

Telephone: (705) 326-7315 Fax: (705) 326-0800

#### **BY COURIER & RESS**

October 19, 2015

Ontario Energy Board 2300 Yonge St., 27<sup>th</sup> Floor P.O. Box 2319 Toronto ON M4P 1E4

Attention: Kirsten Walli, Board Secretary

Dear Ms. Walli:

#### Re: Orillia Power Distribution Corporation 2016 IRM Distribution Rate Application – Board File No. EB-2015-0024

Please find accompanying this letter two (2) hard copies of Orillia Power Distribution Corporation's (Orillia Power's) Application for Electricity and Distribution Rates and Charges effective May 1, 2016 which has been electronically filed through the Board's web portal, including:

Orillia\_2016 IRM Rate Generator\_V1.0\_20151019 in excel Orillia\_APPL\_2016\_IRM\_20151019 in searchable PDF

We would be pleased to provide any further information or details that you may require relative to this Application.

Respectfully submitted,

Paulse ulelah

Pauline Welsh Manager of Regulatory Affairs



Ontario Wateroower

360 West St. S., P.O. Box 398, Orillia ON L3V 6J9 info@orilliapower.ca www.orilliapower.ca Keith McAllister, P.Eng. - President & Chief Executive Officer Patrick J. Hurley, B.Math, CPA, CMA - Chief Financial Officer







# ORILLIA POWER DISTRIBUTION CORPORATION Electricity Distribution Rate Application EB-2015-0024 Effective May 1, 2016

**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 Orillia Power Distribution Corporation to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of May 1, 2016.

EB-2015-0024 Submitted: October 19, 2015 Page 2 of 24

### Application

- 1. The Applicant is Orillia Power Distribution Corporation ("Orillia Power"). Orillia Power is incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Orillia, ON. Orillia Power distributes electricity within the City of Orillia.
- Orillia Power hereby applies to the Ontario Energy Board (the "Board") for an order or orders made pursuant to Section 78 of the Ontario Energy Board Act, 1998, as amended, (the "OEB Act") approving just and reasonable rates for the distribution of electricity based on the Renewed Regulatory Framework for Electricity using the Price Cap methodology.
- 3. Specifically, Orillia Power hereby applies for an order or orders granting distribution rates updated and adjusted in accordance with Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications* updated July 16, 2015 ("Filing Requirements"), including the following:
  - a. An adjustment to the retail transmission service rates as provided in the OEB's *Guideline G-2008-0001: Electricity Distribution Retail Transmission Service Rates (RTSR)*, Revision 4.0 dated June 28, 2012
  - b. The disposition of Group 1 deferral and variance account balances
  - c. The prescribed 50/50 sharing of impacts of legislated tax changes
  - d. The disposition of LRAMVA amount relating to lost revenues from 2011-2014 CDM programs that have accumulated in Account 1568
- 4. This Application is supported by written evidence that may be amended from time to time, prior to the Board's final Decision on this Application.
- 5. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2016, Orillia Power requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2016 distribution rates.
- 6. In the event that the effective date does not coincide with the Board's decided implementation date for 2016 distribution rates and charges, Orillia Power requests permission to recover the incremental revenue from the effective date to the implementation date.

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 3 of 24

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

DATED at Orillia, Ontario, this 19th day of October, 2015

All of which is respectfully submitted,

### **Orillia Power Distribution Corporation**

Pauline Welsh Manager of Regulatory Affairs

Orillia Power Distribution Corporation 2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 4 of 24

#### **Certification of Evidence**

As the Chief Financial Officer of Orillia Power Distribution Corporation, I certify that the evidence filed in Orillia Power's 2016 IRM application is accurate and complete to the best of my knowledge. The filing is consistent with the requirements of Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications revised on July 16, 2015.

