Allocated Revenue Requirement).

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 used last year's model Appendix 2-W to illustrate the bill impacts for each rate class. Hydro Ottawa does not intend to update bill impacts using the OEB's model released August 12, 2016.

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 additional bill impacts are provided in Attachment 8-12(A) which are not shown on the summary table. For Hydro Ottawa's 2016 to 2017 bill impacts, please note that the Debt Retirement Charge ("DRC") ended effective January 1, 2016 for Residential Rate Classes. The Ontario Clean Energy Benefit ("OCEB") also ended effective January 1, 2016 for all rate classes.

Table 1 – Summary of Rate Impacts

Rate Class		2016 Approved	2017 Proposed
Residential (800 kWh)	**Distribution Charge**	$28.40	$28.68
	Change in Distribution Charge		$0.28
	% Distribution Increase		0.99%
	% Increase of Total Bill		0.00%
Residential (750 kWh)	**Distribution Charge**	$27.44	$27.93
	Change in Distribution Charge		$0.49
	% Distribution Increase		1.79%
	% Increase of Total Bill		0.16%

Rate Class		2016 Approved	2017 Proposed
Residential (640 kWh)	Distribution Charge	$25.31	$26.26
	Change in Distribution Charge		$0.95
	% Distribution Increase		3.76%
	% Increase of Total Bill		0.60%
Residential (232 kWh)	Distribution Charge	$17.44	$20.10
	Change in Distribution Charge		$2.67
	% Distribution Increase		15.29%
	% Increase of Total Bill		4.80%
General Service <50kW (2000 kWh)	Distribution Charge	$60.43	$63.29
	Change in Distribution Charge		$2.86
	% Distribution Increase		4.73%
	% Increase of Total Bill		0.80%
General Service 50-1,499 kWh (250 KW)	Distribution Charge	$1,217.65	$1,281.13
	Change in Distribution Charge		$63.48
	% Distribution Increase		5.21%
	% Increase of Total Bill		-2.72%
General Service 1,500-4,999 kWh (2500 KW)	Distribution Charge	$13,329.18	$13,989.18
	Change in Distribution Charge		$660.00
	% Distribution Increase		4.95%
	% Increase of Total Bill		-2.66%
Large Use (7500 KW)	Distribution Charge	$41,287.82	$43,103.57
	Change in Distribution Charge		$1,842.75
	% Distribution Increase		4.46%
	% Increase of Total Bill		-2.76%
Sentinel Lighting (0.4KW)	Distribution Charge	$7.54	$7.95
	Change in Distribution Charge		$0.41
	% Distribution Increase		5.46%
	% Increase of Total Bill		2.01%
Street Lighting (1 KW)	Distribution Charge	$6.07	$6.45
	Change in Distribution Charge		$0.38
	% Distribution Increase		6.31%
	% Increase of Total Bill		-0.26%
Unmetered Scattered Load (470 kWh)	Distribution Charge	$14.71	$15.22
	Change in Distribution Charge		$0.51
	% Distribution Increase		3.46%
	% Increase of Total Bill		1.06%

◉ May 1 - ○ November 1 - April 30 (Select this

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 100 **kWh**

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	100	$ 1.93	$ 0.0151	100	$ 1.51	-$ 0.42	-21.76%
Smart Meter Disposition Rider			100	$ -		100	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	100	-$ 0.00	$ -	100	$ -	$ 0.00	-100.00%
			100	$ -		100	$ -	$ -	
			100	$ -		100	$ -	$ -	
			100	$ -		100	$ -	$ -	
			100	$ -		100	$ -	$ -	
			100	$ -		100	$ -	$ -	
			100	$ -		100	$ -	$ -	
			100	$ -		100	$ -	$ -	
Sub-Total A (excluding pass through)				$ 14.89			$ 18.11	**$ 3.22**	**21.64%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.000826	100	-$ 0.08	-$ 0.0001	100	-$ 0.01	$ 0.07	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	100	-$ 0.15	-$ 0.0023	100	-$ 0.23	-$ 0.08	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	100	$ -	$ 0.000270	100	$ 0.03	$ 0.03	
Low Voltage Service Charge	per kWh	$ 0.00007	103	$ 0.01	$ 0.00007	103	$ 0.01	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	3	$ 0.37	$ 0.1114	3	$ 0.37	$ -	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)				**$ 16.14**			**$ 19.09**	**$ 2.94**	**18.23%**
RTSR - Network	per kWh	$ 0.0076	103	$ 0.79	$ 0.0074	103	$ 0.76	-$ 0.02	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	103	$ 0.49	$ 0.0047	103	$ 0.49	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 17.42**			**$ 20.34**	**$ 2.92**	**16.78%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	103	$ 0.37	$ 0.0036	103	$ 0.37	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	103	$ 0.13	$ 0.0013	103	$ 0.13	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	103	$ 0.11	$ 0.0011	103	$ 0.11		
TOU - Off Peak		$ 0.0870	65	$ 5.66	$ 0.0870	65	$ 5.66	$ -	0.00%
TOU - Mid Peak		$ 0.1320	17	$ 2.24	$ 0.1320	17	$ 2.24	$ -	0.00%
TOU - On Peak		$ 0.1800	18	$ 3.24	$ 0.1800	18	$ 3.24	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	100	$ 10.30	$ 0.1030	100	$ 10.30	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 29.43**			**$ 32.35**	**$ 2.92**	**9.93%**
HST		13%		$ 3.83	13%		$ 4.21	$ 0.38	9.93%
Total Bill (including HST)				**$ 33.25**			**$ 36.55**	**$ 3.30**	**9.93%**
Total Bill on RPP (before Taxes)				**$ 28.47**			**$ 31.39**	**$ 2.92**	**10.26%**
HST		13%		$ 3.70	13%		$ 4.08	$ 0.38	10.26%
Total Bill (including HST)				**$ 32.17**			**$ 35.48**	**$ 3.30**	**10.26%**
Loss Factor (%)		3.3500%			3.3500%				

(●) May 1 - ( ) November 1 - April 30 (Select this

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 232 **kWh**

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	232	$ 4.48	$ 0.0151	232	$ 3.50	-$ 0.97	-21.76%
Smart Meter Disposition Rider			232	$ -		232	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	232	-$ 0.00	$ -	232	$ -	$ 0.00	-100.00%
			232	$ -		232	$ -	$ -	
			232	$ -		232	$ -	$ -	
			232	$ -		232	$ -	$ -	
			232	$ -		232	$ -	$ -	
			232	$ -		232	$ -	$ -	
			232	$ -		232	$ -	$ -	
			232	$ -		232	$ -	$ -	
Sub-Total A (excluding pass through)				$ 17.43			$ 20.10	**$ 2.67**	**15.32%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	232	-$ 0.19	-$ 0.0001	232	-$ 0.02	$ 0.17	-87.89%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	232	-$ 0.35	-$ 0.0023	232	-$ 0.53	-$ 0.18	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	232	$ -	$ 0.000270	232	$ 0.06	$ 0.06	
Low Voltage Service Charge	per kWh	$ 0.00007	240	$ 0.02	$ 0.00007	240	$ 0.02	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	8	$ 0.87	$ 0.1114	8	$ 0.87	$ -	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)				**$ 18.88**			**$ 21.30**	**$ 2.42**	**12.80%**
RTSR - Network	per kWh	$ 0.0076	240	$ 1.82	$ 0.0074	240	$ 1.77	-$ 0.05	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	240	$ 1.13	$ 0.0047	240	$ 1.13	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 21.83**			**$ 24.20**	**$ 2.37**	**10.85%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	240	$ 0.86	$ 0.0036	240	$ 0.86	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	240	$ 0.31	$ 0.0013	240	$ 0.31	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	240	$ 0.26	$ 0.0011	240	$ 0.26		
TOU - Off Peak		$ 0.0870	151	$ 13.12	$ 0.0870	151	$ 13.12	$ -	0.00%
TOU - Mid Peak		$ 0.1320	39	$ 5.21	$ 0.1320	39	$ 5.21	$ -	0.00%
TOU - On Peak		$ 0.1800	42	$ 7.52	$ 0.1800	42	$ 7.52	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	232	$ 23.90	$ 0.1030	232	$ 23.90	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 49.36**			**$ 51.73**	**$ 2.37**	**4.80%**
HST		13%		$ 6.42	13%		$ 6.73	$ 0.31	4.80%
Total Bill (including HST)				**$ 55.78**			**$ 58.46**	**$ 2.68**	**4.80%**
Total Bill on RPP (before Taxes)				**$ 47.42**			**$ 49.79**	**$ 2.37**	**5.00%**
HST		13%		$ 6.16	13%		$ 6.47	$ 0.31	5.00%
Total Bill (including HST)				**$ 53.58**			**$ 56.26**	**$ 2.68**	**5.00%**
Loss Factor (%)		3.3500%			3.3500%				

(●) May 1 - (○) November 1 - April 30 (Select this

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 250 kWh

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	250	$ 4.83	$ 0.0151	250	$ 3.78	-$ 1.05	-21.76%
Smart Meter Disposition Rider			250	$ -		250	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	250	-$ 0.01	$ -	250	$ -	$ 0.01	-100.00%
			250	$ -		250	$ -	$ -	
			250	$ -		250	$ -	$ -	
			250	$ -		250	$ -	$ -	
			250	$ -		250	$ -	$ -	
			250	$ -		250	$ -	$ -	
			250	$ -		250	$ -	$ -	
			250	$ -		250	$ -	$ -	
Sub-Total A (excluding pass through)				$ 17.78			$ 20.38	**$ 2.60**	**14.60%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	250	-$ 0.21	-$ 0.0001	250	-$ 0.03	$ 0.18	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	250	-$ 0.38	-$ 0.0023	250	-$ 0.58	-$ 0.20	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	250	$ -	$ 0.000270	250	$ 0.07	$ 0.07	
Low Voltage Service Charge	per kWh	$ 0.00007	258	$ 0.02	$ 0.00007	258	$ 0.02	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	8	$ 0.93	$ 0.1114	8	$ 0.93	$ -	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)				**$ 19.26**			**$ 21.60**	**$ 2.35**	**12.18%**
RTSR - Network	per kWh	$ 0.0076	258	$ 1.96	$ 0.0074	258	$ 1.91	-$ 0.05	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	258	$ 1.21	$ 0.0047	258	$ 1.21	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 22.44**			**$ 24.73**	**$ 2.29**	**10.23%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	258	$ 0.93	$ 0.0036	258	$ 0.93	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	258	$ 0.34	$ 0.0013	258	$ 0.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	258	$ 0.28	$ 0.0011	258	$ 0.28	$ -	0.00%
TOU - Off Peak		$ 0.0870	163	$ 14.14	$ 0.0870	163	$ 14.14	$ -	0.00%
TOU - Mid Peak		$ 0.1320	43	$ 5.61	$ 0.1320	43	$ 5.61	$ -	0.00%
TOU - On Peak		$ 0.1800	45	$ 8.10	$ 0.1800	45	$ 8.10	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	250	$ 25.75	$ 0.1030	250	$ 25.75	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 52.08**			**$ 54.38**	**$ 2.29**	**4.41%**
HST		13%		$ 6.77	13%		$ 7.07	$ 0.30	4.41%
Total Bill (including HST)				**$ 58.85**			**$ 61.45**	**$ 2.59**	**4.41%**
Total Bill on RPP (before Taxes)				**$ 49.99**			**$ 52.28**	**$ 2.29**	**4.59%**
HST		13%		$ 6.50	13%		$ 6.80	$ 0.30	4.59%
Total Bill (including HST)				**$ 56.48**			**$ 59.08**	**$ 2.59**	**4.59%**

Loss Factor (%) 3.3500% 3.3500%

( ) May 1 - (•) November 1 - April 30 (Select this

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 500 kWh

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	500	$ 9.65	$ 0.0151	500	$ 7.55	-$ 2.10	-21.76%
Smart Meter Disposition Rider			500	$ -		500	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	500	-$ 0.01	$ -	500	$ -	$ 0.01	-100.00%
			500	$ -		500	$ -	$ -	
			500	$ -		500	$ -	$ -	
			500	$ -		500	$ -	$ -	
			500	$ -		500	$ -	$ -	
			500	$ -		500	$ -	$ -	
			500	$ -		500	$ -	$ -	
			500	$ -		500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 22.60			$ 24.15	**$ 1.55**	**6.86%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	500	-$ 0.41	-$ 0.0001	500	-$ 0.05	$ 0.36	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	500	-$ 0.75	-$ 0.0023	500	-$ 1.15	-$ 0.40	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	500	$ -	$ 0.000270	500	$ 0.14	$ 0.14	
Low Voltage Service Charge	per kWh	$ 0.00007	517	$ 0.04	$ 0.00007	517	$ 0.04	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	17	$ 1.87	$ 0.1114	17	$ 1.87	$ -	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)				**$ 24.44**			**$ 25.80**	**$ 1.35**	**5.53%**
RTSR - Network	per kWh	$ 0.0076	517	$ 3.93	$ 0.0074	517	$ 3.82	-$ 0.10	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	517	$ 2.43	$ 0.0047	517	$ 2.43	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 30.80**			**$ 32.05**	**$ 1.25**	**4.06%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	517	$ 1.86	$ 0.0036	517	$ 1.86	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	517	$ 0.67	$ 0.0013	517	$ 0.67	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	517	$ 0.57	$ 0.0011	517	$ 0.57		
TOU - Off Peak		$ 0.0870	325	$ 28.28	$ 0.0870	325	$ 28.28	$ -	0.00%
TOU - Mid Peak		$ 0.1320	85	$ 11.22	$ 0.1320	85	$ 11.22	$ -	0.00%
TOU - On Peak		$ 0.1800	90	$ 16.20	$ 0.1800	90	$ 16.20	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	500	$ 51.50	$ 0.1030	500	$ 51.50	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 89.85**			**$ 91.10**	**$ 1.25**	**1.39%**
HST		13%		$ 11.68	13%		$ 11.84	$ 0.16	1.39%
Total Bill (including HST)				**$ 101.53**			**$ 102.94**	**$ 1.41**	**1.39%**
Total Bill on RPP (before Taxes)				**$ 85.65**			**$ 86.90**	**$ 1.25**	**1.46%**
HST		13%		$ 11.13	13%		$ 11.30	$ 0.16	1.46%
Total Bill (including HST)				**$ 96.79**			**$ 98.20**	**$ 1.41**	**1.46%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 640 kWh (●) May 1 - October 31 ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	640	$ 12.35	$ 0.0151	640	$ 9.66	-$ 2.69	-21.76%
Smart Meter Disposition Rider			640	$ -		640	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.0000	640	-$ 0.01	$ -	640	$ -	$ 0.01	-100.00%
			640	$ -		640	$ -	$ -	
			640	$ -		640	$ -	$ -	
			640	$ -		640	$ -	$ -	
			640	$ -		640	$ -	$ -	
			640	$ -		640	$ -	$ -	
			640	$ -		640	$ -	$ -	
			640	$ -		640	$ -	$ -	
Sub-Total A (excluding pass through)				$ 25.30			$ 26.26	**$ 0.96**	**3.81%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	640	-$ 0.53	-$ 0.0001	640	-$ 0.06	$ 0.46	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	640	-$ 0.97	-$ 0.0023	640	-$ 1.47	-$ 0.51	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	640	$ -	$ 0.000270	640	$ 0.17	$ 0.17	
Low Voltage Service Charge	per kWh	$ 0.00007	661	$ 0.05	$ 0.00007	661	$ 0.05	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	21	$ 2.39	$ 0.1114	21	$ 2.39	$ -	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)				**$ 27.35**			**$ 28.15**	**$ 0.80**	**2.91%**
RTSR - Network	per kWh	$ 0.0076	661	$ 5.03	$ 0.0074	661	$ 4.89	-$ 0.13	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	661	$ 3.11	$ 0.0047	661	$ 3.11	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 35.49**			**$ 36.15**	**$ 0.66**	**1.87%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	661	$ 2.38	$ 0.0036	661	$ 2.38	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	661	$ 0.86	$ 0.0013	661	$ 0.86	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	661	$ 0.73	$ 0.0011	661	$ 0.73		
TOU - Off Peak		$ 0.0870	416	$ 36.19	$ 0.0870	416	$ 36.19	$ -	0.00%
TOU - Mid Peak		$ 0.1320	109	$ 14.36	$ 0.1320	109	$ 14.36	$ -	0.00%
TOU - On Peak		$ 0.1800	115	$ 20.74	$ 0.1800	115	$ 20.74	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	600	$ 61.80	$ 0.1030	600	$ 61.80	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	40	$ 4.84	$ 0.1210	40	$ 4.84	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 110.99**			**$ 111.66**	**$ 0.66**	**0.60%**
HST		13%		$ 14.43	13%		$ 14.52	$ 0.09	0.60%
Total Bill (including HST)				**$ 125.42**			**$ 126.17**	**$ 0.75**	**0.60%**
Total Bill on RPP (before Taxes)				**$ 106.34**			**$ 107.01**	**$ 0.66**	**0.62%**
HST		13%		$ 13.82	13%		$ 13.91	$ 0.09	0.62%
Total Bill (including HST)				**$ 120.17**			**$ 120.92**	**$ 0.75**	**0.62%**
Loss Factor (%)		3.3500%			3.3500%				
Total Bill on TOU (before Taxes)				**$ 112.18**			**$ 113.17**	**$ 0.99**	**0.88%**
HST		13%		$ 14.58	13%		$ 14.71	$ 0.13	0.88%
Total Bill (including HST)				**$ 126.76**			**$ 127.89**	**$ 1.12**	**0.88%**

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

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

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	750	$ 14.48	$ 0.0151	750	$ 11.33	-$ 3.15	-21.76%
Smart Meter Disposition Rider			750	$ -		750	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.0000	750	-$ 0.02	$ -	750	$ -	$ 0.02	-100.00%
			750	$ -		750	$ -	$ -	
			750	$ -		750	$ -	$ -	
			750	$ -		750	$ -	$ -	
			750	$ -		750	$ -	$ -	
			750	$ -		750	$ -	$ -	
			750	$ -		750	$ -	$ -	
			750	$ -		750	$ -	$ -	
Sub-Total A (excluding pass through)				$ 27.42			$ 27.93	**$ 0.51**	**1.84%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	750	-$ 0.62	-$ 0.0001	750	-$ 0.08	$ 0.54	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	750	-$ 1.13	-$ 0.0023	750	-$ 1.73	-$ 0.59	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	750	$ -	$ 0.000270	750	$ 0.20	$ 0.20	
Low Voltage Service Charge	per kWh	$ 0.00007	775	$ 0.05	$ 0.00007	775	$ 0.05	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	25	$ 2.80	$ 0.1114	25	$ 2.80	$ -	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)				**$ 29.63**			**$ 29.99**	**$ 0.36**	**1.21%**
RTSR - Network	per kWh	$ 0.0076	775	$ 5.89	$ 0.0074	775	$ 5.74	-$ 0.16	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	775	$ 3.64	$ 0.0047	775	$ 3.64	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 39.17**			**$ 39.37**	**$ 0.20**	**0.52%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	775	$ 2.79	$ 0.0036	775	$ 2.79	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	775	$ 1.01	$ 0.0013	775	$ 1.01	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	775	$ 0.85	$ 0.0011	775	$ 0.85		
TOU - Off Peak		$ 0.0870	488	$ 42.41	$ 0.0870	488	$ 42.41	$ -	0.00%
TOU - Mid Peak		$ 0.1320	128	$ 16.83	$ 0.1320	128	$ 16.83	$ -	0.00%
TOU - On Peak		$ 0.1800	135	$ 24.30	$ 0.1800	135	$ 24.30	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	600	$ 61.80	$ 0.1030	600	$ 61.80	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	150	$ 18.15	$ 0.1210	150	$ 18.15	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 127.61**			**$ 127.81**	**$ 0.20**	**0.16%**
HST		13%		$ 16.59	13%		$ 16.62	$ 0.03	0.16%
Total Bill (including HST)				**$ 144.20**			**$ 144.43**	**$ 0.23**	**0.16%**
Total Bill on RPP (before Taxes)				**$ 124.02**			**$ 124.22**	**$ 0.20**	**0.16%**
HST		13%		$ 16.12	13%		$ 16.15	$ 0.03	0.16%
Total Bill (including HST)				**$ 140.14**			**$ 140.37**	**$ 0.23**	**0.16%**
Loss Factor (%)		3.3500%			3.3500%				
Total Bill on TOU (before Taxes)				**$ 129.06**			**$ 129.59**	**$ 0.54**	**0.42%**
HST		13%		$ 16.78	13%		$ 16.85	$ 0.07	0.42%
Total Bill (including HST)				**$ 145.83**			**$ 146.44**	**$ 0.61**	**0.42%**