Patrick J. Hurley, CPA, CMA, B. Math Chief Financial Officer

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 5 of 24

## **Table of Contents**

ITACT INFORMATION	6
IAGER'S SUMMARY	7
Introduction	7
Annual Adjustment Mechanism	8
Rate Riders	8
Rate Design for Residential Electricity Customers	9
Retail Transmission Service Rates	. 10
Group 1 Deferral and Variance Account Balances	.11
Wholesale Market Participants and Class A Customers	. 12
Global Adjustment Settlement Process	. 14
LRAM Variance Account (LRAMVA)	. 16
Application of Tax Change	.21
Tariff of Rates and Charges	. 22
Bill Impacts	. 22
	TACT INFORMATION AGER'S SUMMARY Introduction Annual Adjustment Mechanism Rate Riders Rate Design for Residential Electricity Customers Retail Transmission Service Rates Group 1 Deferral and Variance Account Balances Wholesale Market Participants and Class A Customers Global Adjustment Settlement Process LRAM Variance Account (LRAMVA) Application of Tax Change Tariff of Rates and Charges Bill Impacts

## Appendices

- A. Current Tariff of Rates and Charges
- B. Proposed Tariff of Rates and Charges
- C. Bill Impacts
- D. Rate Generator Model
- E. LRAMVA Report
- F. IESO Final Verified CDM Results

#### Orillia Power Distribution Corporation 2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 6 of 24

## **CONTACT INFORMATION**

Applicant's Name: Orillia Power Distribution Corporation

Applicant's Address for Service:

360 West Street South P.O. Box 398 Orillia, Ontario L3V 6J9 Attention: Pauline Welsh, Manager of Regulatory Affairs Telephone: (705)-326-2495 extension 240 pwelsh@orilliapower.ca

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 7 of 24

### MANAGER'S SUMMARY

### 1 Introduction

Orillia Power Distribution Corporation ("Orillia Power") is a licensed electricity distributor (ED-2002-0530) that owns and operates an electricity distribution system that provides service to approximately 13,400 customers within the City of Orillia. Orillia Power charges its customers distribution rates and other charges as authorized by the Ontario Energy Board ("the Board").

Orillia Power is submitting an Incentive Rate Mechanism ("IRM") application ("the Application") for 2016 electricity distribution rates effective May 1, 2016. The Application has been prepared in accordance with the Board's updated Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications,* issued July 16, 2015 (the "Filing Requirements".

All rate payers within Orillia Power's service territory will be affected by the Application.

Orillia Power has used the Board's Excel Model: 2016 IRM Rate Generator - version 1.0 ("the 2016 Rate Model") issued September 14, 2015. Orillia Power has reviewed the prepopulated application model for accuracy and has found no issues.

This Manager's Summary will address the following items:

- Annual Adjustment Mechanism
- Rate Design for Residential Electricity Customers
- Electricity Distribution Retail Transmission Service Rates
- Review and Disposition of Group 1 Deferral and Variance Account Balances
- LRAM Variance Account (LRAMVA)
- Tax Changes

The following elements of Price Cap IR are not part of this Application:

- Revenue-to-Cost Ratio Adjustments
- Z-Factor Claims
- Advanced Capital Module
- Incremental Capital Module
- Renewable Generation Connection Funding Adder or Smart Grid Funding Adder

The Application has been filed in accordance with Canadian Generally Accepted Accounting Principles (CGAAP).

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 8 of 24

### 2 Annual Adjustment Mechanism

Orillia Power has used the 2015 rate-setting parameters (Price Escalator 1.60%, Stretch Factor 0.30% and Productivity Factor 0.0%) as a placeholder until the inflation factor is updated by the Board. This results in a Price Cap Adjustment used in the 2016 Rate Model of 1.30%. Orillia Power understands that the Board will update the model with the latest parameters and Orillia Power will have an opportunity to comment on its accuracy.

The annual adjustment mechanism will not be applied to the following rate components:

- Rate Riders
- Low Voltage Service Rates
- Retail Transmission Service Rates
- Wholesale Market Service Rate
- Rural Rate Protection Charge
- Standard Supply Service Administrative Charge
- microFIT Service Charge
- Specific Service Charges
- Transformation and Primary Metering Allowances
- Smart Metering Entity Charge

Orillia Power is not seeking relief for any of the excluded items listed in Section 3.4 of the Filing Requirements

### 3 Rate Riders

Orillia Power is requesting Board approval for the following rate riders in the Application:

- Rate Rider for Disposition of Deferral/Variance Accounts (2016) effective until April 30, 2017
- Rate Rider for Disposition of Deferral/Variance Accounts (2016) effective until April 30, 2017 – Applicable only for Non-Wholesale Market Participants
- Rate Rider for Disposition of Global Adjustment Account (2016) effective until April 30, 2017 – Applicable only for Non-RPP Customers
- Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016) effective until April 30, 2017

• Rate Rider for Application of Tax Change (2016) - effective until April 30, 2017

### 4 Rate Design for Residential Electricity Customers

On April 2, 2015 the OEB released its Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2012-0410) report which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers over a 4 year period. Orillia Power is proposing changes to its residential rates consistent with this policy and has followed the approach set out on Tab 15 – Rev2Cost\_GDPIPI of the 2016 Rate Model.

The Filing Guidelines Section 3.2.3 (page 9) state:

"In the event that the monthly service charge would have to rise more than \$4 per year in order to effect this change, distributors shall apply to extend the transition period. It is expected that in most cases, only a fifth transition year would be required to make the changes within the \$4 impact threshold identified in the policy."

The incremental fixed charge (\$/month/year) calculated in Tab 15 is \$3.35 per month within the \$4.00 threshold set by the Board.

As part of the process of transitioning to fully fixed rates for residential customers, all LDCs in the province have been directed by the Board to assess the bill impacts for a residential customer at the 10<sup>th</sup> consumption percentile. The process followed by Orillia Power to determine the 10<sup>th</sup> consumption percentile is outlined below:

- Orillia Power extracted residential consumption data from its Customer Information System for the year 2014 for all customers with a full year of data. This data extraction in an Excel spreadsheet calculated average consumption for all residential customers to be 824 kWh per month.
- Using the Excel formula for Percentile, the 10<sup>th</sup> consumption percentile was calculated to be 321.2 kWh.

For bill impact analysis, Orillia Power used 321 kWh. The calculated total bill impact for an RPP customer using 321 kWh per month in which commodity rates and regulatory charges are held constant is \$7.90 or 12.07%. The calculated total bill impact for a Non-RPP (Retailer) customer using 321 kWh per month in which commodity rates and regulatory charges are held constant is \$10.10 or 16.00%. The bill impact schedules are included in Appendix C1.

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 10 of 24

The Filing Guidelines Section 3.2.3 (page 9) state:

"If the total bill impact for these customers is 10% or greater, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan in not required."

Orillia Power is proposing to mitigate this increase with a proposed rate adder for Account 1576 which is part of a separate rate application submitted to align with this Application. Including the proposed residential Fixed Rate Adder (1576), the calculated total bill impact for an RPP customer using 321 kWh per month in which commodity rates and regulatory charges are held constant is \$5.84 or 8.92%. The calculated total bill impact for a Non-RPP customer using 321 kWh per month in which commodity rates and regulatory charges are held constant is \$8.05 or 12.75%. The bill impact schedules that include the proposed rate adder are included in Appendix C2.

The total bill impact for a Non-RPP customer includes the proposed Rate Rider for Disposition of Global Adjustment Account (2016) – effective until April 30, 2017 – Applicable only for Non-RPP Customers. Orillia Power is not proposing further mitigation for these customers. They represent 6.48% of the 10<sup>th</sup> consumption percentile or 0.65% of all residential customers in Orillia Power's service area.

### 5 Retail Transmission Service Rates

The Board's Revision 4.0 to Guideline G-2008-0001 – Electricity Distribution Retail Transmission Service Rates ("RTSRs") was issued June 28, 2012. Based on the most recent Decision and Rate Order of the Board (EB-2014-0357), new Uniform Transmission Rates ("UTRs") were effective January 1, 2015 and are as follows:

- Network Service Rate of \$3.78 per kW
- Line Connection Service Rate of \$0.86 per kW
- Transformation Connection Service Rate of \$2.00 per kW

Orillia Power is a sub-transmission customer, embedded in Hydro One Networks Inc.'s service area and passes on these UTR charges through 2 retail transmission rates (RTSRs) as follows:

- Retail Transmission Rate Network Service Rate
- Retail Transmission Rate Line and Transformation Connection Service Rate

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 11 of 24

For 2016, the Filing Guidelines Section 3.2.4 instructs distributors to adjust RTSRs based on a comparison of historical transmission costs adjusted for new UTR levels and revenues generated from existing RTSRs.

Orillia Power notes that if any changes to the Model are required as a result of issuing 2016 UTR adjustments, Board staff will make the adjustments to incorporate the changes and Orillia Power will have an opportunity to comment on the accuracy of Board staff updates as part of the draft rate order process.

The 2016 Rate Model has calculated the proposed RTSR's, as set out in Table 1 below:

		Cur	rent	Proposed				
Rate Class	U of M	RTSR Network	RTSR Connection	RTSR Network	RTSR Connection			
Residential	\$/kWh	0.0054	0.0038	0.0055	0.0042			
General Service Less Than 50 kW	\$/kWh	0.0045	0.0035	0.0046	0.0039			
General Service 50 to 4,999 kW	\$/kW	1.9971	1.4091	2.0425	1.5620			
Unmetered Scattered Load	\$/kWh	0.0045	0.0035	0.0046	0.0039			
Sentinel Lighting	\$/kW	1.4787	1.0727	1.5123	1.1891			
Street Lighting	\$/kW	1.4712	1.0506	1.5046	1.1646			

Table 1: Retail Transmission Service Rates (RTSRs)

### 6 Group 1 Deferral and Variance Account Balances

The Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (the "EDDVAR Report") provides that under the Price Cap IR or the Annual IR Index, the distributor's Group 1 audited account balances will be reviewed and disposed of if the pre-set disposition threshold of \$0.001 per kWh (debit or credit) is exceeded.

Orillia Power is applying to dispose of the balance in its Group 1 Deferral and Variance Accounts as of December 31, 2014, as well as projected interest from January 1, 2015 to April 30, 2016 on December 31, 2014 balances. The principal and interest balances as of December 31, 2014 agree with those filed with the year end 2014 balances with the RRR 2.1.7 filed April 30, 2015. These balance are also consistent with Orillia Power's Audited Financial Statements.

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 12 of 24

No adjustments have been made to any Group 1 deferral and variance account balances which were previously approved by the Board on a final basis.

Orillia Power's total claim for purposes of the threshold test is \$492,122 which includes Account 1589 – Global Adjustment balance of \$946,217 as shown in Table 2 below.

Account Description	Account Number	Principal Balances as of Dec 31, 2014	Interest Balances as of Dec 31, 2014	Projected Interest from Jan 1, 2015 to Apr 30, 2016	Total Claim
LV Variance Account	1550	\$388,848	\$10,156	\$6,063	\$405,067
Smart Metering Entity Charge Variance	1551	3,703	167	58	3,928
RSVA - Wholesale Market Service Charge	1580	-1,072,362	-37,315	-16,720	-1,126,397
RSVA - Retail Transmission Network Charge	1584	52,630	5,161	821	58,612
RSVA - Retail Transmission Connection Charge	1586	-53,897	2,404	-841	-52,334
RSVA - Power (excluding Global Adjustment)	1588	276,625	-4,886	4,313	276,052
RSVA - Global Adjustment	1589	909,061	22,982	14,174	946,217
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	33,394	-52,937	520	-19,023
Total Group 1 Balances		\$538,002	-\$54,268	\$8,388	\$492,122

Table 2: Group 1 Deferral and Variance Account Balances

The threshold test shows a total claim per kWh of \$0.0016. Accordingly, Orillia Power is requesting disposition of its deferral and variance account balances in this Application over a 1 year period.

### 7 Wholesale Market Participants and Class A Customers

The Filing Requirements Section 3.2.5.1 requires that a distributor must not allocate any account balances in Account 1588 RSVA – Power, Account 1580 RSVA – Wholesale Market Services Charge and Account 1589 RSVA – Global Adjustment to a wholesale market participant. These participants settle commodity and market-related charges with the IESO even though they are embedded in a distributor's distribution system. Distributors must ensure that rate riders are appropriately calculated for the remaining charges that are still settled with a distributor. These include Account 1584 RSVA –

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 13 of 24

Retail Transmission Network Charge, Account 1586 RSVA – Retail Transmission Connection Charge and Account 1595 – Disposition /Refund of Regulatory Balances.