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 800 kWh (●) May 1 - October 31 ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	800	$ 15.44	$ 0.0151	800	$ 12.08	-$ 3.36	-21.76%
Smart Meter Disposition Rider			800	$ -		800	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.0000	800	-$ 0.02	$ -	800	$ -	$ 0.02	-100.00%
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
			800	$ -		800	$ -	$ -	
Sub-Total A (excluding pass through)				$ 28.38			$ 28.68	**$ 0.30**	**1.04%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	800	-$ 0.66	-$ 0.0001	800	-$ 0.08	$ 0.58	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	800	-$ 1.21	-$ 0.0023	800	-$ 1.84	-$ 0.63	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	800	$ -	$ 0.000270	800	$ 0.22	$ 0.22	
Low Voltage Service Charge	per kWh	$ 0.00007	827	$ 0.06	$ 0.00007	827	$ 0.06	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	27	$ 2.99	$ 0.1114	27	$ 2.99	$ -	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)				**$ 30.67**			**$ 30.83**	**$ 0.16**	**0.52%**
RTSR - Network	per kWh	$ 0.0076	827	$ 6.28	$ 0.0074	827	$ 6.12	-$ 0.17	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	827	$ 3.89	$ 0.0047	827	$ 3.89	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 40.84**			**$ 40.83**	**-$ 0.01**	**-0.01%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	827	$ 2.98	$ 0.0036	827	$ 2.98	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	827	$ 1.07	$ 0.0013	827	$ 1.07	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	827	$ 0.91	$ 0.0011	827	$ 0.91		
TOU - Off Peak		$ 0.0870	520	$ 45.24	$ 0.0870	520	$ 45.24	$ -	0.00%
TOU - Mid Peak		$ 0.1320	136	$ 17.95	$ 0.1320	136	$ 17.95	$ -	0.00%
TOU - On Peak		$ 0.1800	144	$ 25.92	$ 0.1800	144	$ 25.92	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	600	$ 61.80	$ 0.1030	600	$ 61.80	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	200	$ 24.20	$ 0.1210	200	$ 24.20	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 135.16**			**$ 135.16**	**-$ 0.01**	**0.00%**
HST		13%		$ 17.57	13%		$ 17.57	-$ 0.00	0.00%
Total Bill (including HST)				**$ 152.73**			**$ 152.73**	**-$ 0.01**	**0.00%**
Total Bill on RPP (before Taxes)				**$ 132.05**			**$ 132.04**	**-$ 0.01**	**0.00%**
HST		13%		$ 17.17	13%		$ 17.17	-$ 0.00	0.00%
Total Bill (including HST)				**$ 149.22**			**$ 149.21**	**-$ 0.01**	**0.00%**
Loss Factor (%)		3.3500%			3.3500%				
Total Bill on TOU (before Taxes)				**$ 136.73**			**$ 137.06**	**$ 0.33**	**0.24%**
HST		13%		$ 17.77	13%		$ 17.82	$ 0.04	0.24%
Total Bill (including HST)				**$ 154.50**			**$ 154.87**	**$ 0.37**	**0.24%**

◉ May 1 - ○ November 1 - April 30 (Select this

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,000 **kWh**

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	1000	$ 19.30	$ 0.0151	1000	$ 15.10	-$ 4.20	-21.76%
Smart Meter Disposition Rider			1000	$ -		1000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	1000	-$ 0.02	$ -	1000	$ -	$ 0.02	-100.00%
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 32.24			$ 31.70	**-$ 0.54**	**-1.67%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	1000	-$ 0.83	-$ 0.0001	1000	-$ 0.10	$ 0.73	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	1000	-$ 1.51	-$ 0.0023	1000	-$ 2.30	-$ 0.79	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	1000	$ -	$ 0.000270	1000	$ 0.27	$ 0.27	
Low Voltage Service Charge	per kWh	$ 0.00007	1,034	$ 0.07	$ 0.00007	1,034	$ 0.07	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	34	$ 3.73	$ 0.1114	34	$ 3.73	$ -	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)				**$ 34.82**			**$ 34.18**	**-$ 0.63**	**-1.82%**
RTSR - Network	per kWh	$ 0.0076	1034	$ 7.85	$ 0.0074	1034	$ 7.65	-$ 0.21	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	1034	$ 4.86	$ 0.0047	1034	$ 4.86	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 47.53**			**$ 46.69**	**-$ 0.84**	**-1.77%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	1034	$ 3.72	$ 0.0036	1034	$ 3.72	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1034	$ 1.34	$ 0.0013	1034	$ 1.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	1034	$ 1.14	$ 0.0011	1034	$ 1.14		
TOU - Off Peak		$ 0.0870	650	$ 56.55	$ 0.0870	650	$ 56.55	$ -	0.00%
TOU - Mid Peak		$ 0.1320	170	$ 22.44	$ 0.1320	170	$ 22.44	$ -	0.00%
TOU - On Peak		$ 0.1800	180	$ 32.40	$ 0.1800	180	$ 32.40	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	600	$ 61.80	$ 0.1030	600	$ 61.80	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	400	$ 48.40	$ 0.1210	400	$ 48.40	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 165.37**			**$ 164.53**	**-$ 0.84**	**-0.51%**
HST		13%		$ 21.50	13%		$ 21.39	-$ 0.11	-0.51%
Total Bill (including HST)				**$ 186.87**			**$ 185.92**	**-$ 0.95**	**-0.51%**
Total Bill on RPP (before Taxes)				**$ 164.18**			**$ 163.34**	**-$ 0.84**	**-0.51%**
HST		13%		$ 21.34	13%		$ 21.23	-$ 0.11	-0.51%
Total Bill (including HST)				**$ 185.53**			**$ 184.57**	**-$ 0.95**	**-0.51%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

Consumption 1,500 kWh (●) May 1 - October 31 ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	1500	$ 28.95	$ 0.0151	1500	$ 22.65	-$ 6.30	-21.76%
Smart Meter Disposition Rider			1500	$ -		1500	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	1500	-$ 0.03	$ -	1500	$ -	$ 0.03	-100.00%
			1500	$ -		1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -	
			1500	$ -		1500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 41.88			$ 39.25	**-$ 2.63**	**-6.28%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	1500	-$ 1.24	-$ 0.0001	1500	-$ 0.15	$ 1.09	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.0200	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	1500	-$ 2.26	-$ 0.0023	1500	-$ 3.45	-$ 1.19	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	1500	$ -	$ 0.000270	1500	$ 0.41	$ 0.41	
Low Voltage Service Charge	per kWh	$ 0.00007	1,550	$ 0.11	$ 0.00007	1,550	$ 0.11	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	50	$ 5.60	$ 0.1114	50	$ 5.60	$ -	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)				**$ 45.19**			**$ 42.57**	**-$ 2.62**	**-5.80%**
RTSR - Network	per kWh	$ 0.0076	1550	$ 11.78	$ 0.0074	1550	$ 11.47	-$ 0.31	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	1550	$ 7.29	$ 0.0047	1550	$ 7.29	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 64.26**			**$ 61.33**	**-$ 2.93**	**-4.56%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	1550	$ 5.58	$ 0.0036	1550	$ 5.58	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1550	$ 2.02	$ 0.0013	1550	$ 2.02	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	1550	$ 1.71	$ 0.0011	1550	$ 1.71		
TOU - Off Peak		$ 0.0870	975	$ 84.83	$ 0.0870	975	$ 84.83	$ -	0.00%
TOU - Mid Peak		$ 0.1320	255	$ 33.66	$ 0.1320	255	$ 33.66	$ -	0.00%
TOU - On Peak		$ 0.1800	270	$ 48.60	$ 0.1800	270	$ 48.60	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	600	$ 61.80	$ 0.1030	600	$ 61.80	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	900	$ 108.90	$ 0.1210	900	$ 108.90	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 240.90**			**$ 237.97**	**-$ 2.93**	**-1.22%**
HST		13%		$ 31.32	13%		$ 30.94	-$ 0.38	-1.22%
Total Bill (including HST)				**$ 272.21**			**$ 268.90**	**-$ 3.31**	**-1.22%**
Total Bill on RPP (before Taxes)				**$ 244.51**			**$ 241.58**	**-$ 2.93**	**-1.20%**
HST		13%		$ 31.79	13%		$ 31.41	-$ 0.38	-1.20%
Total Bill (including HST)				**$ 276.30**			**$ 272.99**	**-$ 3.31**	**-1.20%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: Residential

TOU / non-TOU: TOU

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

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 12.9600	1	$ 12.96	$ 16.6000	1	$ 16.60	$ 3.64	28.09%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0193	2000	$ 38.60	$ 0.0151	2000	$ 30.20	-$ 8.40	-21.76%
Smart Meter Disposition Rider			2000	$ -		2000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.00002	2000	-$ 0.04	$ -	2000	$ -	$ 0.04	-100.00%
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 51.52			$ 46.80	**-$ 4.72**	**-9.16%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.0008	2000	-$ 1.65	-$ 0.0001	2000	-$ 0.20	$ 1.45	-87.89%
Deferral/Variance Account Disposition Rate Rider Group 2	Monthly	$ 0.3200	1	$ 0.32	$ 0.02	1	$ 0.02	-$ 0.30	-93.75%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	2000	-$ 3.02	-$ 0.0023	2000	-$ 4.60	-$ 1.58	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	2000	$ -	$ 0.000270	2000	$ 0.54	$ 0.54	
Low Voltage Service Charge	per kWh	$ 0.00007	2,067	$ 0.14	$ 0.00007	2,067	$ 0.14	$ -	0.00%
Line Losses on Cost of Power		$ 0.1114	67	$ 7.46	$ 0.1114	67	$ 7.46	$ -	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)				**$ 55.57**			**$ 50.96**	**-$ 4.61**	**-8.30%**
RTSR - Network	per kWh	$ 0.0076	2067	$ 15.71	$ 0.0074	2067	$ 15.30	-$ 0.41	-2.63%
RTSR - Line and Transformation Connection	per kWh	$ 0.0047	2067	$ 9.71	$ 0.0047	2067	$ 9.71	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 80.99**			**$ 75.97**	**-$ 5.02**	**-6.20%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	2067	$ 7.44	$ 0.0036	2067	$ 7.44	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	2067	$ 2.69	$ 0.0013	2067	$ 2.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	2067	$ 2.27	$ 0.0011	2067	$ 2.27		
TOU - Off Peak		$ 0.0870	1300	$ 113.10	$ 0.0870	1300	$ 113.10	$ -	0.00%
TOU - Mid Peak		$ 0.1320	340	$ 44.88	$ 0.1320	340	$ 44.88	$ -	0.00%
TOU - On Peak		$ 0.1800	360	$ 64.80	$ 0.1800	360	$ 64.80	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	600	$ 61.80	$ 0.1030	600	$ 61.80	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	1400	$ 169.40	$ 0.1210	1400	$ 169.40	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 316.42**			**$ 311.40**	**-$ 5.02**	**-1.59%**
HST		13%		$ 41.14	13%		$ 40.48	-$ 0.65	-1.59%
Total Bill (including HST)				**$ 357.56**			**$ 351.88**	**-$ 5.68**	**-1.59%**
Total Bill on RPP (before Taxes)				**$ 324.84**			**$ 319.82**	**-$ 5.02**	**-1.55%**
HST		13%		$ 42.23	13%		$ 41.58	-$ 0.65	-1.55%
Total Bill (including HST)				**$ 367.07**			**$ 361.40**	**-$ 5.68**	**-1.55%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

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

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 17.2300	1	$ 17.23	$ 17.8900	1	$ 17.89	$ 0.66	3.83%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0216	1000	$ 21.60	$ 0.0227	1000	$ 22.70	$ 1.10	5.09%
Smart Meter Disposition Rider			1000	$ -		1000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ 0.00023	1000	$ 0.23	$ -	1000	$ -	-$ 0.23	-100.00%
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
			1000	$ -		1000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 39.06			$ 40.59	**$ 1.53**	**3.92%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.00084	1000	-$ 0.84	$ -	1000	$ -	$ 0.84	-100.00%
Deferral/Variance Account Disposition Rate Rider Group 2	per kWh	$ 0.00007	1000	$ 0.07	$ -	1000	$ -	-$ 0.07	-100.00%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	1000	-$ 1.51	-$ 0.0023	1000	-$ 2.30	-$ 0.79	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	1000	$ -	$ 0.000270	1000	$ 0.27	$ 0.27	
Low Voltage Service Charge	per kWh	$ 0.00006	1,034	$ 0.06	$ 0.00007	1,034	$ 0.07	$ 0.01	16.67%
Line Losses on Cost of Power		$ 0.1114	34	$ 3.73	$ 0.1114	34	$ 3.73	$ -	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)				**$ 41.36**			**$ 43.15**	**$ 1.79**	**4.33%**
RTSR - Network	per kWh	$ 0.0069	1034	$ 7.13	$ 0.0068	1034	$ 7.03	-$ 0.10	-1.45%
RTSR - Line and Transformation Connection	per kWh	$ 0.0045	1034	$ 4.65	$ 0.0045	1034	$ 4.65	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 53.15**			**$ 54.83**	**$ 1.69**	**3.17%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	1034	$ 3.72	$ 0.0036	1034	$ 3.72	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1034	$ 1.34	$ 0.0013	1034	$ 1.34	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	1034	$ 1.14	$ 0.0011	1034	$ 1.14		
Debt Retirement Charge (DRC)		$ 0.0069	1000	$ 6.94	$ 0.0069	1000	$ 6.94	$ -	0.00%
TOU - Off Peak		$ 0.0870	650	$ 56.55	$ 0.0870	650	$ 56.55	$ -	0.00%
TOU - Mid Peak		$ 0.1320	170	$ 22.44	$ 0.1320	170	$ 22.44	$ -	0.00%
TOU - On Peak		$ 0.1800	180	$ 32.40	$ 0.1800	180	$ 32.40	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	250	$ 30.25	$ 0.1210	250	$ 30.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 177.93**			**$ 179.61**	**$ 1.69**	**0.95%**
HST		13%		$ 23.13	13%		$ 23.35	$ 0.22	0.95%
Total Bill (including HST)				**$ 201.06**			**$ 202.96**	**$ 1.91**	**0.95%**
Total Bill on RPP (before Taxes)				**$ 174.04**			**$ 175.72**	**$ 1.69**	**0.97%**
HST		13%		$ 22.62	13%		$ 22.84	$ 0.22	0.97%
Total Bill (including HST)				**$ 196.66**			**$ 198.57**	**$ 1.91**	**0.97%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

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

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 17.2300	1	$ 17.23	$ 17.8900	1	$ 17.89	$ 0.66	3.83%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0216	2000	$ 43.20	$ 0.0227	2000	$ 45.40	$ 2.20	5.09%
Smart Meter Disposition Rider			2000	$ -		2000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ 0.00023	2000	$ 0.46	$ -	2000	$ -	-$ 0.46	-100.00%
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
			2000	$ -		2000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 60.89			$ 63.29	**$ 2.40**	**3.94%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.00084	2000	-$ 1.68	$ -	2000	$ -	$ 1.68	-100.00%
Deferral/Variance Account Disposition Rate Rider Group 2	per kWh	$ 0.00007	2000	$ 0.14	$ -	2000	$ -	-$ 0.14	-100.00%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	2000	-$ 3.02	-$ 0.0023	2000	-$ 4.60	-$ 1.58	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	2000	$ -	$ 0.000270	2000	$ 0.54	$ 0.54	
Low Voltage Service Charge	per kWh	$ 0.00006	2,067	$ 0.12	$ 0.00007	2,067	$ 0.14	$ 0.02	16.67%
Line Losses on Cost of Power		$ 0.1114	67	$ 7.46	$ 0.1114	67	$ 7.46	$ -	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)				**$ 64.71**			**$ 67.63**	**$ 2.92**	**4.51%**
RTSR - Network	per kWh	$ 0.0069	2067	$ 14.26	$ 0.0068	2067	$ 14.06	-$ 0.21	-1.45%
RTSR - Line and Transformation Connection	per kWh	$ 0.0045	2067	$ 9.30	$ 0.0045	2067	$ 9.30	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 88.27**			**$ 90.98**	**$ 2.71**	**3.07%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	2067	$ 7.44	$ 0.0036	2067	$ 7.44	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	2067	$ 2.69	$ 0.0013	2067	$ 2.69	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	2067	$ 2.27	$ 0.0011	2067	$ 2.27		
Debt Retirement Charge (DRC)		$ 0.0069	2000	$ 13.88	$ 0.0069	2000	$ 13.88	$ -	0.00%
TOU - Off Peak		$ 0.0870	1300	$ 113.10	$ 0.0870	1300	$ 113.10	$ -	0.00%
TOU - Mid Peak		$ 0.1320	340	$ 44.88	$ 0.1320	340	$ 44.88	$ -	0.00%
TOU - On Peak		$ 0.1800	360	$ 64.80	$ 0.1800	360	$ 64.80	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	1250	$ 151.25	$ 0.1210	1250	$ 151.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 337.58**			**$ 340.30**	**$ 2.71**	**0.80%**
HST		13%		$ 43.89	13%		$ 44.24	$ 0.35	0.80%
Total Bill (including HST)				**$ 381.47**			**$ 384.54**	**$ 3.06**	**0.80%**
Total Bill on RPP (before Taxes)				**$ 343.30**			**$ 346.02**	**$ 2.71**	**0.79%**
HST		13%		$ 44.63	13%		$ 44.98	$ 0.35	0.79%
Total Bill (including HST)				**$ 387.93**			**$ 391.00**	**$ 3.06**	**0.79%**
Loss Factor (%)		3.3500%			3.3500%				

◉ May 1 - ○ November 1 - April 30 (Select this

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 5,000 **kWh**

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 17.2300	1	$ 17.23	$ 17.8900	1	$ 17.89	$ 0.66	3.83%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0216	5000	$ 108.00	$ 0.0227	5000	$ 113.50	$ 5.50	5.09%
Smart Meter Disposition Rider			5000	$ -		5000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ 0.00023	5000	$ 1.15	$ -	5000	$ -	-$ 1.15	-100.00%
			5000	$ -		5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -	
			5000	$ -		5000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 126.38			$ 131.39	**$ 5.01**	**3.96%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.00084	5000	-$ 4.20	$ -	5000	$ -	$ 4.20	-100.00%
Deferral/Variance Account Disposition Rate Rider Group 2	per kWh	$ 0.00007	5000	$ 0.35	$ -	5000	$ -	-$ 0.35	-100.00%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	5000	-$ 7.55	-$ 0.0023	5000	-$ 11.50	-$ 3.96	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	5000	$ -	$ 0.000270	5000	$ 1.35	$ 1.35	
Low Voltage Service Charge	per kWh	$ 0.00006	5,168	$ 0.31	$ 0.00007	5,168	$ 0.36	$ 0.05	16.67%
Line Losses on Cost of Power		$ 0.1114	168	$ 18.66	$ 0.1114	168	$ 18.66	$ -	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)				**$ 134.74**			**$ 141.05**	**$ 6.31**	**4.68%**
RTSR - Network	per kWh	$ 0.0069	5168	$ 35.66	$ 0.0068	5168	$ 35.14	-$ 0.52	-1.45%
RTSR - Line and Transformation Connection	per kWh	$ 0.0045	5168	$ 23.25	$ 0.0045	5168	$ 23.25	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 193.65**			**$ 199.44**	**$ 5.79**	**2.99%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	5168	$ 18.60	$ 0.0036	5168	$ 18.60	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	5168	$ 6.72	$ 0.0013	5168	$ 6.72	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	5168	$ 5.68	$ 0.0011	5168	$ 5.68		
Debt Retirement Charge (DRC)		$ 0.0069	5000	$ 34.70	$ 0.0069	5000	$ 34.70	$ -	0.00%
TOU - Off Peak		$ 0.0870	3250	$ 282.75	$ 0.0870	3250	$ 282.75	$ -	0.00%
TOU - Mid Peak		$ 0.1320	850	$ 112.20	$ 0.1320	850	$ 112.20	$ -	0.00%
TOU - On Peak		$ 0.1800	900	$ 162.00	$ 0.1800	900	$ 162.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	4250	$ 514.25	$ 0.1210	4250	$ 514.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 816.56**			**$ 822.35**	**$ 5.79**	**0.71%**
HST		13%		$ 106.15	13%		$ 106.91	$ 0.75	0.71%
Total Bill (including HST)				$ 922.71			$ 929.25	$ 6.54	0.71%
Total Bill on RPP (before Taxes)				**$ 851.11**			**$ 856.90**	**$ 5.79**	**0.68%**
HST		13%		$ 110.64	13%		$ 111.40	$ 0.75	0.68%
Total Bill (including HST)				**$ 961.75**			**$ 968.29**	$ 6.54	**0.68%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 10,000 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 17.2300	1	$ 17.23	$ 17.8900	1	$ 17.89	$ 0.66	3.83%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0216	10000	$ 216.00	$ 0.0227	10000	$ 227.00	$ 11.00	5.09%
Smart Meter Disposition Rider			10000	$ -		10000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ 0.00023	10000	$ 2.30	$ -	10000	$ -	-$ 2.30	-100.00%
			10000	$ -		10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -	
			10000	$ -		10000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 235.53			$ 244.89	**$ 9.36**	**3.97%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.00084	10000	-$ 8.40	$ -	10000	$ -	$ 8.40	-100.00%
Deferral/Variance Account Disposition Rate Rider Group 2	per kWh	$ 0.00007	10000	$ 0.70	$ -	10000	$ -	-$ 0.70	-100.00%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	10000	-$ 15.09	-$ 0.0023	10000	-$ 23.00	-$ 7.91	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	10000	$ -	$ 0.000270	10000	$ 2.70	$ 2.70	
Low Voltage Service Charge	per kWh	$ 0.00006	10,335	$ 0.62	$ 0.00007	10,335	$ 0.72	$ 0.10	16.67%
Line Losses on Cost of Power		$ 0.1114	335	$ 37.32	$ 0.1114	335	$ 37.32	$ -	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)				**$ 251.47**			**$ 263.42**	**$ 11.95**	**4.75%**
RTSR - Network	per kWh	$ 0.0069	10335	$ 71.31	$ 0.0068	10335	$ 70.28	-$ 1.03	-1.45%
RTSR - Line and Transformation Connection	per kWh	$ 0.0045	10335	$ 46.51	$ 0.0045	10335	$ 46.51	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 369.28**			**$ 380.20**	**$ 10.92**	**2.96%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	10335	$ 37.21	$ 0.0036	10335	$ 37.21	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	10335	$ 13.44	$ 0.0013	10335	$ 13.44	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	10335	$ 11.37	$ 0.0011	10335	$ 11.37		
Debt Retirement Charge (DRC)		$ 0.0069	10000	$ 69.40	$ 0.0069	10000	$ 69.40	$ -	0.00%
TOU - Off Peak		$ 0.0870	6500	$ 565.50	$ 0.0870	6500	$ 565.50	$ -	0.00%
TOU - Mid Peak		$ 0.1320	1700	$ 224.40	$ 0.1320	1700	$ 224.40	$ -	0.00%
TOU - On Peak		$ 0.1800	1800	$ 324.00	$ 0.1800	1800	$ 324.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	9250	$ 1,119.25	$ 0.1210	9250	$ 1,119.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 1,614.84**			**$ 1,625.76**	**$ 10.92**	**0.68%**
HST		13%		$ 209.93	13%		$ 211.35	$ 1.42	0.68%
Total Bill (including HST)				**$ 1,824.77**			**$ 1,837.11**	**$ 12.34**	**0.68%**
Total Bill on RPP (before Taxes)				**$ 1,697.44**			**$ 1,708.36**	**$ 10.92**	**0.64%**
HST		13%		$ 220.67	13%		$ 222.09	$ 1.42	0.64%
Total Bill (including HST)				**$ 1,918.11**			**$ 1,930.45**	**$ 12.34**	**0.64%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service < 50 kW

TOU / non-TOU: TOU

Consumption 15,000 kWh ◉ May 1 - October 31 ○ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 17.2300	1	$ 17.23	$ 17.8900	1	$ 17.89	$ 0.66	3.83%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0216	15000	$ 324.00	$ 0.0227	15000	$ 340.50	$ 16.50	5.09%
Smart Meter Disposition Rider			15000	$ -		15000	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	$ 0.00023	15000	$ 3.45	$ -	15000	$ -	-$ 3.45	-100.00%
			15000	$ -		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -	
			15000	$ -		15000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 344.68			$ 358.39	**$ 13.71**	**3.98%**
Deferral/Variance Account Disposition Rate Rider Group 1	per kWh	-$ 0.00084	15000	-$ 12.60	$ -	15000	$ -	$ 12.60	-100.00%
Deferral/Variance Account Disposition Rate Rider Group 2	per kWh	$ 0.00007	15000	$ 1.05	$ -	15000	$ -	-$ 1.05	-100.00%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	15000	-$ 22.64	-$ 0.0023	15000	-$ 34.50	-$ 11.87	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	15000	$ -	$ 0.000270	15000	$ 4.05	$ 4.05	
Low Voltage Service Charge	per kWh	$ 0.00006	15,503	$ 0.93	$ 0.00007	15,503	$ 1.09	$ 0.16	16.67%
Line Losses on Cost of Power		$ 0.1114	503	$ 55.97	$ 0.1114	503	$ 55.97	$ -	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)				**$ 368.19**			**$ 385.79**	**$ 17.60**	**4.78%**
RTSR - Network	per kWh	$ 0.0069	15503	$ 106.97	$ 0.0068	15503	$ 105.42	-$ 1.55	-1.45%
RTSR - Line and Transformation Connection	per kWh	$ 0.0045	15503	$ 69.76	$ 0.0045	15503	$ 69.76	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 544.92**			**$ 560.97**	**$ 16.05**	**2.95%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	15503	$ 55.81	$ 0.0036	15503	$ 55.81	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	15503	$ 20.15	$ 0.0013	15503	$ 20.15	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	15503	$ 17.05	$ 0.0011	15503	$ 17.05		
Debt Retirement Charge (DRC)		$ 0.0069	15000	$ 104.10	$ 0.0069	15000	$ 104.10	$ -	0.00%
TOU - Off Peak		$ 0.0870	9750	$ 848.25	$ 0.0870	9750	$ 848.25	$ -	0.00%
TOU - Mid Peak		$ 0.1320	2550	$ 336.60	$ 0.1320	2550	$ 336.60	$ -	0.00%
TOU - On Peak		$ 0.1800	2700	$ 486.00	$ 0.1800	2700	$ 486.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	14250	$ 1,724.25	$ 0.1210	14250	$ 1,724.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 2,413.13**			**$ 2,429.18**	**$ 16.05**	**0.67%**
HST		13%		$ 313.71	13%		$ 315.79	$ 2.09	0.67%
Total Bill (including HST)				**$ 2,726.84**			**$ 2,744.98**	**$ 18.14**	**0.67%**
Total Bill on RPP (before Taxes)				**$ 2,543.78**			**$ 2,559.83**	**$ 16.05**	**0.63%**
HST		13%		$ 330.69	13%		$ 332.78	$ 2.09	0.63%
Total Bill (including HST)				**$ 2,874.47**			**$ 2,892.61**	**$ 18.14**	**0.63%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 51,100 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
50 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ 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	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 4.0706	50	$ 203.53	$ 4.3245	50	$ 216.23	$ 12.70	6.24%
Smart Meter Disposition Rider			51100	$ -		51100	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	50	-$ 3.86	$ -	50	$ -	$ 3.86	-100.00%
			51100	$ -		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -	
			51100	$ -		51100	$ -	$ -	
Sub-Total A (excluding pass through)				$ 399.67			$ 416.23	**$ 16.55**	**4.14%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.35542	50	-$ 17.77	$ 0.0117	50	$ 0.59	$ 18.36	-103.29%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0290	50	-$ 1.45	$ 0.0129	50	$ 0.65	$ 2.10	-144.48%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	51100	$ 143.59	-$ 0.0021	51100	-$ 107.31	-$ 250.90	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.6345	50	-$ 31.73	-$ 0.9869	50	-$ 49.35	-$ 17.62	55.53%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	51100	$ -	$ 0.000270	51100	$ 13.80	$ 13.80	
Low Voltage Service Charge	per kW	$ 0.02526	50	$ 1.26	$ 0.02632	50	$ 1.32	$ 0.05	4.20%
Line Losses on Cost of Power		$ 0.1114	1,712	$ 190.68	$ 0.1114	1,712	$ 190.68	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 684.26**			**$ 466.60**	**-$ 217.67**	**-31.81%**
RTSR - Network	per kW	$ 2.8608	50	$ 143.04	$ 2.8016	50	$ 140.08	-$ 2.96	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.8267	50	$ 91.34	$ 1.8174	50	$ 90.87	-$ 0.47	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 918.64**			**$ 697.55**	**-$ 221.09**	**-24.07%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	52812	$ 190.12	$ 0.0036	52812	$ 190.12	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	52812	$ 68.66	$ 0.0013	52812	$ 68.66	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	52812	$ 58.09	$ 0.0011	52812	$ 58.09		
Debt Retirement Charge (DRC)		$ 0.0069	51100	$ 354.63	$ 0.0069	51100	$ 354.63	$ -	0.00%
TOU - Off Peak		$ 0.0870	33215	$ 2,889.71	$ 0.0870	33215	$ 2,889.71	$ -	0.00%
TOU - Mid Peak		$ 0.1320	8687	$ 1,146.68	$ 0.1320	8687	$ 1,146.68	$ -	0.00%
TOU - On Peak		$ 0.1800	9198	$ 1,655.64	$ 0.1800	9198	$ 1,655.64	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	50350	$ 6,092.35	$ 0.1210	50350	$ 6,092.35	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 7,282.42**			**$ 7,061.33**	**-$ 221.09**	**-3.04%**
HST		13%		$ 946.71	13%		$ 917.97	-$ 28.74	-3.04%
Total Bill (including HST)				**$ 8,229.14**			**$ 7,979.30**	**-$ 249.84**	**-3.04%**
Total Bill on RPP (before Taxes)				**$ 7,759.99**			**$ 7,538.90**	**-$ 221.09**	**-2.85%**
HST		13%		$ 1,008.80	13%		$ 980.06	-$ 28.74	-2.85%
Total Bill (including HST)				**$ 8,768.79**			**$ 8,518.96**	**-$ 249.84**	**-2.85%**

Loss Factor (%) 3.3500% 3.3500%

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 127,750 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
250 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ 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	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 4.0706	250	$ 1,017.65	$ 4.3245	250	$ 1,081.13	$ 63.48	6.24%
Smart Meter Disposition Rider			127750	$ -		127750	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	250	-$ 19.28	$ -	250	$ -	$ 19.28	-100.00%
			127750	$ -		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -	
			127750	$ -		127750	$ -	$ -	
Sub-Total A (excluding pass through)				$ 1,198.37			$ 1,281.13	**$ 82.75**	**6.91%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.3554	250	-$ 88.85	$ 0.0117	250	$ 2.93	$ 91.78	-103.29%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0290	250	-$ 7.25	$ 0.0129	250	$ 3.23	$ 10.48	-144.48%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	127750	$ 358.98	-$ 0.0021	127750	-$ 268.28	-$ 627.25	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.6345	250	-$ 158.63	-$ 0.9869	250	-$ 246.73	-$ 88.09	55.53%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	127750	$ -	$ 0.000270	127750	$ 34.49	$ 34.49	
Low Voltage Service Charge	per kW	$ 0.02526	250	$ 6.32	$ 0.02632	250	$ 6.58	$ 0.27	4.20%
Line Losses on Cost of Power		$ 0.1114	4,280	$ 476.71	$ 0.1114	4,280	$ 476.71	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 1,785.63**			**$ 1,290.05**	**-$ 495.58**	**-27.75%**
RTSR - Network	per kW	$ 2.8608	250	$ 715.20	$ 2.8016	250	$ 700.40	-$ 14.80	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.8267	250	$ 456.68	$ 1.8174	250	$ 454.35	-$ 2.33	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 2,957.51**			**$ 2,444.80**	**-$ 512.70**	**-17.34%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	132030	$ 475.31	$ 0.0036	132030	$ 475.31	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	132030	$ 171.64	$ 0.0013	132030	$ 171.64	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	132030	$ 145.23	$ 0.0011	132030	$ 145.23		
Debt Retirement Charge (DRC)		$ 0.0069	127750	$ 886.59	$ 0.0069	127750	$ 886.59	$ -	0.00%
TOU - Off Peak		$ 0.0870	83038	$ 7,224.26	$ 0.0870	83038	$ 7,224.26	$ -	0.00%
TOU - Mid Peak		$ 0.1320	21718	$ 2,866.71	$ 0.1320	21718	$ 2,866.71	$ -	0.00%
TOU - On Peak		$ 0.1800	22995	$ 4,139.10	$ 0.1800	22995	$ 4,139.10	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	127000	$ 15,367.00	$ 0.1210	127000	$ 15,367.00	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 18,866.59**			**$ 18,353.89**	**-$ 512.70**	**-2.72%**
HST		13%		$ 2,452.66	13%		$ 2,386.01	-$ 66.65	-2.72%
Total Bill (including HST)				**$ 21,319.25**			**$ 20,739.90**	**-$ 579.36**	**-2.72%**
Total Bill on RPP (before Taxes)				**$ 20,080.77**			**$ 19,568.07**	**-$ 512.70**	**-2.55%**
HST		13%		$ 2,610.50	13%		$ 2,543.85	-$ 66.65	-2.55%
Total Bill (including HST)				**$ 22,691.27**			**$ 22,111.92**	**-$ 579.36**	**-2.55%**

Loss Factor (%) 3.3500% 3.3500%

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh — (●) May 1 - October 31 — ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)
500 KW

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ 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	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 4.0706	500	$ 2,035.30	$ 4.3245	500	$ 2,162.25	$ 126.95	6.24%
Smart Meter Disposition Rider			255500	$ -		255500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	500	-$ 38.56	$ -	500	$ -	$ 38.56	-100.00%
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 2,196.75			$ 2,362.25	**$ 165.51**	**7.53%**
Deferral/Variance Account Disposition Rate Rider	per kW	-$ 0.3554	500	-$ 177.71	$ 0.0117	500	$ 5.85	$ 183.56	-103.29%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	-$ 0.0290	500	-$ 14.50	$ 0.0129	500	$ 6.45	$ 20.95	-144.48%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	255500	$ 717.96	-$ 0.0021	255500	-$ 536.55	-$ 1,254.51	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.6345	500	-$ 317.27	-$ 0.9869	500	-$ 493.45	-$ 176.18	55.53%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	255500	$ -	$ 0.000270	255500	$ 68.99	$ 68.99	
Low Voltage Service Charge	per kW	$ 0.02526	500	$ 12.63	$ 0.02632	500	$ 13.16	$ 0.53	4.20%
Line Losses on Cost of Power		$ 0.1114	8,559	$ 953.41	$ 0.1114	8,559	$ 953.41	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 3,371.27**			**$ 2,380.11**	**-$ 991.16**	**-29.40%**
RTSR - Network	per kW	$ 2.8608	500	$ 1,430.40	$ 2.8016	500	$ 1,400.80	-$ 29.60	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.8267	500	$ 913.35	$ 1.8174	500	$ 908.70	-$ 4.65	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 5,715.02**			**$ 4,689.61**	**-$ 1,025.41**	**-17.94%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	264059	$ 950.61	$ 0.0036	264059	$ 950.61	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	264059	$ 343.28	$ 0.0013	264059	$ 343.28	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	264059	$ 290.47	$ 0.0011	264059	$ 290.47		
Debt Retirement Charge (DRC)		$ 0.0069	255500	$ 1,773.17	$ 0.0069	255500	$ 1,773.17	$ -	0.00%
TOU - Off Peak		$ 0.0870	166075	$ 14,448.53	$ 0.0870	166075	$ 14,448.53	$ -	0.00%
TOU - Mid Peak		$ 0.1320	43435	$ 5,733.42	$ 0.1320	43435	$ 5,733.42	$ -	0.00%
TOU - On Peak		$ 0.1800	45990	$ 8,278.20	$ 0.1800	45990	$ 8,278.20	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	254750	$ 30,824.75	$ 0.1210	254750	$ 30,824.75	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 37,532.94**			**$ 36,507.53**	**-$ 1,025.41**	**-2.73%**
HST		13%		$ 4,879.28	13%		$ 4,745.98	-$ 133.30	-2.73%
Total Bill (including HST)				**$ 42,412.22**			**$ 41,253.51**	**-$ 1,158.71**	**-2.73%**
Total Bill on RPP (before Taxes)				**$ 39,974.79**			**$ 38,949.39**	**-$ 1,025.41**	**-2.57%**
HST		13%		$ 5,196.72	13%		$ 5,063.42	-$ 133.30	-2.57%
Total Bill (including HST)				**$ 45,171.52**			**$ 44,012.81**	**-$ 1,158.71**	**-2.57%**

Loss Factor (%) 3.3500% 3.3500%

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service 50 to 1,499 KW

TOU / non-TOU: TOU

Consumption 255,500 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
1,000 KW

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ 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	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 4.0706	1,000	$ 4,070.60	$ 4.3245	1,000	$ 4,324.50	$ 253.90	6.24%
Smart Meter Disposition Rider			255500	$ -		255500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	1,000	-$ 77.11	$ -	1,000	$ -	$ 77.11	-100.00%
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
			255500	$ -		255500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 4,193.49			$ 4,524.50	**$ 331.01**	**7.89%**
Deferral/Variance Account Disposition Rate Rider	per kW	-$ 0.3554	1,000	-$ 355.42	$ 0.0117	1000	$ 11.70	$ 367.12	-103.29%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	-$ 0.0290	1,000	-$ 29.00	$ 0.0129	1000	$ 12.90	$ 41.90	-144.48%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	255500	$ 717.96	-$ 0.0021	255500	-$ 536.55	-$ 1,254.51	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.6345	1,000	-$ 634.54	-$ 0.9869	1000	-$ 986.90	-$ 352.36	55.53%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	255500	$ -	$ 0.000270	255500	$ 68.99	$ 68.99	
Low Voltage Service Charge	per kW	$ 0.02526	1,000	$ 25.26	$ 0.02632	1,000	$ 26.32	$ 1.06	4.20%
Line Losses on Cost of Power		$ 0.1114	8,559	$ 953.41	$ 0.1114	8,559	$ 953.41	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 4,871.17**			**$ 4,074.37**	**-$ 796.80**	**-16.36%**
RTSR - Network	per kW	$ 2.8608	1000	$ 2,860.80	$ 2.8016	1000	$ 2,801.60	-$ 59.20	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.8267	1000	$ 1,826.70	$ 1.8174	1000	$ 1,817.40	-$ 9.30	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 9,558.67**			**$ 8,693.37**	**-$ 865.30**	**-9.05%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	264059	$ 950.61	$ 0.0036	264059	$ 950.61	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	264059	$ 343.28	$ 0.0013	264059	$ 343.28	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	264059	$ 290.47	$ 0.0011	264059	$ 290.47		
Debt Retirement Charge (DRC)		$ 0.0069	255500	$ 1,773.17	$ 0.0069	255500	$ 1,773.17	$ -	0.00%
TOU - Off Peak		$ 0.0870	166075	$ 14,448.53	$ 0.0870	166075	$ 14,448.53	$ -	0.00%
TOU - Mid Peak		$ 0.1320	43435	$ 5,733.42	$ 0.1320	43435	$ 5,733.42	$ -	0.00%
TOU - On Peak		$ 0.1800	45990	$ 8,278.20	$ 0.1800	45990	$ 8,278.20	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	254750	$ 30,824.75	$ 0.1210	254750	$ 30,824.75	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 41,376.59**			**$ 40,511.29**	**-$ 865.30**	**-2.09%**
HST		13%		$ 5,378.96	13%		$ 5,266.47	-$ 112.49	-2.09%
Total Bill (including HST)				**$ 46,755.55**			**$ 45,777.76**	**-$ 977.79**	**-2.09%**
Total Bill on RPP (before Taxes)				**$ 43,818.44**			**$ 42,953.15**	**-$ 865.30**	**-1.97%**
HST		13%		$ 5,696.40	13%		$ 5,583.91	-$ 112.49	-1.97%
Total Bill (including HST)				**$ 49,514.84**			**$ 48,537.05**	**-$ 977.79**	**-1.97%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU: TOU

Consumption 1,277,500 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
2,500 KW