The Filing Requirements Section 3.2.5.2 requires that a distributor identify the number of Class A customers it served in 2014 and is serving as of July 1, 2015, if different. Customers who participate in the Industrial Conservation Initiative (ICI), referred to as Class A, pay global adjustment based on their percentage contribution to the top five peak Ontario demand hours (i.e. peak demand factor) over a year-long period.

The Filing Requirements (page 12) also states:

"A distributor with one of these newly Class A-eligible customers should also propose an appropriate allocation for the recovery of the global adjustment variance balance based on their settlement process with the IESO or host distributor for any residual GA variance balances that might have accrued prior to those customers being classified as Class A customers. This information will be used to inform future disposition of GA variance account balances."

Orillia Power has 1 wholesale market participant (WMP) and 1 Class A customer, both in the General Service 50 to 4,999 kW rate class. The latter customer was newly Class A-eligible for the period July 1, 2014 to June 30, 2015 and continues to be eligible as of July 1, 2015.

Orillia Power settles Global Adjustment (GA) costs with the IESO for Class A customers on the basis of actual costs and as a result, the settlement process does not contribute to a variance. For a future applications, Orillia Power would not propose charging Class A customers a rate rider for the disposition of Account 1589. However, the amount to be cleared from Account 1589 RSVA – Global Adjustment covers the period January 1, 2013 to December 31, 2014. The Class A customer's metered usage during this period and prior to being classified as a Class A customer constituted 75% of its total metered usage for this period. As this percentage is significant, Orillia Power has elected not to include a GA Allocator for Class A, Non-WMP Customers in Tab 4. Billing Det. for Def-Var for the Application.

In summary, only Orillia Power's WMP customer will be excluded in certain proposed rate riders calculated as follows:

 Account 1580 RSVA – Wholesale Market Services Charge and Account 1588 RSVA – Power are allocated to all classes, excluding the wholesale market participant

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 14 of 24

- Account 1584 RSVA Retail Transmission Network Charge and Account 1586 RSVA – Retail Transmission Connection Charge Balances are allocated to all classes, with no exclusions
- Account 1589 RSVA Global Adjustment is allocated to all classes, non-RPP customers only, excluding the wholesale market participant
- Account 1595 Disposition /Refund of Regulatory Balances is allocated to all classes, with no exclusions

### 8 Global Adjustment Settlement Process

The Filing Requirements Section 3.2.5.2 includes a new addition for 2016 applications, under which a distributor must provide a description of its settlement process with the IESO or host distributor. Orillia Power's responses to the Board's information requirements are as follows:

• Specify the GA rate used when billing customers (1st estimate, 2nd estimate or actual) for each rate class.

### Response:

Orillia Power uses the IESO's 1st GA estimate to bill its customers, applicable for all customer classes.

• Itemize the process for providing consumption estimates to the IESO.

#### Response:

Orillia Power settles monthly with the IESO within 4 business days of month end for the difference in the cost of commodity usage in the most recent month for its price regulated customers between the sum of weighted average price (WAP) price plus global adjustment (GA) and RPP prices. This includes RPP customers with Time-Of-Use meters on TOU pricing and Tier pricing as well as designated interval metered consumers. Settlement in the next month includes the true-up of GA from this month once final GA pricing is known.

 RPP TOU Pricing: At month end, actual billed usage based on monthly consumption billed this month for the previous month is settled with the IESO. Orillia Power uses a bottom up kWh approach using CIS billing statistics. Actual billed kWh multiplied by WAP plus final GA prices for the billed period is

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 15 of 24

compared to the actual RPP amount billed. No true up of estimates for usage or GA pricing is required.

- 2. RPP Tier Pricing: At month end, Orillia Power uses the top down kWh approach, capturing total kWh purchases for the month adjusted as follows:
  - a. kWh purchased from the IESO grid
  - b. Add kWh from embedded generators
  - c. Less usage from non-standard supply (retailer) customers
  - d. Less usage from standard supply non-interval and interval metered usage for GS>50 kW customers billed on market pricing
  - e. Add interval metered usage for designated RPP customers
  - f. Less an estimate of RPP TOU usage for current month, e.g. Jan-15 usage billed Feb-15 is used to estimate Feb-15 usage
  - g. Adjust for load transfer, unaccounted energy where applicable

The resulting kWh is an estimate of usage for customers on RPP Tier pricing. This amount is then split between Tier 1 and Tier 2 pricing based on historical trending. Orillia Power notes that its process for calculating usage estimates to the IESO contains some inherent assumptions, in part due to data timing. Orillia Power performs a final reconciliation monthly, which includes a true-up of all estimates. The reconciliation provides timely adjustments to be included in the IESO settlement process to account for variances from the preliminary settlement estimates used.