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% 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	$ 3.6541	2,500	$ 9,135.25	$ 3.9181	2,500	$ 9,795.25	$ 660.00	7.22%
Smart Meter Disposition Rider			1277500	$ -		1277500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	2,500	-$ 192.78	$ -	2,500	$ -	$ 192.78	-100.00%
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 13,136.41			$ 13,989.18	**$ 852.78**	**6.49%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.3951	2,500	-$ 987.75	$ 0.0130	2,500	$ 32.50	$ 1,020.25	-103.29%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0344	2,500	-$ 85.88	$ 0.0143	2,500	$ 35.75	$ 121.63	-141.63%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	1277500	$ 3,589.78	-$ 0.0021	1277500	-$ 2,682.75	-$ 6,272.53	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.7054	2,500	-$ 1,763.46	-$ 1.0876	2,500	-$ 2,719.00	-$ 955.54	54.19%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	1277500	$ -	$ 0.000270	1277500	$ 344.93	$ 344.93	
Low Voltage Service Charge	per kW	$ 0.02700	2,500	$ 67.50	$ 0.02813	2,500	$ 70.33	$ 2.83	4.19%
Line Losses on Cost of Power		$ 0.1114	42,796	$ 4,767.07	$ 0.1114	42,796	$ 4,767.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 18,723.68**			**$ 13,838.00**	**-$ 4,885.67**	**-26.09%**
RTSR - Network	per kW	$ 2.9704	2500	$ 7,426.00	$ 2.9089	2500	$ 7,272.25	-$ 153.75	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.9522	2500	$ 4,880.50	$ 1.9423	2500	$ 4,855.75	-$ 24.75	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 31,030.18**			**$ 25,966.00**	**-$ 5,064.17**	**-16.32%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	1320296	$ 4,753.07	$ 0.0036	1320296	$ 4,753.07	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1320296	$ 1,716.39	$ 0.0013	1320296	$ 1,716.39	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	1320296	$ 1,452.33	$ 0.0011	1320296	$ 1,452.33		
Debt Retirement Charge (DRC)		$ 0.0069	1277500	$ 8,865.85	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%
TOU - Off Peak		$ 0.0870	830375	$ 72,242.63	$ 0.0870	830375	$ 72,242.63	$ -	0.00%
TOU - Mid Peak		$ 0.1320	217175	$ 28,667.10	$ 0.1320	217175	$ 28,667.10	$ -	0.00%
TOU - On Peak		$ 0.1800	229950	$ 41,391.00	$ 0.1800	229950	$ 41,391.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	1276750	$ 154,486.75	$ 0.1210	1276750	$ 154,486.75	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 190,118.78**			**$ 185,054.61**	**-$ 5,064.17**	**-2.66%**
HST		13%		$ 24,715.44	13%		$ 24,057.10	-$ 658.34	-2.66%
Total Bill (including HST)				**$ 214,834.22**			**$ 209,111.71**	**-$ 5,722.51**	**-2.66%**
Total Bill on RPP (before Taxes)				**$ 202,382.05**			**$ 197,317.88**	**-$ 5,064.17**	**-2.50%**
HST		13%		$ 26,309.67	13%		$ 25,651.32	-$ 658.34	-2.50%
Total Bill (including HST)				**$ 228,691.72**			**$ 222,969.21**	**-$ 5,722.51**	**-2.50%**

Loss Factor (%) 3.3500% 3.3500%

Attachment 8-12(A)
Bill Impacts

Customer Class: General Service 1,500 to 4,999 KW

TOU / non-TOU: TOU

Consumption 1,277,500 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
4,000 KW

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% 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	$ 3.6541	4,000	$ 14,616.40	$ 3.9181	4,000	$ 15,672.40	$ 1,056.00	7.22%
Smart Meter Disposition Rider			1277500	$ -		1277500	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	4,000	-$ 308.44	$ -	4,000	$ -	$ 308.44	-100.00%
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
			1277500	$ -		1277500	$ -	$ -	
Sub-Total A (excluding pass through)				$ 18,501.89			$ 19,866.33	**$ 1,364.44**	**7.37%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.3951	4,000	-$ 1,580.39	$ 0.0130	4,000	$ 52.00	$ 1,632.39	-103.29%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0344	4,000	-$ 137.40	$ 0.0143	4,000	$ 57.20	$ 194.60	-141.63%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	1277500	$ 3,589.78	-$ 0.0021	1277500	-$ 2,682.75	-$ 6,272.53	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.7054	4,000	-$ 2,821.53	-$ 1.0876	4,000	-$ 4,350.40	-$ 1,528.87	54.19%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	1277500	$ -	$ 0.000270	1277500	$ 344.93	$ 344.93	
Low Voltage Service Charge	per kW	$ 0.02700	4,000	$ 108.00	$ 0.02813	4,000	$ 112.52	$ 4.52	4.19%
Line Losses on Cost of Power		$ 0.1114	42,796	$ 4,767.07	$ 0.1114	42,796	$ 4,767.07	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 22,427.42**			**$ 18,166.90**	**-$ 4,260.52**	**-19.00%**
RTSR - Network	per kW	$ 2.9704	4000	$ 11,881.60	$ 2.9089	4000	$ 11,635.60	-$ 246.00	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.9522	4000	$ 7,808.80	$ 1.9423	4000	$ 7,769.20	-$ 39.60	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 42,117.82**			**$ 37,571.70**	**-$ 4,546.12**	**-10.79%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	1320296	$ 4,753.07	$ 0.0036	1320296	$ 4,753.07	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	1320296	$ 1,716.39	$ 0.0013	1320296	$ 1,716.39	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	1320296	$ 1,452.33	$ 0.0011	1320296	$ 1,452.33		
Debt Retirement Charge (DRC)		$ 0.0069	1277500	$ 8,865.85	$ 0.0069	1277500	$ 8,865.85	$ -	0.00%
TOU - Off Peak		$ 0.0870	830375	$ 72,242.63	$ 0.0870	830375	$ 72,242.63	$ -	0.00%
TOU - Mid Peak		$ 0.1320	217175	$ 28,667.10	$ 0.1320	217175	$ 28,667.10	$ -	0.00%
TOU - On Peak		$ 0.1800	229950	$ 41,391.00	$ 0.1800	229950	$ 41,391.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	1276750	$ 154,486.75	$ 0.1210	1276750	$ 154,486.75	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 201,206.42**			**$ 196,660.30**	**-$ 4,546.12**	**-2.26%**
HST		13%		$ 26,156.83	13%		$ 25,565.84	-$ 591.00	-2.26%
Total Bill (including HST)				**$ 227,363.25**			**$ 222,226.14**	**-$ 5,137.11**	**-2.26%**
Total Bill on RPP (before Taxes)				**$ 213,469.69**			**$ 208,923.58**	**-$ 4,546.12**	**-2.13%**
HST		13%		$ 27,751.06	13%		$ 27,160.06	-$ 591.00	-2.13%
Total Bill (including HST)				**$ 241,220.75**			**$ 236,083.64**	**-$ 5,137.11**	**-2.13%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: Large User

TOU / non-TOU: TOU

Consumption 4,000,000 kWh — (●) May 1 - October 31 — ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)
7,500 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change
Monthly Service Charge	Monthly	$ 15,231.32	1	$ 15,231.32	15,231.32	1	$ 15,231.32	$ -	0.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.4742	7,500	$ 26,056.50	$ 3.7199	7,500	$ 27,899.25	$ 1,842.75	7.07%
Smart Meter Disposition Rider			4000000	$ -		4000000	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	7,500	-$ 578.33	-	7,500	$ -	$ 578.33	-100.00%
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 40,709.50			$ 43,130.57	**$ 2,421.08**	**5.95%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.4676	7,500	-$ 3,506.85	$ 0.0154	7,500	$ 115.50	$ 3,622.35	-103.29%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0408	7,500	-$ 306.15	$ 0.0170	7,500	$ 127.50	$ 433.65	-141.65%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	4000000	$ 11,240.00	-$ 0.0021	4000000	-$ 8,400.00	-$ 19,640.00	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.8348	7,500	-$ 6,260.91	-$ 1.2969	7,500	-$ 9,726.75	-$ 3,465.84	55.36%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	4000000	$ -	$ 0.000270	4000000	$ 1,080.00	$ 1,080.00	
Low Voltage Service Charge	per kW	$ 0.03040	7,500	$ 228.00	$ 0.03168	7,500	$ 237.60	$ 9.60	4.21%
Line Losses on Cost of Power		$ 0.1114	24,800	$ 2,762.47	$ 0.1114	24,800	$ 2,762.47	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 44,866.06**			**$ 29,326.89**	**-$ 15,539.17**	**-34.63%**
RTSR - Network	per kW	$ 3.2927	7500	$ 24,695.25	$ 3.2246	7500	$ 24,184.50	-$ 510.75	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 2.1984	7500	$ 16,488.00	$ 2.1873	7500	$ 16,404.75	-$ 83.25	-0.50%
Sub-Total C - Delivery (including Sub-Total B)				**$ 86,049.31**			**$ 69,916.14**	**-$ 16,133.17**	**-18.75%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	4024800	$ 14,489.28	$ 0.0036	4024800	$ 14,489.28	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	4024800	$ 5,232.24	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	4024800	$ 4,427.28	$ 0.0011	4024800	$ 4,427.28		
Debt Retirement Charge (DRC)		$ 0.0069	4000000	$ 27,760.00	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%
TOU - Off Peak		$ 0.0870	2600000	$ 226,200.00	$ 0.0870	2600000	$ 226,200.00	$ -	0.00%
TOU - Mid Peak		$ 0.1320	680000	$ 89,760.00	$ 0.1320	680000	$ 89,760.00	$ -	0.00%
TOU - On Peak		$ 0.1800	720000	$ 129,600.00	$ 0.1800	720000	$ 129,600.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	3999250	$ 483,909.25	$ 0.1210	3999250	$ 483,909.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 583,518.36**			**$ 567,385.19**	**-$ 16,133.16**	**-2.76%**
HST		13%		$ 75,857.39	13%		$ 73,760.07	-$ 2,097.31	-2.76%
Total Bill (including HST)				**$ 659,375.74**			**$ 641,145.27**	**-$ 18,230.48**	**-2.76%**
Total Bill on RPP (before Taxes)				**$ 621,944.86**			**$ 605,811.69**	**-$ 16,133.17**	**-2.59%**
HST		13%		$ 80,852.83	13%		$ 78,755.52	-$ 2,097.31	-2.59%
Total Bill (including HST)				**$ 702,797.69**			**$ 684,567.21**	**-$ 18,230.48**	**-2.59%**

Loss Factor (%) 0.6200% 0.6200%

Attachment 8-12(A)
Bill Impacts

Customer Class: Large User

TOU / non-TOU: TOU

Consumption 4,000,000 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
10,000 KW

		Current Board-Approved			2017 Proposed			Impact 2017 vs 2016	
	Charge Unit	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge	Monthly	$ 15,231.32	1	$ 15,231.32	$ 15,231.32	1	$ 15,231.32	$ -	0.00%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 3.4742	10,000	$ 34,742.00	$ 3.7199	10,000	$ 37,199.00	$ 2,457.00	7.07%
Smart Meter Disposition Rider			4000000	$ -		4000000	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.0771	10,000	-$ 771.10	$ -	10,000	$ -	$ 771.10	-100.00%
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
			4000000	$ -		4000000	$ -	$ -	
Sub-Total A (excluding pass through)				$ 49,202.22			$ 52,430.32	**$ 3,228.10**	**6.56%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.4676	10,000	-$ 4,675.80	$ 0.0154	10,000	$ 154.00	$ 4,829.80	-103.29%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0408	10,000	-$ 408.20	$ 0.0170	10,000	$ 170.00	$ 578.20	-141.65%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kW	$ 0.0028	4000000	$ 11,240.00	-$ 0.0021	4000000	-$ 8,400.00	-$ 19,640.00	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.8348	10,000	-$ 8,347.88	-$ 1.2969	10,000	-$ 12,969.00	-$ 4,621.12	55.36%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	4000000	$ -	$ 0.000270	4000000	$ 1,080.00	$ 1,080.00	
Low Voltage Service Charge	per kW	$ 0.03040	10,000	$ 304.00	$ 0.03168	10,000	$ 316.80	$ 12.80	4.21%
Line Losses on Cost of Power		$ 0.1114	24,800	$ 2,762.47	$ 0.1114	24,800	$ 2,762.47	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 50,076.81**			**$ 35,544.59**	**-$ 14,532.22**	**-29.02%**
RTSR - Network	per kW	$ 3.2927	10000	$ 32,927.00	$ 3.2246	10000	$ 32,246.00	-$ 681.00	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 2.1984	10000	$ 21,984.00	$ 2.1873	10000	$ 21,873.00	-$ 111.00	-0.50%
Sub-Total C - Delivery (including Sub-Total B)				**$ 104,987.81**			**$ 89,663.59**	**-$ 15,324.22**	**-14.60%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	4024800	$ 14,489.28	$ 0.0036	4024800	$ 14,489.28	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	4024800	$ 5,232.24	$ 0.0013	4024800	$ 5,232.24	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	4024800	$ 4,427.28	$ 0.0011	4024800	$ 4,427.28		
Debt Retirement Charge (DRC)		$ 0.0069	4000000	$ 27,760.00	$ 0.0069	4000000	$ 27,760.00	$ -	0.00%
TOU - Off Peak		$ 0.0870	2600000	$ 226,200.00	$ 0.0870	2600000	$ 226,200.00	$ -	0.00%
TOU - Mid Peak		$ 0.1320	680000	$ 89,760.00	$ 0.1320	680000	$ 89,760.00	$ -	0.00%
TOU - On Peak		$ 0.1800	720000	$ 129,600.00	$ 0.1800	720000	$ 129,600.00	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	750	$ 77.25	$ 0.1030	750	$ 77.25	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	3999250	$ 483,909.25	$ 0.1210	3999250	$ 483,909.25	$ -	0.00%
Total Bill on TOU (before Taxes)				**$ 602,456.86**			**$ 587,132.64**	**-$ 15,324.22**	**-2.54%**
HST		13%		$ 78,319.39	13%		$ 76,327.24	-$ 1,992.15	-2.54%
Total Bill (including HST)				**$ 680,776.25**			**$ 663,459.89**	**-$ 17,316.37**	**-2.54%**
Total Bill on RPP (before Taxes)				**$ 640,883.36**			**$ 625,559.14**	**-$ 15,324.22**	**-2.39%**
HST		13%		$ 83,314.84	13%		$ 81,322.69	-$ 1,992.15	-2.39%
Total Bill (including HST)				**$ 724,198.20**			**$ 706,881.83**	**-$ 17,316.37**	**-2.39%**
Loss Factor (%)		0.6200%			0.6200%				

Attachment 8-12(A)
Bill Impacts

Customer Class: Unmetered Scattered Load

TOU / non-TOU: TOU

Consumption 470 kWh (◉ May 1 - October 31) (○ November 1 - April 30 (Select this radio button for applications filed after Oct 31))
KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change
Monthly Service Charge	Monthly	$ 4.42	1	$ 4.42	4.60	1	$ 4.60	$ 0.18	4.07%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kWh	$ 0.0219	470	$ 10.29	$ 0.0226	470	$ 10.62	$ 0.33	3.20%
Smart Meter Disposition Rider			470	$ -		470	$ -	$ -	
LRAM & SSM Rate Rider	per kWh	-$ 0.0004	470	-$ 0.21	$ -	470	$ -	$ 0.21	-100.00%
			470	$ -		470	$ -	$ -	
			470	$ -		470	$ -	$ -	
			470	$ -		470	$ -	$ -	
			470	$ -		470	$ -	$ -	
			470	$ -		470	$ -	$ -	
			470	$ -		470	$ -	$ -	
			470	$ -		470	$ -	$ -	
Sub-Total A (excluding pass through)				$ 14.51			$ 15.22	**$ 0.72**	**4.93%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kWh	-$ 0.0008	470	-$ 0.40	$ -	470	$ -	$ 0.40	-100.00%
Deferral/Variance Account Disposition Rate Rider Class 2	per kWh	-$ 0.0000	470	-$ 0.02	$ -	470	$ -	$ 0.02	-100.00%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ -	470	$ -		470	$ -	$ -	
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kWh	-$ 0.0015	470	-$ 0.71	-$ 0.0023	470	-$ 1.08	-$ 0.37	52.42%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	470	$ -	$ 0.000270	470	$ 0.13	$ 0.13	
Low Voltage Service Charge	per kWh	$ 0.00006	486	$ 0.03	$ 0.00007	486	$ 0.03	$ 0.00	16.67%
Line Losses on Cost of Power		$ 0.1114	16	$ 1.75	$ 0.1114	16	$ 1.75	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 15.16**			**$ 16.06**	**$ 0.89**	**5.88%**
RTSR - Network	per kWh	$ 0.0069	486	$ 3.35	$ 0.0068	486	$ 3.30	-$ 0.05	-1.45%
RTSR - Line and Transformation Connection	per kWh	$ 0.0045	486	$ 2.19	$ 0.0045	486	$ 2.19	$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)				**$ 20.70**			**$ 21.54**	**$ 0.84**	**4.07%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	486	$ 1.75	$ 0.0036	486	$ 1.75	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	486	$ 0.63	$ 0.0013	486	$ 0.63	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	486	$ 0.53	$ 0.0011	486	$ 0.53		
Debt Retirement Charge (DRC)		$ 0.0069	470	$ 3.26	$ 0.0069	470	$ 3.26	$ -	0.00%
TOU - Off Peak		$ 0.0870	306	$ 26.58	$ 0.0870	306	$ 26.58	$ -	0.00%
TOU - Mid Peak		$ 0.1320	80	$ 10.55	$ 0.1320	80	$ 10.55	$ -	0.00%
TOU - On Peak		$ 0.1800	85	$ 15.23	$ 0.1800	85	$ 15.23	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	470	$ 48.41	$ 0.1030	470	$ 48.41	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 79.48**			**$ 80.32**	**$ 0.84**	**1.06%**
HST		13%		$ 10.33	13%		$ 10.44	$ 0.11	1.06%
Total Bill (including HST)				**$ 89.81**			**$ 90.77**	**$ 0.95**	**1.06%**
Total Bill on RPP (before Taxes)				**$ 75.54**			**$ 76.38**	**$ 0.84**	**1.12%**
HST		13%		$ 9.82	13%		$ 9.93	$ 0.11	1.12%
Total Bill (including HST)				**$ 85.36**			**$ 86.31**	**$ 0.95**	**1.12%**
Loss Factor (%)		3.3500%			3.3500%				

Attachment 8-12(A)
Bill Impacts

Customer Class: Sentinel Lights

TOU / non-TOU: TOU

Consumption 94 kWh (●) May 1 - October 31 ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)
0.40 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change
Monthly Service Charge	Monthly	$ 2.98	1	$ 2.98	3.04	1	$ 3.04	$ 0.06	2.01%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 11.3998	0	$ 4.56	$ 12.2794	0	$ 4.91	$ 0.35	7.72%
Smart Meter Disposition Rider			94	$ -		94	$ -	$ -	
LRAM & SSM Rate Rider	per kW	$ -	0	$ -		0	$ -	$ -	
			94	$ -		94	$ -	$ -	
			94	$ -		94	$ -	$ -	
			94	$ -		94	$ -	$ -	
			94	$ -		94	$ -	$ -	
			94	$ -		94	$ -	$ -	
			94	$ -		94	$ -	$ -	
			94	$ -		94	$ -	$ -	
Sub-Total A (excluding pass through)				$ 7.54			$ 7.95	**$ 0.41**	**5.46%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.1879	0.40	-$ 0.08	$ 0.0062	0.40	$ 0.00	$ 0.08	-103.30%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	$ 0.0039	0.40	$ 0.00	$ 0.0068	0.40	$ 0.00	$ 0.00	73.03%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ -	94	$ -		94	$ -	$ -	
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.3354	0.40	-$ 0.13	-$ 0.5211	0.40	-$ 0.21	-$ 0.07	55.35%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	94	$ -	$ 0.000270	94	$ 0.03	$ 0.03	
Low Voltage Service Charge	per kW	$ 0.01877	0	$ 0.01	$ 0.01955	0	$ 0.01	$ 0.00	4.16%
Line Losses on Cost of Power		$ 0.1114	3	$ 0.35	$ 0.1114	3	$ 0.35	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 7.69**			**$ 8.13**	**$ 0.44**	**5.75%**
RTSR - Network	per kW	$ 2.1118	0.4	$ 0.84	$ 2.0681	0.4	$ 0.83	-$ 0.02	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.3570	0.4	$ 0.54	$ 1.3501	0.4	$ 0.54	-$ 0.00	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 9.08**			**$ 9.50**	**$ 0.42**	**4.65%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	97	$ 0.35	$ 0.0036	97	$ 0.35	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	97	$ 0.13	$ 0.0013	97	$ 0.13	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	97	$ 0.11	$ 0.0011	97	$ 0.11		
Debt Retirement Charge (DRC)		$ 0.0069	94	$ 0.65	$ 0.0069	94	$ 0.65	$ -	0.00%
TOU - Off Peak		$ 0.0870	61	$ 5.32	$ 0.0870	61	$ 5.32	$ -	0.00%
TOU - Mid Peak		$ 0.1320	16	$ 2.11	$ 0.1320	16	$ 2.11	$ -	0.00%
TOU - On Peak		$ 0.1800	17	$ 3.05	$ 0.1800	17	$ 3.05	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	94	$ 9.68	$ 0.1030	94	$ 9.68	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 21.03**			**$ 21.46**	**$ 0.42**	**2.01%**
HST		13%		$ 2.73	13%		$ 2.79	$ 0.05	2.01%
Total Bill (including HST)				**$ 23.77**			**$ 24.24**	**$ 0.48**	**2.01%**
Total Bill on RPP (before Taxes)				**$ 20.25**			**$ 20.67**	**$ 0.42**	**2.08%**
HST		13%		$ 2.63	13%		$ 2.69	$ 0.05	2.08%
Total Bill (including HST)				**$ 22.88**			**$ 23.35**	**$ 0.48**	**2.08%**

Loss Factor (%) 3.3500% 3.3500%

Attachment 8-12(A)
Bill Impacts

Customer Class: Street Light

TOU / non-TOU: TOU

Consumption 150 kWh (●) May 1 - October 31 ( ) November 1 - April 30 (Select this radio button for applications filed after Oct 31)
1.00 KW

	Charge Unit	Current Board-Approved Rate ($)	Volume	Charge ($)	2017 Proposed Rate ($)	Volume	Charge ($)	Impact 2017 vs 2016 $ Change	% Change
Monthly Service Charge	Monthly	$ 0.75	1	$ 0.75	0.80	1	$ 0.80	$ 0.05	6.67%
Smart Meter Rate Adder			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
			1	$ -		1	$ -	$ -	
Distribution Volumetric Rate	per kW	$ 5.3171	1	$ 5.32	$ 5.6501	1	$ 5.65	$ 0.33	6.26%
Smart Meter Disposition Rider			150	$ -		150	$ -	$ -	
LRAM & SSM Rate Rider	per kW	-$ 0.2405	1	-$ 0.24	-	1	$ -	$ 0.24	-100.00%
			150	$ -		150	$ -	$ -	
			150	$ -		150	$ -	$ -	
			150	$ -		150	$ -	$ -	
			150	$ -		150	$ -	$ -	
			150	$ -		150	$ -	$ -	
			150	$ -		150	$ -	$ -	
			150	$ -		150	$ -	$ -	
Sub-Total A (excluding pass through)				$ 5.83			$ 6.45	**$ 0.62**	**10.70%**
Deferral/Variance Account Disposition Rate Rider Class 1	per kW	-$ 0.2990	1	-$ 0.30	0.0099	1	$ 0.01	$ 0.31	-103.31%
Deferral/Variance Account Disposition Rate Rider Class 2	per kW	-$ 0.0259	1.00	-$ 0.03	$ 0.0109	1	$ 0.01	$ 0.04	-142.17%
Deferral/Variance Account Disposition Rate Rider - Global Adjustment	per kWh	$ 0.0028	150	$ 0.42	-$ 0.0021	150	-$ 0.32	-$ 0.74	-174.73%
Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW	-$ 0.5338	1.00	-$ 0.53	-$ 0.8313	1	-$ 0.83	-$ 0.30	55.72%
Rate Rider Calculation for WMS - Sub-account CBR Class B	per kWh	$ -	150	$ -	$ 0.000270	150	$ 0.04	$ 0.04	
Low Voltage Service Charge	per kW	$ 0.01916	1	$ 0.02	$ 0.01996	1	$ 0.02	$ 0.00	4.18%
Line Losses on Cost of Power		$ 0.1114	5	$ 0.56	$ 0.1114	5	$ 0.56	$ -	0.00%
Smart Meter Entity Charge	Monthly	$ -	1	$ -	$ -	1	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)				**$ 5.97**			**$ 5.94**	**-$ 0.02**	**-0.39%**
RTSR - Network	per kW	$ 2.1225	1	$ 2.12	$ 2.0786	1	$ 2.08	-$ 0.04	-2.07%
RTSR - Line and Transformation Connection	per kW	$ 1.3853	1	$ 1.39	$ 1.3783	1	$ 1.38	-$ 0.01	-0.51%
Sub-Total C - Delivery (including Sub-Total B)				**$ 9.48**			**$ 9.40**	**-$ 0.07**	**-0.79%**
Wholesale Market Service Charge (WMSC)	per kWh	$ 0.0036	155	$ 0.56	$ 0.0036	155	$ 0.56	$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	$ 0.0013	155	$ 0.20	$ 0.0013	155	$ 0.20	$ -	0.00%
Standard Supply Service Charge	Monthly	$ 0.2500	1	$ 0.25	$ 0.2500	1	$ 0.25	$ -	0.00%
Ontario Electricity Support (OESP)		$ 0.0011	155	$ 0.17	$ 0.0011	155	$ 0.17		
Debt Retirement Charge (DRC)		$ 0.0069	150	$ 1.04	$ 0.0069	150	$ 1.04	$ -	0.00%
TOU - Off Peak		$ 0.0870	98	$ 8.48	$ 0.0870	98	$ 8.48	$ -	0.00%
TOU - Mid Peak		$ 0.1320	26	$ 3.37	$ 0.1320	26	$ 3.37	$ -	0.00%
TOU - On Peak		$ 0.1800	27	$ 4.86	$ 0.1800	27	$ 4.86	$ -	0.00%
Energy - RPP - Tier 1		$ 0.1030	150	$ 15.45	$ 0.1030	150	$ 15.45	$ -	0.00%
Energy - RPP - Tier 2		$ 0.1210	0	$ -	$ 0.1210	0	$ -	$ -	
Total Bill on TOU (before Taxes)				**$ 28.41**			**$ 28.33**	**-$ 0.07**	**-0.26%**
HST		13%		$ 3.69	13%		$ 3.68	-$ 0.01	-0.26%
Total Bill (including HST)				**$ 32.10**			**$ 32.01**	**-$ 0.08**	**-0.26%**
Total Bill on RPP (before Taxes)				**$ 27.15**			**$ 27.07**	**-$ 0.07**	**-0.27%**
HST		13%		$ 3.53	13%		$ 3.52	-$ 0.01	-0.27%
Total Bill (including HST)				**$ 30.68**			**$ 30.59**	**-$ 0.08**	**-0.27%**
Loss Factor (%)		3.3500%			3.3500%				

CURRENT DEFERRAL AND VARIANCE ACCOUNTS

1.0 INTRODUCTION

Hydro Ottawa has included a request for approval of the disposition for the Group 1 Deferral and Variance Accounts ("DVAs") based on the balances at December 31, 2015 and the forecasted interest through December 31, 2016 in this Application. As per the Pole Attachment Decision, 1508 Other Regulatory Assets – Sub-account Pole Attachment Charge Revenues Variance Account of Group 2 DVAs is proposed for disposition in this Application.

2.0 DETAILS OF DEFERRAL AND VARIANCE ACCOUNTS

Tables 1 and 2 offer 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 DVA accounts into Group 1 and Group 2 accounts.

Table 1 – Group 1 Deferral and Variance Accounts

Group 1 Account – Description	Account
Low Voltage ("LV") Account	1550
Smart Meter Entity Charge Variance Account	1551
Retail Settlement Variance Account ("RSVA")- Wholesale Market Service Charge	1580
Variance WMS – Sub-account CBR Class A	1580
Variance WMS – Sub-account CBR Class B	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 Account	1595

Table 2 – Group 2 Deferral and Variance Accounts

Group 2 Account – Description	Account
Other Regulatory Assets (Multiple Sub-accounts)	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 ("LRAMVA")	1568
RSVA - One-time Wholesale Market Service	1582
PILs and Tax Variance	1592

Hydro Ottawa confirms that no deferral and variance accounts are being used differently than as prescribed in the OEB's Accounting Procedures Handbook ("APH").

3.0 CONTINUITY SCHEDULE

Attachment 9-2(A) is a complete continuity schedule for all Deferral and Variance accounts based on the Deferral and Variance Account (Continuity Schedule) Workform – version 2.7 Excel spreadsheet, as posted by the OEB on its website July 21, 2016.

Hydro Ottawa is proposing to dispose of Group 1 accounts over a one-year period. The total net balance of the Group 1 DVA as of December 31, 2015 is $22.4 million. This would result in an overall credit to customers. The total amount to be disposed will be divided into multiple rate riders.

Hydro Ottawa is not proposing to dispose of the balance in the Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") at this time, given this Application is not a rebasing application and the balance in this account does not meet Hydro

Ottawa's Materiality Threshold. This is consistent with the OEB's Chapter 3 filing requirements for Disposition of LRAMVA.[1]

In accordance with the OEB's *Accounting Guidance on Capacity Based Recovery*, issued July 25, 2016, Hydro Ottawa is requesting a separate rate rider for the clearance of Variance WMS – Sub-account CBR Class B of $1.8 million. This amount will be collected from customers. Per the aforementioned guidance, a separate schedule – Attachment 9-2(B) – is prepared for the calculation of this rate rider as the EDDVAR model does not accommodate this calculation.

Per the OEB's Decision issued on December 22, 2015 in relation to Hydro Ottawa's Custom IR Application, Hydro Ottawa was to establish Account 1508 Sub-Account Pole Attachments to collect the difference between the $57 pole attachment rate that Hydro Ottawa's distribution revenue is based on and the $53 from the Pole Attachment Decision. Prior to the issuance of the Pole Attachment Decision, Hydro Ottawa had not recorded anything into this newly established Account. The December 22, 2015 OEB Decision states that "[t]his revenue offset variance account will preserve the relationship between pole attachment revenues and those from distribution service and allow future reconciliation between these two amounts and the base revenue requirement approved for 2016 in this application."[2] As such, Hydro Ottawa is recording the following entries to reconcile the difference between the revenue requirement distribution rates were based on versus the revenue requirement adjusted for the approved pole attachment charge.

A) To record additional revenue required as a result of a lower pole attachment charge.

	Debit	Credit
Dr. Account 1508 SA – Pole Attachments ("PA")	x,xxx.xx	
Cr. Account 4080 – Distribution Services Revenue		x,xxx.xx

[1] OEB *Filing Requirements for Electricity Distribution Rate Applications* – Chapter 3, Section 3.2.6.1, Disposition of the LRAMVA; pp. 14-15.
[2] EB-2015-0004 *Decision and Order* December 22, 2015, p. 3.

B) To record monthly interest.

	Debit	Credit
Dr. Account 1508 SA – Carrying Charges PA	x,xxx.xx	
Cr. Account 6035 – Other Interest Expense		x,xxx.xx

Per the Pole Attachment Decision, Hydro Ottawa is to request clearance of Account 1508 Other Regulatory Assets – Sub-account Pole Attachment Charge Revenues Variance Account. By the end of 2016, an amount of $227K, principle and interest, will be recorded into this account. Hydro Ottawa proposes to clear this Group 2 account in this Application over a one-year period.

Please see Exhibit 9-2-1 for further details on the proposed disposition of Group 1 Accounts and Account 1508 Sub Account Pole Attachments, including Rate Riders details by rate class.

4.0 CARRYING CHARGES

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 listing of these interest rates up to 2016 Q3. Hydro Ottawa confirms it uses these interest rates as provided by the OEB.

Table 3 – Interest Rates for Carrying Charges on Deferral and Variance Accounts

Approved Deferral and Variance Accounts	
Quarter by Year	**Prescribed Interest Rate**
Q3 2016	1.10%
Q2 2016	1.10%
Q1 2016	1.10%

Approved Deferral and Variance Accounts	
Quarter by Year	**Prescribed Interest Rate**
Q4 2015	1.10%
Q3 2015	1.10%
Q2 2015	1.10%
Q1 2015	1.47%
Q4 2014	1.47%
Q3 2014	1.47%
Q2 2014	1.47%
Q1 2014	1.47%
Q4 2013	1.47%
Q3 2013	1.47%
Q2 2013	1.47%
Q1 2013	1.47%
Q4 2012	1.47%
Q3 2012	1.47%
Q2 2012	1.47%
Q1 2012	1.47%
Q4 2011	1.47%
Q3 2011	1.47%
Q2 2011	1.47%
Q1 2011	1.47%
Q4 2010	1.20%
Q3 2010	0.89%
Q2 2010	0.55%
Q1 2010	0.55%

5.0 RECONCILIATION OF CONTINUITY SCHEDULE VS. RRRs

As per the Continuity Schedule in Attachment 9-2(A), there are only immaterial rounding differences in the account balances as of December 31, 2015 between the continuity schedule and 2.1.7 Electricity Reporting and Record Keeping Requirements ("RRRs") reported to the OEB.

6.0 NEW DEFERRAL AND VARIANCE ACCOUNTS AND SUB-ACCOUNTS

Please see Exhibit 9-2-1 for details regarding the new proposed Standby Variance Account and clearance of Group 1 Accounts into Account 1595.

7.0 ADJUSTMENTS TO DEFERRAL AND VARIANCE ACCOUNTS

Hydro Ottawa confirms it has not made any adjustments to DVA balances that were previously approved by the OEB on a final basis.

8.0 ENERGY SALES AND COST OF POWER EXPENSE BALANCES

The totals of energy sales and cost of power are reconciled to the audited financial statements, please refer to Table 4. The totals of energy sales and cost of power do not net to zero on the Financial Statements due to IFRS 14 Net Movement adjustments, please refer to Table 5 for a Reconciliation of the Audited Financial Statements that include Net Movement and energy sales and cost of power net to zero and balance with the energy sales and cost of power.

The sale of energy and cost of power are flow through items. The components of energy sales and the cost of power are broken down by USofA in Table 5. Hydro Ottawa does not report any difference for financial purposes between the energy sales and the cost of power. As a result, Hydro Ottawa does not derive any economic gain or loss in the flow through of these accounts.

Table 4– Reconciliation to Audited Financial Statements

Reconciliation to Audited Financial Statements - $000's	
Energy Sales	**2015**
Total Energy Sales as per Audited Financial Statements - MIFRS	($890,114)
Cost of Power	
Total Cost of Power as per Audited Financial Statements - MIFRS	$ 867,905
Net Energy Sales and Cost of Power	**(22,209)**

Reconciliation to Audited Financial Statements - Including Net Movement	
Energy Sales	**2015**
Total Energy Sales as per Audited Financial Statements - MIFRS	($890,114,174)
RSVA Power - Net Movement	$ 1,799,204
RSVA Network - Net Movement	$ 66,469
RSVA Wholesale - Net Movement	$ 13,464,317
RSVA Global Adjustment - Class B - Net Movement	$ 6,526,968
RSVA Global Adjustment - Class A - Net Movement	$ 422,375
IFRS 14 Adjustment for Presentation	$ 84,244
TOTAL Energy Sales After Net Movement Adjustments	($867,750,599)

Cost of Power	**2015**
Total Cost of Power as per Audited Financial Statements - MIFRS	$ 867,904,634
RSVA Low Voltage - Net Movement	($182,301)
RSVA Connection - Net Movement	($162,829)
IFRS 14 Adjustment for Presentation	$ 191,095
TOTAL Cost of Power After Net Movement Adjustments	$ 867,750,599
Net Energy Sales and Cost of Power	**$ -**

1 **Table 5 – Cost of Power and Energy Sales**

ENERGY SALES	
Account and Description	**2015**
4006 Residential Energy Sales	($231,844,641)
4020 Energy Sales to Large Users	(51,115,774)
4025 Street Lighting Energy Sales	(4,442,573)
4030 Sentinel Lighting Energy Sales	(5,868)
4035 General Energy Sales	(462,492,483)
4050 Revenue Adjustment	2,221,578
4062 Billed WMS	(29,904,604)
4066 Billed NW	(53,206,183)
4068 Billed CN	(32,870,944)
4075 Billed - LV	(433,022)
4076 Billed Smart Metering Entity Charge	(2,946,096)
COP Reclass	(709,989)
Sum of Energy Sales	**($867,750,599)**
COST OF POWER	
Account and Description	**2015**
4705 Power Purchased	$ 748,389,750
4708 Charges-WMS	29,904,604
4714 Charges-NW	53,206,183
4716 Charges-CN	32,870,944
4750 Charges - LV	433,022
4751 Charges - Smart Metering Charge	2,946,096
Sum of Cost of Power	**$ 867,750,599**
Sum of Energy Sales and Cost of Power	**-**

9.0 IESO GLOBAL ADJUSTMENT CHARGE (RPP AND NON-RPP)

Hydro Ottawa confirms that the Independent Electricity System Operator ("IESO") Global Adjustment Charge is pro-rated between Regulated Price Plan ("RPP") and non-RPP portions.

NEW DEFERRAL AND VARIANCE ACCOUNTS

1.0 INTRODUCTION

This Schedule describes Hydro Ottawa's proposal for two new deferral and variance accounts ("DVAs"). Below Hydro Ottawa describes the eligibility criteria regarding causation, materiality, and prudence for each of the new accounts proposed. In addition, a draft accounting order including mechanics of the account and illustrations of general ledger entries using the Uniform System of Accounts ("USofA") for new DVAs is included, as applicable.

2.0 GROUP 1 ACCOUNTS

Per the Approved Settlement Agreement, Hydro Ottawa will follow the OEB's instruction regarding the clearance of Group 1 Accounts. The Board's Chapter 3 *Filing Requirements for Electricity Distribution Rate Applications,* issued July 14, 2016, sets a disposition threshold of $0.001 per kWh.[1] Consistent with a letter from the Board dated July 25, 2014, distributors also may now elect to dispose of Group 1 account balances below the threshold. Hydro Ottawa's circumstances meet the above-mentioned threshold for Group 1 Accounts.

The OEB has set out specific instructions on how to dispose of Capacity Based Recovery ("CBR") in its *Accounting Guidance on Capacity Based Recovery* issued on July 25, 2016, and in its Supplementary Decision and Order EB-2016-0193 issued on June 16, 2016, regarding the 2016 Wholesale Market Service Rate ("WMSR") and CBR for Class A and Class B Customers. Specifically, on page 6 of the *Accounting Guidance on Capacity Based Recovery,* it is stated that "[i]f the distributor does serve Class A Customers, it must allocate and calculate the volumetric rate riders in the application for non-[wholesale market participant] Class B customers independently of the deferral and variance account models." Hydro Ottawa has complied with this accounting guidance.

[1] Section 3.2.5, p. 10.

Please see Attachment 9-2(B) for the calculation of the aforementioned rate rider. Hydro Ottawa also complies with this accounting guidance whereby only Class B balances are disposed of through rate proceedings.

Hydro Ottawa proposes to dispose of Group 1 DVAs by way of this Application, with the exception of Wholesale Market Participant ("WMP") CBR Class A sub Account of 1580.

3.0 NEW DEFERRAL AND VARIANCE ACCOUNTS BEING REQUESTED

3.1 Standby

As part of finalizing Hydro Ottawa Standby charges within this Application, Hydro Ottawa has proposed a new Reliability Standby Charge to be finalized. This charge is not captured in Hydro Ottawa's Approved Revenue Requirement. Hydro Ottawa is proposing a new Reliability Standby Deferral Account to capture any new revenues and expenses associated with the proposed Reliability Standby Charge to be given to distribution rate customers.

A) To record Reliability Standby incremental revenue into the deferral account. [Note: Parallel entries for expenses related to Reliability Revenue should be made by crediting the related account and debiting this deferral account].

	Debit	Credit
Dr. Account 4080 – Distribution Services Revenue	x,xxx.xx	
Cr. Account 1508 SA – Reliability Standby		x,xxx.xx

B) To record monthly interest.

	Debit	Credit
Dr. Account 6035 – Other Interest Expense	x,xxx.xx	
Cr. Account 1508 SA – Carrying Charges Reliability Standby		x,xxx.xx

Ontario Energy Board

2017 Deferral/Variance Account Workform

Version 2.8

Utility Name	Hydro Ottawa Limited
Service Territory	
Assigned EB Number	EB-2016-0084
Name of Contact and Title	April Barrie, Manager. Rates and Revenue
Phone Number	613-738-5499 ext. 106
Email Address	AprilBarrie@HydroOttawa.com

General Notes

Notes

Pale green cells represent input cells.

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

White cells contain fixed values, automatically generated values or formulae.

Ontario Energy Board

2017 Deferral/Variance Account Workform

Account Descriptions	Account Number	2010									
		Opening Principal Amounts as of Jan-1-10	Transactions[1] Debit / (Credit) during 2010	OEB-Approved Disposition during 2010	Principal Adjustments[2] during 2010	Closing Principal Balance as of Dec-31-10	Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	OEB-Approved Disposition during 2010	Interest Adjustments[1] during 2010	Closing Interest Amounts as of Dec-31-10
Group 1 Accounts											
LV Variance Account	1550	-$465,007	-$1,144,417			-$1,609,423	$9,854	-$8,572			$1,282
Smart Metering Entity Charge Variance Account	1551										
RSVA - Wholesale Market Service Charge[10]	1580	-$8,151,520	-$8,098,525			-$16,250,046	-$170,060	-$104,549			-$274,609
Variance WMS – Sub-account CBR Class A[10]	1580										
Variance WMS – Sub-account CBR Class B[10]	1580										
RSVA - Retail Transmission Network Charge	1584	-$5,627,447	$392,976			-$5,234,471	-$175,452	-$38,900			-$214,352
RSVA - Retail Transmission Connection Charge	1586	-$6,297,270	-$2,755,674			-$9,052,944	-$86,192	-$60,931			-$147,123
RSVA - Power (excluding Global Adjustment)	1588	$7,793,003	$3,479,179			$11,272,182	$163,258	$49,751			$213,009
RSVA - Global Adjustment	1589	$16,654,694	-$6,031,437			$10,623,257	$299,648	$96,331			$395,979
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	-$1,080,273	-$533,002			-$1,613,275	$1,649,384	-$10,515			$1,638,869
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	$0				$0					$0
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	$0				$0					$0
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	$0				$0					$0
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	$0				$0					$0
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	$0				$0					$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595	$0				$0					$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		$2,826,180	-$14,690,899	$0	$0	-$11,864,719	$1,690,440	-$77,386	$0	$0	$1,613,055
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$13,828,514	-$8,659,462	$0	$0	-$22,487,976	$1,390,792	-$173,716	$0	$0	$1,217,076
RSVA - Global Adjustment	**1589**	$16,654,694	-$6,031,437	$0	$0	$10,623,257	$299,648	$96,331	$0	$0	$395,979
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$511,250	$431,280			$942,530	$220	$6,061			$6,281
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[3]	1508										
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	$0	$92,803			$92,803	-$2,124	$2,124			$0
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508					$0					$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508					$0					$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508					$0					$0
Retail Cost Variance Account - Retail	1518	-$605,761	-$188,350			-$794,111	-$11,961	-$5,884			-$17,845
Misc. Deferred Debits	1525					$0	-$82	$82			$0
Retail Cost Variance Account - STR	1548	$780,921	$551,064			$1,331,984	$10,882	$8,070			$18,952
Board-Approved CDM Variance Account	1567					$0					$0
Extra-Ordinary Event Costs	1572					$0					$0
Deferred Rate Impact Amounts	1574					$0					$0
RSVA - One-time	1582	$4,664				$4,664	$17	$37			$54
Other Deferred Credits	2425					$0					$0
Group 2 Sub-Total			$886,797	$0	$0	$1,577,870	-$3,049	$10,492	$0	$0	$7,443
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	-$200,861				-$200,861	-$8,296	-$1,606			-$9,902
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	$0	-$121,512			-$121,512					$0
Total of Group 1 and Group 2 Accounts (including 1592)		$2,625,319	-$13,925,614	$0	$0	-$10,609,222	$1,679,095	-$68,500	$0	$0	$1,610,595
LRAM Variance Account[12]	**1568**	$0				$0					$0
Total including Account 1568			-$13,925,614	$0	$0	-$10,609,222	$1,679,095	-$68,500	$0	$0	$1,610,595
Renewable Generation Connection Capital Deferral Account[9]	1531					$0					$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$0	$197,472			$197,472	$0	$767			$767
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	$92,621			$92,621	$0	$555			$555
Smart Grid Funding Adder Deferral Account	1536					$0					$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555	$0				$0					$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$10,662,940	-$3,949,848			-$14,612,788					$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	$11,758,035	-$2,905,311			$8,852,725					$0
Smart Meter OM&A Variance[5]	1556	$8,874,724	$4,752,896			$13,627,620	-$102,955	-$11,852			-$114,807

Ontario Energy Board

2017 Deferral/Variance Account Workform

Account Descriptions	Account Number	2011									
		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-31-10	OEB-Approved Disposition during 2011	Interest Adjustments[2] during 2011	Closing Interest Amounts as of Dec-31-11
Group 1 Accounts											
LV Variance Account	1550	-$1,609,423	-$1,024,964	-$1,609,423		-$1,024,964	$1,282	-$30,468	-$22,377		-$6,809
Smart Metering Entity Charge Variance Account	1551										
RSVA - Wholesale Market Service Charge[10]	1580	-$16,250,046	-$7,769,682	-$16,250,046		-$7,769,682	-$274,609	-$301,929	-$513,484		-$63,054
Variance WMS – Sub-account CBR Class A[10]	1580										
Variance WMS – Sub-account CBR Class B[10]	1580										
RSVA - Retail Transmission Network Charge	1584	-$5,234,471	$776,427	-$5,234,471		$776,427	-$214,352	-$70,687	-$291,299		$6,260
RSVA - Retail Transmission Connection Charge	1586	-$9,052,944	-$1,220,099	-$9,052,943		-$1,220,100	-$147,123	-$144,981	-$280,201		-$11,903
RSVA - Power (excluding Global Adjustment)	1588	$11,272,182	-$7,111,287	$11,650,893		-$7,489,998	$213,009	$30,356			$243,365
RSVA - Global Adjustment	1589	$10,623,257	-$5,192,002	$10,623,257		-$5,192,002	$395,979	$133,356	$552,141		-$22,806
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	-$1,613,275	-$405,063	-$1,613,274	$405,064	$0	$1,638,869	-$27,337	$1,615,153	$3,621	-$0
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	$0		-$10,623,257		$10,623,257	$0		-$552,141		$552,141
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595	$0				$0	$0				$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-$11,864,719	-$21,946,670	-$22,109,264	$405,064	-$11,297,061	$1,613,055	-$411,690	$507,792	$3,621	$697,193
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$22,487,976	-$16,754,668	-$32,732,521	$405,064	-$6,105,059	$1,217,076	-$545,046	-$44,349	$3,621	$720,000
RSVA - Global Adjustment	**1589**	$10,623,257	-$5,192,002	$10,623,257	$0	-$5,192,002	$395,979	$133,356	$552,141	$0	-$22,806
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$942,530	$705,283	$942,530		$705,283	$6,281	$17,946	$20,145		$4,082
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[3]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	$92,803	$1,270	$94,159		-$86	$0	$1,388			$1,388
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508	$0				$0	$0				$0
Retail Cost Variance Account - Retail	1518	-$794,111	-$148,075	-$823,629		-$118,557	-$17,845	-$12,732			-$30,576
Misc. Deferred Debits	1525	$0				$0	$0				$0
Retail Cost Variance Account - STR	1548	$1,331,984	-$893,533			$438,451	$18,952	$23,399			$42,350
Board-Approved CDM Variance Account	1567	$0				$0	$0				$0
Extra-Ordinary Event Costs	1572	$0				$0	$0				$0
Deferred Rate Impact Amounts	1574	$0				$0	$0				$0
RSVA - One-time	1582	$4,664		$4,786		-$123	$54	$69			$123
Other Deferred Credits	2425	$0				$0	$0				$0
Group 2 Sub-Total		$1,577,870	-$335,055	$217,846	$0	$1,024,968	$7,443	$30,069	$20,145	$0	$17,367
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	-$200,861		-$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	-$121,512	-$423,171			-$544,683	$0				$0
Total of Group 1 and Group 2 Accounts (including 1592)		-$10,609,222	-$22,704,896	-$22,092,279	$405,064	-$10,816,775	$1,610,595	-$384,573	$515,082	$3,621	$714,561
LRAM Variance Account[12]	**1568**	$0				$0	$0				$0
Total including Account 1568		-$10,609,222	-$22,704,896	-$22,092,279	$405,064	-$10,816,775	$1,610,595	-$384,573	$515,082	$3,621	$714,561
Renewable Generation Connection Capital Deferral Account[9]	1531	$0				$0	$0				$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$197,472	$211,064			$408,537	$767	$4,219			$4,985
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	$92,621	$95,856			$188,477	$555	$1,739			$2,294
Smart Grid Funding Adder Deferral Account	1536	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$14,612,788	-$3,343,772			-$17,956,560	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	$8,852,725	-$2,882,519			$5,970,205	$0				$0
Smart Meter OM&A Variance[5]	1556	$13,627,620	$5,268,480			$18,896,100	-$114,807	-$394,587			-$509,395

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Account Descriptions	Account Number	2012									
		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	-$1,024,964	-$30,829			-$1,055,793	-$6,809	-$15,282			-$22,092
Smart Metering Entity Charge Variance Account	1551										
RSVA - Wholesale Market Service Charge[10]	1580	-$7,769,682	-$9,808,445			-$17,578,127	-$63,054	-$178,134			-$241,188
Variance WMS – Sub-account CBR Class A[10]	1580										
Variance WMS – Sub-account CBR Class B[10]	1580										
RSVA - Retail Transmission Network Charge	1584	$776,427	-$1,681,231			-$904,804	$6,260	$3,977			$10,237
RSVA - Retail Transmission Connection Charge	1586	-$1,220,100	-$1,683,899			-$2,903,999	-$11,903	-$24,873			-$36,775
RSVA - Power (excluding Global Adjustment)	1588	-$7,489,998	-$288,893			-$7,778,891	$243,365	-$131,402			$111,964
RSVA - Global Adjustment	1589	-$5,192,002	-$5,253,421			-$10,445,423	-$22,806	-$127,080			-$149,886
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	$0				$0	-$0				-$0
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	$0	$20,740,824	$21,566,079		-$825,255	$0	-$188,428	-$782,598		$594,170
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	$10,623,257	-$11,455,366	$0		-$832,109	$552,141	$85,259			$637,400
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	$0	$0			$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595	$0				$0	$0				$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-$11,297,061	-$9,461,260	$21,566,079	$0	-$42,324,400	$697,193	-$575,964	-$782,598	$0	$903,828
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$6,105,059	-$4,207,839	$21,566,079	$0	-$31,878,977	$720,000	-$448,884	-$782,598	$0	$1,053,714
RSVA - Global Adjustment	**1589**	-$5,192,002	-$5,253,421	$0	$0	-$10,445,423	-$22,806	-$127,080	$0	$0	-$149,886
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$705,283	$274,349			$979,632	$4,082	$11,689			$15,771
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[3]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	-$86				-$86	$1,388	-$1			$1,386
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508	$0	$4,976,895			$4,976,895	$0				$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508	$0				$0	$0				$0
Retail Cost Variance Account - Retail	1518	-$118,557	-$102,703			-$221,259	-$30,576	-$2,445			-$33,021
Misc. Deferred Debits	1525	$0				$0	$0				$0
Retail Cost Variance Account - STR	1548	$438,451	$442,637			$881,088	$42,350	$10,058			$52,408
Board-Approved CDM Variance Account	1567	$0				$0	$0				$0
Extra-Ordinary Event Costs	1572	$0				$0	$0				$0
Deferred Rate Impact Amounts	1574	$0				$0	$0				$0
RSVA - One-time	1582	-$123				-$123	$123	-$2			$121
Other Deferred Credits	2425	$0				$0	$0				$0
Group 2 Sub-Total		$1,024,968	$5,591,178	$0	$0	$6,616,146	$17,367	$19,300	$0	$0	$36,667
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	-$544,683				-$544,683	$0				$0
Total of Group 1 and Group 2 Accounts (including 1592)		-$10,816,775	-$3,870,082	$21,566,079	$0	-$36,252,937	$714,561	-$556,664	-$782,598	$0	$940,494
LRAM Variance Account[12]	**1568**	$0				$0	$0				$0
Total including Account 1568		-$10,816,775	-$3,870,082	$21,566,079	$0	-$36,252,937	$714,561	-$556,664	-$782,598	$0	$940,494
Renewable Generation Connection Capital Deferral Account[9]	1531	$0				$0	$0				$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$408,537				$408,537	$4,985	$6,022			$11,007
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	$188,477				$188,477	$2,294	$2,778			$5,072
Smart Grid Funding Adder Deferral Account	1536	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$17,956,560	-$1,474,685			-$19,431,245	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	$5,970,205	-$2,986,888			$2,983,317	$0				$0
Smart Meter OM&A Variance[5]	1556	$18,896,100				$18,896,100	-$509,395				-$509,395

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Account Descriptions	Account Number	2013 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
Group 1 Accounts											
LV Variance Account	1550	-$1,055,793	$15,980	-$1,024,964		-$14,849	-$22,092	-$1,109	-$21,877		-$1,324
Smart Metering Entity Charge Variance Account	1551	$0	$159,042	$0		$159,042	$0	$1,811	$0		$1,811
RSVA - Wholesale Market Service Charge[10]	1580	-$17,578,127	-$5,223,229	-$7,769,681		-$15,031,675	-$241,188	-$194,941	-$177,269		-$258,861
Variance WMS – Sub-account CBR Class A[10]	1580										
Variance WMS – Sub-account CBR Class B[10]	1580										
RSVA - Retail Transmission Network Charge	1584	-$904,804	$563,006	$776,426		-$1,118,224	$10,237	-$14,417	$17,673		-$21,853
RSVA - Retail Transmission Connection Charge	1586	-$2,903,999	-$1,703,996	-$1,220,099		-$3,387,896	-$36,775	-$32,194	-$29,838		-$39,131
RSVA - Power (excluding Global Adjustment)	1588	-$7,778,891	$9,979,249	-$7,489,997	-$5,010,026	$4,680,329	$111,964	-$21,749	$133,261		-$43,047
RSVA - Global Adjustment	1589	-$10,445,423	-$1,288,246	-$5,192,002		-$6,541,667	-$149,886	-$20,555	-$99,128		-$71,314
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	$0				$0	-$0				-$0
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	-$825,255	-$461,966			-$1,287,221	$594,170	-$24,722			$569,447
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	-$832,109	-$449,650			-$1,281,759	$637,400	-$14,681			$622,718
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	$0	-$11,831			-$11,831	$0	-$138,505			-$138,505
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595	$0				$0	$0				$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-$42,324,400	$1,578,359	-$21,920,317	-$5,010,026	-$23,835,750	$903,828	-$461,062	-$177,178	$0	$619,943
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$31,878,977	$2,866,605	-$16,728,315	-$5,010,026	-$17,294,083	$1,053,714	-$440,507	-$78,050	$0	$691,257
RSVA - Global Adjustment	**1589**	-$10,445,423	-$1,288,246	-$5,192,002	$0	-$6,541,667	-$149,886	-$20,555	-$99,128	$0	-$71,314
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$979,632	$133,197			$1,112,829	$15,771	$14,969			$30,741
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[3]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	-$86				-$86	$1,386	-$1			$1,385
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508	$4,976,895	-$1,867,100			$3,109,795	$0				$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508	$0				$0	$0				$0
Retail Cost Variance Account - Retail	1518	-$221,259	-$65,539			-$286,799	-$33,021	-$3,715			-$36,736
Misc. Deferred Debits	1525	$0				$0	$0				$0
Retail Cost Variance Account - STR	1548	$881,088	$407,733			$1,288,821	$52,408	$15,835			$68,243
Board-Approved CDM Variance Account	1567	$0				$0	$0				$0
Extra-Ordinary Event Costs	1572	$0				$0	$0				$0
Deferred Rate Impact Amounts	1574	$0				$0	$0				$0
RSVA - One-time	1582	-$123				-$123	$121	-$2			$119
Other Deferred Credits	2425	$0				$0	$0				$0
Group 2 Sub-Total		$6,616,146	-$1,391,709	$0	$0	$5,224,437	$36,667	$27,087	$0	$0	$63,753
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	-$544,683				-$544,683	$0				$0
Total of Group 1 and Group 2 Accounts (including 1592)		-$36,252,937	$186,649	-$21,920,317	-$5,010,026	-$19,155,996	$940,494	-$433,976	-$177,178	$0	$683,696
LRAM Variance Account[12]	**1568**	$0	-$779,519		$100,859	-$678,660	$0	-$3,316		$2,733	-$583
Total including Account 1568		-$36,252,937	-$592,870	-$21,920,317	-$4,909,167	-$19,834,656	$940,494	-$437,292	-$177,178	$2,733	$683,113
Renewable Generation Connection Capital Deferral Account[9]	1531	$0				$0	$0				$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$408,537				$408,537	$11,007	$6,006			$17,013
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	$188,477				$188,477	$5,072	$2,771			$7,842
Smart Grid Funding Adder Deferral Account	1536	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$19,431,245				-$19,431,245	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	$2,983,317	-$2,983,317			-$0	$0				$0
Smart Meter OM&A Variance[5]	1556	$18,896,100				$18,896,100	-$509,395				-$509,395

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Account Descriptions	Account Number	2014 Opening Principal Amounts as of Jan-1-14	Transactions[1] Debit / (Credit) during 2014	OEB-Approved Disposition during 2014	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
Group 1 Accounts											
LV Variance Account	1550	-$14,849	$22,091	-$30,829		$38,071	-$1,324	$1,000	-$668		$344
Smart Metering Entity Charge Variance Account	1551	$159,042	-$115,435	$0		$43,607	$1,811	$1,762	$0		$3,573
RSVA - Wholesale Market Service Charge[10]	1580	-$15,031,675	-$958,913	-$9,808,445		-$6,182,143	-$258,861	-$237,221	-$208,104		-$287,978
Variance WMS – Sub-account CBR Class A[10]	1580										
Variance WMS – Sub-account CBR Class B[10]	1580										
RSVA - Retail Transmission Network Charge	1584	-$1,118,224	-$2,087,168	-$1,681,231		-$1,524,161	-$21,853	-$39,154	-$32,150		-$28,857
RSVA - Retail Transmission Connection Charge	1586	-$3,387,896	$7,365	-$1,683,899		-$1,696,632	-$39,131	-$54,262	-$31,690		-$61,703
RSVA - Power (excluding Global Adjustment)	1588	$4,680,329	-$9,520,151	-$288,894		-$4,550,928	-$43,047	-$64,514	-$25,546		-$82,014
RSVA - Global Adjustment	1589	-$6,541,667	$13,456,856	-$5,253,421		$12,168,610	-$71,314	-$48,991	-$127,983		$7,678
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	$0				$0	-$0				-$0
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	-$1,287,221	$4,925			-$1,282,296	$569,447	-$18,869			$550,579
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	-$1,281,759	-$370,120			-$1,651,880	$622,718	-$21,321			$601,398
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	-$11,831	-$236,158			-$247,989	-$138,505	-$2,460			-$140,965
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	$0	-$631,762			-$631,762	$0	-$131,435			-$131,435
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595	$0				$0	$0				$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-$23,835,750	-$428,470	-$18,746,719	$0	-$5,517,501	$619,943	-$615,465	-$426,141	$0	$430,619
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$17,294,083	-$13,885,326	-$13,493,298	$0	-$17,686,112	$691,257	-$566,474	-$298,158	$0	$422,941
RSVA - Global Adjustment	**1589**	-$6,541,667	$13,456,856	-$5,253,421	$0	$12,168,610	-$71,314	-$48,991	-$127,983	$0	$7,678
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$1,112,829	$110,160			$1,222,989	$30,741	$16,804			$47,544
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[3]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	-$86				-$86	$1,385	-$1			$1,384
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508	$3,109,795	$1,321,800			$4,431,595	$0				$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508	$0				$0	$0				$0
Retail Cost Variance Account - Retail	1518	-$286,799	-$44,891			-$331,689	-$36,736	-$4,533			-$41,269
Misc. Deferred Debits	1525	$0				$0	$0				$0
Retail Cost Variance Account - STR	1548	$1,288,821	$408,439			$1,697,259	$68,243	$21,737			$89,980
Board-Approved CDM Variance Account	1567	$0				$0	$0				$0
Extra-Ordinary Event Costs	1572	$0				$0	$0				$0
Deferred Rate Impact Amounts	1574	$0				$0	$0				$0
RSVA - One-time	1582	-$123				-$123	$119	-$2			$117
Other Deferred Credits	2425	$0				$0	$0				$0
Group 2 Sub-Total		$5,224,437	$1,795,508	$0	$0	$7,019,945	$63,753	$34,004	$0	$0	$97,758
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	-$544,683				-$544,683	$0				$0
Total of Group 1 and Group 2 Accounts (including 1592)		-$19,155,996	$1,367,038	-$18,746,719	$0	$957,761	$683,696	-$581,460	-$426,141	$0	$528,377
LRAM Variance Account[12]	**1568**	-$678,660				-$678,660	-$583				-$583
Total including Account 1568		-$19,834,656	$1,367,038	-$18,746,719	$0	$279,101	$683,113	-$581,460	-$426,141	$0	$527,794
Renewable Generation Connection Capital Deferral Account[9]	1531	$0				$0	$0				$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$408,537				$408,537	$17,013	$6,006			$23,018
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	$188,477				$188,477	$7,842	$2,771			$10,613
Smart Grid Funding Adder Deferral Account	1536	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$19,431,245	$19,431,245			-$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	-$0	-$2,986,888			-$2,986,888	$0				$0
Smart Meter OM&A Variance[5]	1556	$18,896,100	-$18,386,705			$509,394	-$509,395				-$509,395

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Account Descriptions	Account Number	2015 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	Opening Interest Amounts as of Jan-1-15	Interest Jan-1 to Dec-31-15	OEB-Approved Disposition during 2015	Interest Adjustments[2] during 2015	Closing Interest Amounts as of Dec-31-15
Group 1 Accounts											
LV Variance Account	1550	$38,071	$182,301			$220,372	$344	$1,741			$2,085
Smart Metering Entity Charge Variance Account	1551	$43,607	-$193,675			-$150,068	$3,573	-$262			$3,311
RSVA - Wholesale Market Service Charge[10]	1580	-$6,182,143	-$15,345,233			-$21,527,376	-$287,978	-$117,550			-$405,528
Variance WMS – Sub-account CBR Class A[10]	1580	$0	$90,421			$90,421	$0	$318			$318
Variance WMS – Sub-account CBR Class B[10]	1580	$0	$1,790,495			$1,790,495	$0	$5,866			$5,866
RSVA - Retail Transmission Network Charge	1584	-$1,524,161	-$66,469			-$1,590,630	-$28,857	-$17,006			-$45,863
RSVA - Retail Transmission Connection Charge	1586	-$1,696,632	$162,829			-$1,533,803	-$61,703	-$15,981			-$77,685
RSVA - Power (excluding Global Adjustment)	1588	-$4,550,928	-$1,799,204			-$6,350,131	-$82,014	-$45,929			-$127,943
RSVA - Global Adjustment	1589	$12,168,610	-$6,949,342			$5,219,268	$7,678	$91,674			$99,352
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	$0				$0	-$0				-$0
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	-$1,282,296	-$1,830			-$1,284,126	$550,579	-$15,275			$535,303
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	-$1,651,880	-$188,934			-$1,840,814	$601,398	-$20,249			$581,148
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	-$247,989	-$2,020			-$250,008	-$140,965	-$3,883			-$144,848
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	-$631,762	$111,120			-$520,642	-$131,435	-$6,517			-$137,952
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	$0				$0	$0				$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595	$0				$0	$0				$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-$5,517,501	-$22,209,541	$0	$0	-$27,727,042	$430,619	-$143,054	$0	$0	$287,565
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$17,686,112	-$15,260,198	$0	$0	-$32,946,310	$422,941	-$234,728	$0	$0	$188,214
RSVA - Global Adjustment	**1589**	$12,168,610	-$6,949,342	$0	$0	$5,219,268	$7,678	$91,674	$0	$0	$99,352
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$1,222,989	$140,945			$1,363,934	$47,544	$27,505			$75,049
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[3]	1508	$0				$0	$0				$0
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	-$86				-$86	$1,384	-$1			$1,383
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508	$4,431,595				$4,431,595	$0				$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508	$0	$50,731			$50,731	$0	$334			$334
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508	$0				$0	$0				$0
Retail Cost Variance Account - Retail	1518	-$331,689	-$39,487			-$371,176	-$41,269	-$4,134			-$45,403
Misc. Deferred Debits	1525	$0				$0	$0				$0
Retail Cost Variance Account - STR	1548	$1,697,259	$314,008			$2,011,268	$89,980	$22,121			$112,101
Board-Approved CDM Variance Account	1567	$0				$0	$0				$0
Extra-Ordinary Event Costs	1572	$0				$0	$0				$0
Deferred Rate Impact Amounts	1574	$0				$0	$0				$0
RSVA - One-time	1582	-$123				-$123	$117	-$1			$116
Other Deferred Credits	2425	$0				$0	$0				$0
Group 2 Sub-Total		$7,019,945	$466,198	$0	$0	$7,486,143	$97,758	$45,823	$0	$0	$143,580
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	-$544,683				-$544,683	$0	-$32,295			-$32,295
Total of Group 1 and Group 2 Accounts (including 1592)		$957,761	-$21,743,343	$0	$0	-$20,785,582	$528,377	-$129,526	$0	$0	$398,851
LRAM Variance Account[12]	**1568**	-$678,660	$528,677			-$149,982	-$583	-$8,084			-$8,668
Total including Account 1568		$279,101	-$21,214,666	$0	$0	-$20,935,564	$527,794	-$137,611	$0	$0	$390,183
Renewable Generation Connection Capital Deferral Account[9]	1531	$0				$0	$0				$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$408,537				$408,537	$23,018	$4,867			$27,885
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	$188,477				$188,477	$10,613	$2,245			$12,858
Smart Grid Funding Adder Deferral Account	1536	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555	$0				$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$0				-$0	$0				$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	-$2,986,888	-$2,986,888			-$5,973,776	$0				$0
Smart Meter OM&A Variance[5]	1556	$509,394				$509,394	-$509,395				-$509,395

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2017 Deferral/Variance Account Workform

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

If you have only Class B customers, the balance applicable to Class B will be allocated and disposed with Account 1580 when the check box below is left unchecked See note 10 below.

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

Account Descriptions	Account Number	2016 Principal Disposition during 2016 - instructed by OEB	2016 Interest Disposition during 2016 - instructed by OEB	2016 Closing Principal Balances as of Dec 31-15 Adjusted for Dispositions during 2016	2016 Closing Interest Balances as of Dec 31-15 Adjusted for Dispositions during 2016	Projected Interest on Dec-31-15 Balances: Projected Interest from Jan 1, 2016 to December 31, 2016 on Dec 31 -15 balance adjusted for disposition during 2016 [7]	Projected Interest from January 1, 2017 to April 30, 2017 on Dec 31 -15 balance adjusted for disposition during 2016 [7]	Total Interest	Total Claim	2.1.7 RRR: As of Dec 31-15	Variance RRR vs. 2015 Balance (Principal + Interest)
Group 1 Accounts											
LV Variance Account	1550	$38,071	$798	$182,301	$1,287	$2,005		$3,292	$185,593.31	$222,457	-$0
Smart Metering Entity Charge Variance Account	1551	$43,607	$4,093	-$193,675	-$782	-$2,130		-$2,912	-$196,587.09	-$146,756	$0
RSVA - Wholesale Market Service Charge[10]	1580	-$6,182,143	-$361,700	-$15,345,233	-$43,828	-$16,880		-$60,708	-$15,405,941.01	-$21,932,905	-$1
Variance WMS – Sub-account CBR Class A[10]	1580			$90,421	$318	$0		$318 ☐ Check to Dispose of Account	$0.00	$90,739	$0
Variance WMS – Sub-account CBR Class B[10]	1580	$0	$0	$1,790,495	$5,866	$19,695		$25,562 ☐ Check to Dispose of Account	$0.00	$1,796,361	$0
RSVA - Retail Transmission Network Charge	1584	-$1,524,161	-$47,032	-$66,469	$1,169	-$731		$438	-$66,030.87	-$1,636,493	-$0
RSVA - Retail Transmission Connection Charge	1586	-$1,696,632	-$81,936	$162,829	$4,251	$1,791		$6,042	$168,871.64	-$1,611,487	$0
RSVA - Power (excluding Global Adjustment)	1588	-$4,550,928	-$136,284	-$1,799,204	$8,341	-$19,791		-$11,451	-$1,810,654.20	-$6,478,074	$0
RSVA - Global Adjustment	1589	$12,168,610	$152,789	-$6,949,342	-$53,437	-$76,443		-$129,880	-$7,079,222.51	$5,318,620	$0
Disposition and Recovery/Refund of Regulatory Balances (2009)[8]	1595	$0	-$0	-$0	$0	-$0		$0 ☐ Check to Dispose of Account	$0.00		-$0
Disposition and Recovery/Refund of Regulatory Balances (2010)[8]	1595	$0	$0	-$1,284,126	$535,303	-$14,125		$521,178 ☐ Check to Dispose of Account	-$762,948.28		$748,823
Disposition and Recovery/Refund of Regulatory Balances (2011)[8]	1595	-$1,282,296	$535,287	-$558,518	$45,861	-$6,144		$39,718 ☐ Check to Dispose of Account	-$518,799.91	-$2,008,488	-$748,823
Disposition and Recovery/Refund of Regulatory Balances (2012)[8]	1595	-$1,651,880	$581,699	$1,401,871	-$726,547	$15,421		-$711,126 ☐ Check to Dispose of Account	$690,744.95	-$394,856	$0
Disposition and Recovery/Refund of Regulatory Balances (2013)[8]	1595	-$247,989	-$143,922	-$272,654	$5,970	-$2,999		$2,971 ☐ Check to Dispose of Account	-$269,682.69	-$658,594	$0
Disposition and Recovery/Refund of Regulatory Balances (2014)[8]	1595	-$631,762	-$138,969	$631,762	$138,969	$6,949		$145,918 ☐ Check to Dispose of Account	$777,680.51		$0
Disposition and Recovery/Refund of Regulatory Balances (2015)[8]	1595			$0	$0			$0 ☐ Check to Dispose of Account	$0.00		$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-$5,517,501	$364,823	-$22,209,541	-$77,257	-$93,382	$0	-$170,639	-$24,286,976.14	-$27,439,478	-$1
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-$17,686,112	$212,034	-$15,260,198	-$23,820	-$16,939	$0	-$40,759	-$17,207,753.63	-$32,758,097	-$1
RSVA - Global Adjustment	**1589**	$12,168,610	$152,789	-$6,949,342	-$53,437	-$76,443	$0	-$129,880	-$7,079,222.51	$5,318,620	$0
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	$1,363,934	$75,049	$0	-$0	$0		-$0 ☐ Check to Dispose of Account	$0.00	$1,438,984	$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	-$502,482		$502,482	$0			$0 ☐ **Check to Dispose of Account**	$0.00		$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act[3]	1508			$0	$0			$0 ☐ Check to Dispose of Account	$0.00		$0
Other Regulatory Assets - Sub-Account - Capital Charges [4]	1508	-$86	$1,385	$0	-$2	$0		-$2 ☐ Check to Dispose of Account	$0.00	$1,297	$0
Other Regulatory Assets - Sub-Account - P & OPEB [4]	1508	$4,431,595		$0	$0			$0 ☐ Check to Dispose of Account	$0.00	$4,431,595	$0
Other Regulatory Assets - Sub-Account - East Energy Cost Defer Cost [4]	1508			$50,731	$334	$558		$892 ☐ Check to Dispose of Account	$0.00	$51,065	$0
Other Regulatory Assets - Sub-Account - Pole Attachment Charge Revenues Variance Account [4]	1508			$0	$0	$226,530		$226,530 ☐ **Check to Dispose of Account**	$226,530.27		$0
Retail Cost Variance Account - Retail	1518	-$331,689	-$45,224	-$39,487	-$179	-$434		-$613 ☐ Check to Dispose of Account	$0.00	-$416,579	$0
Misc. Deferred Debits	1525			$0	$0			$0 ☐ Check to Dispose of Account	$0.00	$0	-$0
Retail Cost Variance Account - STR	1548	$1,697,259	$110,220	$314,008	$1,881	$3,454		$5,335 ☐ Check to Dispose of Account	$0.00	$2,123,370	$1
Board-Approved CDM Variance Account	1567			$0	$0			$0 ☐ Check to Dispose of Account	$0.00		$0
Extra-Ordinary Event Costs	1572			$0	$0			$0 ☐ Check to Dispose of Account	$0.00		$0
Deferred Rate Impact Amounts	1574			$0	$0			$0 ☐ Check to Dispose of Account	$0.00		$0
RSVA - One-time	1582	-$123	$116	$0	$0	$0		$0 ☐ Check to Dispose of Account	$0.00	-$7	-$0
Other Deferred Credits	2425			$0	$0			$0 ☐ Check to Dispose of Account	$0.00		$0
Group 2 Sub-Total		$6,658,409	$141,546	$827,734	$2,034	$230,108	$0	$232,142	$226,530.27	$7,629,724	$1
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	$0	$0	$0	-$0	$0		-$0 ☐ Check to Dispose of Account	$0.00	$0	-$1
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	-$544,683	-$38,516	$0	$6,221			$6,221 ☐ Check to Dispose of Account	$0.00	-$576,978	$0
Total of Group 1 and Group 2 Accounts (including 1592)		$596,225	$467,853	-$21,381,807	-$69,002	$136,726	$0	$67,724	-$24,060,445.87	-$20,386,732	-$0
LRAM Variance Account[12]	**1568**	-$678,660	-$8,677	$528,677	$9	$5,815		$5,824 ☐ Check to Dispose of Account	$0.00	-$158,650	$0
Total including Account 1568		-$82,435	$459,176	-$20,853,129	-$68,994	$142,542	$0	$73,548	-$24,060,445.87	-$20,545,382	-$0
Renewable Generation Connection Capital Deferral Account[9]	1531			$0	$0			$0	$0.00	$0	$0
Renewable Generation Connection OM&A Deferral Account[9]	1532	$408,537	$27,890	$0	-$5	$0		-$5 ☐ Check to Dispose of Account	$0.00	$436,421	-$0
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	$188,477	$12,861	$0	-$2	$0		-$2	-$2.43	$201,335	$0
Smart Grid Funding Adder Deferral Account	1536			$0	$0			$0	$0.00		$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital[5]	1555			$0	$0			$0	$0.00		$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries[5]	1555	-$0		-$0	$0	-$0		-$0	-$0.00	$0	$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs[5]	1555	-$5,973,776		$0	$0	$0		$0	$0.00	-$5,973,776	$0
Smart Meter OM&A Variance[5]	1556	$509,394	-$509,395	-$0	$0	-$0		-$0	-$0.00	$0	$0

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2017 Deferral/Variance Account Workform

Accounts that produced a variance on the continuity schedule are listed below.
Please provide a detailed explanation for each variance below.

Account Descriptions	Account Number	Variance RRR vs. 2015 Balance *(Principal + Interest)*	Explanation
LV Variance Account	1550	$ (0.39)	Rounding - Not Material
RSVA - Wholesale Market Service Charge10	1580	$ (0.77)	Rounding - Not Material
RSVA - Retail Transmission Network Charge	1584	$ (0.46)	Rounding - Not Material
RSVA - Retail Transmission Connection Charge	1586	$ 0.17	Rounding - Not Material
RSVA - Power (excluding Global Adjustment)	1588	$ 0.45	Rounding - Not Material
RSVA - Global Adjustment	1589	$ 0.26	Rounding - Not Material
Disposition and Recovery/Refund of Regulatory Balances (2009)8	1595	$ (0.01)	Rounding - Not Material
Disposition and Recovery/Refund of Regulatory Balances (2010)8	1595	$ 748,822.89	Disposition and Recovery/Refund of Regulatory Balances for 2010 & 2011 Net to Zero
Disposition and Recovery/Refund of Regulatory Balances (2011)8	1595	$ (748,823.11)	Disposition and Recovery/Refund of Regulatory Balances for 2010 & 2011 Net to Zero
Disposition and Recovery/Refund of Regulatory Balances (2012)8	1595	$ 0.04	Rounding - Not Material
Disposition and Recovery/Refund of Regulatory Balances (2013)8	1595	$ 0.21	Rounding - Not Material
Other Regulatory Assets - Sub-Account - Capital Charges 4	1508	$ 0.10	Rounding - Not Material
Retail Cost Variance Account - Retail	1518	$ 0.37	Rounding - Not Material
Misc. Deferred Debits	1525	$ (0.40)	Rounding - Not Material
Retail Cost Variance Account - STR	1548	$ 0.81	Rounding - Not Material
RSVA - One-time	1582	$ (0.01)	Rounding - Not Material
PILs and Tax Variance for 2006 and Subsequent Years	(excl 1592	$ (0.52)	Rounding - Not Material
Renewable Generation Connection OM&A Deferral Account9	1532	$ (0.01)	Rounding - Not Material
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries5	1555	$ 0.14	Rounding - Not Material
Smart Meter OM&A Variance5	1556	$ 0.32	Rounding - Not Material

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2017 Deferral/Variance Account Workform

If a Class B customer switched into Class A during the 2015 rate year, click this check box: ☑

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

In the green shaded cells, enter the data related to the **proposed** load forecast. Do not enter data for the MicroFit class.

			A		B			C		D=A-C		E	
Rate Class (Enter Rate Classes in cells below as they appear on your current tariff of rates and charges)	**Units**	**# of Customers**	**Total Metered kWh**	**Total Metered kW**	**Metered kWh for Non-RPP Customers**	**Estimated Metered kW for Non-RPP Customers**	**Distribution Revenue**	**Metered kWh for Wholesale Market Participants (WMP)**	**Metered kW for Wholesale Market Participants (WMP)**	**Total Metered kWh less WMP consumption** *(if applicable)*	**Total Metered kW less WMP consumption** *(if applicable)*	**Metered kWh for any Class A Customers in 2015 (partial or full year) (if applicable)***	**Metered kWh Consumption for New Class A customer(s) in the period prior to becoming Class A (i.e. Jan. 1 - June 30, 2015)**
RESIDENTIAL	kWh	301,258	2,198,259,000		89,475,408	-	93,241,643			2,198,259,000	-		
GENERAL SERVICE LESS THAN 50KW	kWh	24,626	716,896,000		104,595,553	-	21,581,215			716,896,000	-		
GENERAL SERVICE 50 TO 1,499 KW	kW	3,323	2,907,445,000	6,908,640	2,326,749,868	5,528,798	37,851,271			2,907,445,000	6,908,640		
GENERAL SERVICE 1,500 TO 4,999 KW	kW	76	877,400,000	1,877,691	832,087,062	1,780,718	11,181,761	37,835,194	67,462	839,564,806	1,810,229		
LARGE USE	kW	11	619,253,000	1,119,726	519,604,025	939,542	6,175,787			619,253,000	1,119,726	586,776,668	- 72,452,293
UNMETERED SCATTERED LOAD	kWh	3,525	16,690,000			-	571,198			16,690,000	-		
STANDBY POWER GENERAL SERVICE 50 TO 1,499 KW	kW					-				-	-		
STANDBY POWER GENERAL SERVICE 1,500 TO 4,999 KW	kW	2		4,800		-	10,956			-	4,800		
STANDBY POWER GENERAL SERVICE LARGE USE	kW					-				-	-		
SENITEL LIGHTING	kW	51	48,000	216		-	4,513			48,000	216		
STREET LIGHTING	kW	55,516	43,653,000	123,144	45,097,288	127,218	1,228,726			43,653,000	123,144		
MICROFIT AND MICRO-NET METERING						-				-	-		
FIT						-				-	-		
HCI, RESOP, OTHER ENERGY RESOURCE SERVICE						-				-	-		
						-				-	-		
						-				-	-		
						-				-	-		
						-				-	-		
						-				-	-		
						-				-	-		
Total		**388,388**	**7,379,644,000**	**10,034,217**	**3,917,609,203**	**8,376,277**	**$ 171,847,070**	**37,835,194**	**67,462**	**7,341,808,806**	**9,966,755**	**586,776,668**	

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

[1] Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

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

Ontario Energy Board

2017 Deferral/Variance Account Workform

		Amounts from Sheet 2	Allocator	RESIDENTIAL	GENERAL SERVICE LESS THAN 50KW	GENERAL SERVICE 50 TO 1,499 KW	GENERAL SERVICE 1,500 TO 4,999 KW	LARGE USE	UNMETERED SCATTERED LOAD	STANDBY POWER GENERAL SERVICE 50 TO 1,499 KW
LV Variance Account	1550	185,593	kWh	55,285	18,029	73,120	22,066	15,574	420	0
Smart Metering Entity Charge Variance Account	1551	(196,587)	# of Customers	(181,732)	(14,855)	0	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(15,405,941)	kWh	(4,612,794)	(1,504,324)	(6,100,939)	(1,761,730)	(1,299,431)	(35,022)	0
RSVA - Retail Transmission Network Charge	1584	(66,031)	kWh	(19,669)	(6,415)	(26,015)	(7,851)	(5,541)	(149)	0
RSVA - Retail Transmission Connection Charge	1586	168,872	kWh	50,304	16,405	66,532	20,078	14,171	382	0
RSVA - Power (excluding Global Adjustment)	1588	(1,810,654)	kWh	(542,140)	(176,803)	(717,041)	(207,055)	(152,722)	(4,116)	0
RSVA - Global Adjustment	1589	(7,235,634)	Non-RPP kWh	(192,370)	(224,878)	(5,002,455)	(1,707,622)	(11,351)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	(762,948)	kWh	(227,268)	(74,117)	(300,588)	(90,710)	(64,022)	(1,726)	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	(518,800)	kWh	(154,541)	(50,399)	(204,398)	(61,683)	(43,534)	(1,173)	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	690,745	kWh	205,760	67,102	272,141	82,126	57,963	1,562	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	(269,683)	kWh	(80,333)	(26,198)	(106,250)	(32,064)	(22,630)	(610)	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	777,681	kWh	231,657	75,548	306,392	92,462	65,258	1,759	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	kWh	0	0	0	0	0	0	0
Total of Group 1 Accounts (excluding 1589)		**(17,207,754)**		**(5,275,472)**	**(1,676,025)**	**(6,737,045)**	**(1,944,361)**	**(1,434,915)**	**(38,674)**	**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 Recovery Variance - Ontario Clean Energy Benefit Act	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Other	1508	226,530	kWh	67,479	22,006	89,249	26,933	19,009	512	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	1567	0	kWh	0	0	0	0	0	0	0
Extra-Ordinary Event Costs	1572	0	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	0	kWh	0	0	0	0	0	0	0
Total of Group 2 Accounts		**226,530**		**67,479**	**22,006**	**89,249**	**26,933**	**19,009**	**512**	**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	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	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	0
(Account 1568 - total amount allocated to classes)		0								
Variance		**0**								
Renewable Generation Connection OM&A Deferral Account	1532	**0**	kWh	0	0	0	0	0	0	0
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)		**8,842**		**(120,538)**	**5,101**	**80,935**	**24,424**	**17,238**	**465**	**0**
Total of Account 1580 and 1588 (not allocated to WMPs)		**(17,216,595)**		**(5,154,933)**	**(1,681,126)**	**(6,817,980)**	**(1,968,786)**	**(1,452,153)**	**(39,138)**	**0**
Balance of Account 1589 Allocated to Non-WMPs		**(7,235,634)**		**(192,370)**	**(224,878)**	**(5,002,455)**	**(1,707,622)**	**(11,351)**	**0**	**0**
Group 2 Accounts (including 1592, 1532)		**226,530**		**67,479**	**22,006**	**89,249**	**26,933**	**19,009**	**512**	**0**
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**

Account 1589 reference calculation by customer and consumption	
Account 1589 / Number of Customers	($18.23)
1589/total kwh	($0.0010)

Ontario Energy Board

2017 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	SENITEL LIGHTING	STREET LIGHTING	MICROFIT AND MICRO-NET METERING	FIT
LV Variance Account	1550	185,593	kWh	0	0	1	1,098	0	0
Smart Metering Entity Charge Variance Account	1551	(196,587)	# of Customers	0	0	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(15,405,941)	kWh	0	0	(101)	(91,601)	0	0
RSVA - Retail Transmission Network Charge	1584	(66,031)	kWh	0	0	(0)	(391)	0	0
RSVA - Retail Transmission Connection Charge	1586	168,872	kWh	0	0	1	999	0	0
RSVA - Power (excluding Global Adjustment)	1588	(1,810,654)	kWh	0	0	(12)	(10,766)	0	0
RSVA - Global Adjustment	1589	(7,235,634)	Non-RPP kWh	0	0	0	(96,958)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	kWh	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	(762,948)	kWh	0	0	(5)	(4,513)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	(518,800)	kWh	0	0	(3)	(3,069)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	690,745	kWh	0	0	4	4,086	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	(269,683)	kWh	0	0	(2)	(1,595)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	777,681	kWh	0	0	5	4,600	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	kWh	0	0	0	0	0	0
Total of Group 1 Accounts (excluding 1589)		**(17,207,754)**		**0**	**0**	**(111)**	**(101,151)**	**0**	**0**
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 Recovery Variance - Ontario Clean Energy Benefit Act	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Other	1508	226,530	kWh	0	0	1	1,340	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		**226,530**		**0**	**0**	**1**	**1,340**	**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 classes)		0							
Variance		**0**							
Renewable Generation Connection OM&A Deferral Account	1532	**0**	kWh	0	0	0	0	0	0
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)		**8,842**		**0**	**0**	**1**	**1,215**	**0**	**0**
Total of Account 1580 and 1588 (not allocated to WMPs)		**(17,216,595)**		**0**	**0**	**(113)**	**(102,367)**	**0**	**0**
Balance of Account 1589 Allocated to Non-WMPs		**(7,235,634)**		**0**	**0**	**0**	**(96,958)**	**0**	**0**
Group 2 Accounts (including 1592, 1532)		**226,530**		**0**	**0**	**1**	**1,340**	**0**	**0**
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		**0**		**0**	**0**	**0**	**0**	**0**	**0**

Account 1589 reference calculation by customer and consumption	
Account 1589 / Number of Customers	($18.23)
1589/total kwh	($0.0010)

Ontario Energy Board

2017 Deferral/Variance Account Wo

		Amounts from Sheet 2	Allocator	HCI, RESOP, OTHER ENERGY RESOURCE SERVICE						
LV Variance Account	1550	185,593	kWh	0	0	0	0	0	0	0
Smart Metering Entity Charge Variance Account	1551	(196,587)	# of Customers	0	0	0	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(15,405,941)	kWh	0	0	0	0	0	0	0
RSVA - Retail Transmission Network Charge	1584	(66,031)	kWh	0	0	0	0	0	0	0
RSVA - Retail Transmission Connection Charge	1586	168,872	kWh	0	0	0	0	0	0	0
RSVA - Power (excluding Global Adjustment)	1588	(1,810,654)	kWh	0	0	0	0	0	0	0
RSVA - Global Adjustment	1589	(7,235,634)	Non-RPP kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	(762,948)	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	(518,800)	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	690,745	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	(269,683)	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	777,681	kWh	0	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	kWh	0	0	0	0	0	0	0
Total of Group 1 Accounts (excluding 1589)		**(17,207,754)**		**0**	**0**	**0**	**0**	**0**	**0**	**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 Recovery Variance - Ontario Clean Energy Benefit Act	1508	0	kWh	0	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Other	1508	226,530	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	1567	0	kWh	0	0	0	0	0	0	0
Extra-Ordinary Event Costs	1572	0	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	0	kWh	0	0	0	0	0	0	0
Total of Group 2 Accounts		**226,530**		**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	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	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	0
(Account 1568 - total amount allocated to classes)		0								
Variance		**0**								
Renewable Generation Connection OM&A Deferral Account	1532	**0**	kWh	0	0	0	0	0	0	0
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)		**8,842**		**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total of Account 1580 and 1588 (not allocated to WMPs)		**(17,216,595)**		**0**	**0**	**0**	**0**	**0**	**0**	**0**
Balance of Account 1589 Allocated to Non-WMPs		**(7,235,634)**		**0**	**0**	**0**	**0**	**0**	**0**	**0**
Group 2 Accounts (including 1592, 1532)		**226,530**		**0**	**0**	**0**	**0**	**0**	**0**	**0**
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**

Account 1589 reference calculation by customer and consumption	
Account 1589 / Number of Customers	($18.23)
1589/total kwh	($0.0010)

Ontario Energy Board

2017 Deferral/Variance Account Workform

This tab allocates the GA balance to former Class B customers who contributed to the current GA balance but are now Class A customers. The tables below calculate specific amounts for each customer who made the change. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 2.9.5.1)

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Year of Group 1 Account Balance Last Disposed	**2014**	**(e.g. If in the 2015 EDR process, you received approval to dispose the GA variance account balance as of December 31, 2013, please enter 2013 in cell B16.)**

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

		Total	2015
Total Class B Consumption for Years Since Last Dispposition (Non-RPP consumption LESS WMP and Class A)	A	3,279,198,674	3,279,198,674
New Class A Customer(s)' Former Class B Consumption	B	- 72,452,293	- 72,452,293
Portion of Consumption of Former Class B Customers	C=B/A	**-2.21%**	

Allocation of Total GA Balance $

Total GA Balance	D	-$ 7,079,223
New Class A Customer(s)' Former Class B Portion of GA Balance	E=C*D	$ 156,411.96
GA Balance to be disposed to Current Class B Customers	F=D-E	-$ 7,235,634

Allocation of GA Balances to Former Class B Customers

# of Former Class B customer(s)		1				
Customer		**Total Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A**	**Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2015**	**% of kWh**	**Customer specific GA allocation for the period prior to becoming Class A**	**Monthly Equal Payments**
Customer 1		(72,452,293)	(72,452,293)	100.00%	$ 156,412	$ 13,034
Total		(72,452,293)	(72,452,293)	100.00%	$ 156,412	

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2017 Deferral/Variance Account Workform

Please indicate the Rate Rider Recovery Period (in years) | 1

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)

1550, 1551, 1584, 1586, 1595

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL	kWh	2,198,259,000	-$ 120,538	- 0.0001	*$/kWh*
GENERAL SERVICE LESS THAN 50KW	kWh	716,896,000	$ 5,101	0.0000	*$/kWh*
GENERAL SERVICE 50 TO 1,499 KW	kW	6,908,640	$ 80,935	0.0117	$/kW
GENERAL SERVICE 1,500 TO 4,999 KW	kW	1,877,691	$ 24,424	0.0130	$/kW
LARGE USE	kW	1,119,726	$ 17,238	0.0154	$/kW
UNMETERED SCATTERED LOAD	kWh	16,690,000	$ 465	0.0000	*$/kWh*
STANDBY POWER GENERAL SERVICE 5	kW	-	$ -	-	$/kW
STANDBY POWER GENERAL SERVICE 1	kW	4,800	$ -	-	$/kW
STANDBY POWER GENERAL SERVICE L	kW	-	$ -	-	$/kW
SENITEL LIGHTING	kW	216	$ 1	0.0062	$/kW
STREET LIGHTING	kW	123,144	$ 1,215	0.0099	$/kW
MICROFIT AND MICRO-NET METERING		-	$ -	-	
FIT		-	$ -	-	
HCI, RESOP, OTHER ENERGY RESOURC		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
Total			**$ 8,842**		

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP

1580 and 1588

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL	kWh	2,198,259,000	-$ 5,154,933	- **0.0023**	***$/kWh***
GENERAL SERVICE LESS THAN 50KW	kWh	716,896,000	-$ 1,681,126	- **0.0023**	***$/kWh***
GENERAL SERVICE 50 TO 1,499 KW	**kW**	6,908,640	-$ 6,817,980	- **0.9869**	**$/kW**
GENERAL SERVICE 1,500 TO 4,999 KW	**kW**	1,810,229	-$ 1,968,786	- **1.0876**	**$/kW**
LARGE USE	**kW**	1,119,726	-$ 1,452,153	- **1.2969**	**$/kW**
UNMETERED SCATTERED LOAD	kWh	16,690,000	-$ 39,138	- **0.0023**	***$/kWh***
STANDBY POWER GENERAL SERVICE 5	**kW**	-	$ -	**-**	**$/kW**
STANDBY POWER GENERAL SERVICE 1	**kW**	4,800	$ -	**-**	**$/kW**
STANDBY POWER GENERAL SERVICE L	**kW**	-	$ -	**-**	**$/kW**
SENITEL LIGHTING	**kW**	216	-$ 113	- **0.5211**	**$/kW**
STREET LIGHTING	**kW**	123,144	-$ 102,367	- **0.8313**	**$/kW**
MICROFIT AND MICRO-NET METERING		-	$ -	**-**	
FIT		-	$ -	**-**	
HCI, RESOP, OTHER ENERGY RESOURC		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
Total			**-$ 17,216,595**		

Rate Rider Calculation for RSVA - Power - Global Adjustment

Balance of Account 1589 Allocated to Non-WMPs

Rate Class (Enter Rate Classes in cells below)	Units	kWh	Balance of RSVA - Power - Global Adjustment	Rate Rider for RSVA - Power - Global Adjustment	
RESIDENTIAL	kWh	89,475,408	-$ 192,370	- **0.0021**	***$/kWh***
GENERAL SERVICE LESS THAN 50KW	kWh	104,595,553	-$ 224,878	- **0.0021**	***$/kWh***
GENERAL SERVICE 50 TO 1,499 KW	kWh	2,326,749,868	-$ 5,002,455	- **0.0021**	***$/kWh***
GENERAL SERVICE 1,500 TO 4,999 KW	kWh	794,251,868	-$ 1,707,622	- **0.0021**	***$/kWh***
LARGE USE	kWh	5,279,650	-$ 11,351	- **0.0021**	***$/kWh***
UNMETERED SCATTERED LOAD	kWh	-	$ -	**-**	***$/kWh***
STANDBY POWER GENERAL SERVICE 5	kWh	-	$ -	**-**	***$/kWh***
STANDBY POWER GENERAL SERVICE 1	kWh	-	$ -	**-**	***$/kWh***
STANDBY POWER GENERAL SERVICE L	kWh	-	$ -	**-**	***$/kWh***
SENITEL LIGHTING	kWh	-	$ -	**-**	***$/kWh***
STREET LIGHTING	kWh	45,097,288	-$ 96,958	- **0.0021**	***$/kWh***
MICROFIT AND MICRO-NET METERING		-	$ -	**-**	
FIT		-	$ -	**-**	
HCI, RESOP, OTHER ENERGY RESOURC		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
		-	$ -	**-**	
Total			**-$ 7,235,634**		

Rate Rider Calculation for Group 2 Accounts

Rate Class (Enter Rate Classes in cells below)	Units	# of Customers	Balance of Group 2 Accounts	Rate Rider for RSVA - Power - Global Adjustment	
RESIDENTIAL	# of Customers	301,258	$ 67,479	**$ 0.02**	per customer per month
GENERAL SERVICE LESS THAN 50KW	kWh	716,896,000	$ 22,006	**$ 0.0000**	$/kWh
GENERAL SERVICE 50 TO 1,499 KW	**kW**	6,908,640	$ 89,249	**$ 0.0129**	**$/kW**
GENERAL SERVICE 1,500 TO 4,999 KW	**kW**	1,877,691	$ 26,933	**$ 0.0143**	**$/kW**
LARGE USE	**kW**	1,119,726	$ 19,009	**$ 0.0170**	**$/kW**
UNMETERED SCATTERED LOAD	kWh	16,690,000	$ 512	**$ 0.0000**	$/kWh
STANDBY POWER GENERAL SERVICE 5	**kW**	-	$ -	**$ -**	**$/kW**
STANDBY POWER GENERAL SERVICE 1	**kW**	4,800	$ -	**$ -**	**$/kW**
STANDBY POWER GENERAL SERVICE L	**kW**	-	$ -	**$ -**	**$/kW**
SENITEL LIGHTING	**kW**	216	$ 1	**$ 0.0068**	**$/kW**
STREET LIGHTING	**kW**	123,144	$ 1,340	**$ 0.0109**	**$/kW**
MICROFIT AND MICRO-NET METERING		-	$ -	**$ -**	
FIT		-	$ -	**$ -**	
HCI, RESOP, OTHER ENERGY RESOURC		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
Total			**$ 226,530**		

Rate Rider Calculation for Accounts 1575 and 1576

Please indicate the Rate Rider Recovery Period (in years) | **1**

Rate Class (Enter Rate Classes in cells below)	Units	# of Customers	Balance of Accounts 1575 and 1576	Rate Rider for Accounts 1575 and 1576	
RESIDENTIAL	# of Customers	301,258	$ -	-	per customer per month
GENERAL SERVICE LESS THAN 50KW	kWh	716,896,000	$ -	-	$/kWh
GENERAL SERVICE 50 TO 1,499 KW	kWh	2,907,445,000	$ -	-	$/kWh
GENERAL SERVICE 1,500 TO 4,999 KW	kWh	877,400,000	$ -	-	$/kWh
LARGE USE	kWh	619,253,000	$ -	-	$/kWh
UNMETERED SCATTERED LOAD	kWh	16,690,000	$ -	-	$/kWh
STANDBY POWER GENERAL SERVICE 5	kWh	-	$ -	-	$/kWh
STANDBY POWER GENERAL SERVICE 1	kWh	-	$ -	-	$/kWh
STANDBY POWER GENERAL SERVICE L	**kW**	-	$ -	-	**$/kW**
SENITEL LIGHTING	**kW**	216	$ -	-	**$/kW**
STREET LIGHTING	**kW**	123,144	$ -	-	**$/kW**
MICROFIT AND MICRO-NET METERING		-	$ -	-	
FIT		-	$ -	-	
HCI, RESOP, OTHER ENERGY RESOURC		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
Total			**$ -**		

Rate Rider Calculation for Accounts 1568

Please indicate the Rate Rider Recovery Period (in years) | 1

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Account 1568	Rate Rider for Account 1568	
RESIDENTIAL	kWh	2,198,259,000	$ -	-	*$/kWh*
GENERAL SERVICE LESS THAN 50KW	kWh	716,896,000	$ -	-	*$/kWh*
GENERAL SERVICE 50 TO 1,499 KW	kW	6,908,640	$ -	-	$/kW
GENERAL SERVICE 1,500 TO 4,999 KW	kW	1,877,691	$ -	-	$/kW
LARGE USE	kW	1,119,726	$ -	-	$/kW
UNMETERED SCATTERED LOAD	kWh	16,690,000	$ -	-	*$/kWh*
STANDBY POWER GENERAL SERVICE 5	kW	-	$ -	-	$/kW
STANDBY POWER GENERAL SERVICE 1	kW	4,800	$ -	-	$/kW
STANDBY POWER GENERAL SERVICE L	kW	-	$ -	-	$/kW
SENITEL LIGHTING	kW	216	$ -	-	$/kW
STREET LIGHTING	kW	123,144	$ -	-	$/kW
MICROFIT AND MICRO-NET METERING		-	$ -	-	
FIT		-	$ -	-	
HCI, RESOP, OTHER ENERGY RESOURC		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
		-	$ -	-	
Total			**$ -**		

Calculate Rate Rider for WMS - Sub-account CBR Class B

	Closing Principle Balance as of Dec-15 Adjusted for Dispositions during 2016	Closing Interest Balance as of Dec-15 Adjusted for Dispositions during 2016	Projected Interest from Jan1, 2016 to December 31, 2016 on December 31 - 15 balance for disposition	Totall Claim	
Variance WMS – Sub-account CBR Class B[10]	1,790,495.02	5,866.45	19,695.45	**$ 1,816,056.92**	

	Total Metered kWh	Metered kWh for Wholesale Market Participants (WMP)	Metered kWh for any Class A Customers in 2015 (partial or full year((if applicable)	Total Units for Rate Rider		Allocated Balance (1580 WMS - Sub-Account CBR Class B only)
RESIDENTIAL	2,198,259,000			2,198,259,000	33%	$ 590,991.04
GENERAL SERVICE LESS THAN 50KW	716,896,000			716,896,000	11%	$ 192,733.94
GENERAL SERVICE 50 TO 1,499 KW	2,907,445,000			2,907,445,000	43%	$ 781,652.18
GENERAL SERVICE 1,500 TO 4,999 KW	877,400,000	37,835,194		839,564,806	12%	$ 225,712.84
LARGE USE	619,253,000		586,776,668	32,476,332	0%	$ 8,731.10
UNMETERED SCATTERED LOAD	16,690,000			16,690,000	0%	$ 4,487.02
SENITEL LIGHTING	48,000			48,000	0%	$ 12.90
STREET LIGHTING	43,653,000			43,653,000	1%	$ 11,735.89
				6,755,032,138	100%	**$ 1,816,056.92**

$ 0.0002688 $/kWh

Details from EDDVAR Model, Attachment 9-8(A) in the Rate Application

Rate Rider Calculation for WMS - Sub-account CBR Class B

1580 - WMS - Sub-account CBR Class B

Rate Class (Enter Rate Classes in cells below)	Units	# of Customers	Allocated Balance (1580 WMS - Sub-Account CBR Class B only)	Rate Rider for RSVA - Power - Global Adjustment	
RESIDENTIAL	kWh	2,198,259,000	$ 590,991	**$ 0.00027**	$/kWh
GENERAL SERVICE LESS THAN 50KW	kWh	716,896,000	$ 192,734	**$ 0.00027**	$/kWh
GENERAL SERVICE 50 TO 1,499 KW	kWh	2,907,445,000	$ 781,652	**$ 0.00027**	$/kWh
GENERAL SERVICE 1,500 TO 4,999 KW	kWh	839,564,806	$ 225,713	**$ 0.00027**	$/kWh
LARGE USE	kWh	32,476,332	$ 8,731	**$ 0.00027**	$/kWh
UNMETERED SCATTERED LOAD	kWh	16,690,000	$ 4,487	**$ 0.00027**	$/kWh
STANDBY POWER GENERAL SERVICE 50 TO 1,499 KW	kWh	-	$ -	**$ -**	$/kWh
STANDBY POWER GENERAL SERVICE 1,500 TO 4,999 KW	kWh	-	$ -	**$ -**	$/kWh
STANDBY POWER GENERAL SERVICE LARGE USE	kWh	-	$ -	**$ -**	$/kWh
SENITEL LIGHTING	kWh	48,000	$ 13	**$ 0.00027**	$/kWh
STREET LIGHTING	kWh	43,653,000	$ 11,736	**$ 0.00027**	$/kWh
MICROFIT AND MICRO-NET METERING		-	$ -	**$ -**	
FIT		-	$ -	**$ -**	
HCI, RESOP, OTHER ENERGY RESOURCE SERVICE		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
		-	$ -	**$ -**	
Total			**$ 1,816,057**		