 Describe the true-up process to reconcile estimates of RPP and non-RPP consumption once actuals are known. The description should detail the distributor's method for estimating RPP and non-RPP consumption, as well as its treatment of embedded generation or any embedded distributor customers.

#### Response:

Orillia reconciles the estimates of RPP and non-RPP consumption to actuals on a monthly basis. Orillia Power bills on a calendar month basis and uses actual billing data in the following month to true-up estimates used for RPP usage in the preliminary settlement process.

Actual embedded generation purchased from embedded generators is included to determine the total power purchased for the month. Orillia Power does not have any embedded distributors.

• Distributors are reminded that they are expected to use accrual accounting.

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 16 of 24

Response:

Orillia Power confirms that it uses accrual accounting in estimating RPP and non-RPP consumption and the applicable global adjustment amounts included in Deferral and Variance Account 1589 – Global Adjustment, Account 4705 – Cost of Power and Account 4707 – Global Adjustment.

### 9 LRAM Variance Account (LRAMVA)

As part of this Application, Orillia Power is requesting disposition of the Account 1568 LRAMVA balance of \$299,853. The OEB established Account 1568 as the LRAMVA to capture the variance between the OEB-approved CDM forecast and the actual results at the customer rate class level. Orillia Power has followed the accounting procedures outlined in the Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) issued April 26, 2012.

Orillia Power engaged the services of IndEco Strategic Consulting Inc ("Indeco") to calculate and report on its lost revenue for the period 2011-2014 and the balances to be included in Account 1568 - LRAMVA. The report, Orillia Power 2011-2014 LRAMVA ("the IndEco Report") is attached as Appendix E. When calculating the lost revenue amount, the IndEco Report used the most recent input assumptions, including the IESO final verified 2011, 2012, 2013 and 2014 results for Orillia Power. The IESO Final Verified Results Report is attached as Appendix F.

Orillia Power's 2010 approved load forecast did not include any CDM on account of IESO (formerly the OPA) 2011-2014 CDM programs. Orillia Power has not submitted a claim for lost revenues from the 2011-2014 CDM programs in any previous rate applications. Orillia Power has included with the Application lost revenues representing the full impact of the 2011-2014 programs and their persistence in 2012-2014. Detailed tables for lost revenues for each year are included in the IndEco Report and are summarized by program and by rate class in Table 3 below.

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 17 of 24

		2011 CDM	2012 CDM	2013 CDM	2014 CDM	2010 Rate (effective	2011 Rate (effective	2012 Rate (effective	2013 Rate (effective	2014 Rate (effective	Weighted Average	2011	2012	2013	2014
Program	Unit	Savings	Savings	Savings	Savings	`May 1)	Rate	LRAMVA	LRAMVA	LRAMVA	LRAMV				
Residential															
Appliance Retirement	kWh	88,388													
Appliance Exchange	kWh	859													
HVAC Incentives	kWh	91,776													
Conservation Instant Coupon Booklet	kWh	51,434													
Bi-Annual Retailer Event	kWh	85,947													
Subtotal 2011 CDM Savings		318,403	318,403	318,403	317,762	0.0162	0.0161	0.0161	0.0161	0.0163	0.0161	\$ 5,126	\$ 5,126	\$ 5,126	\$ 5,1
Appliance Retirement	kWh		40,097												
Appliance Exchange	kWh		2,648												
HVAC Incentives	kWh		68,672												
Conservation Instant Coupon Booklet	kWh		3,806												
Bi-Annual Retailer Event	kWh		72,909												
Home Assistance Program	kWh		64,439												
Subtotal 2012 CDM Savings			252,571	249,915	249,915	0.0162	0.0161	0.0161	0.0161	0.0163	0.0161		\$ 4,066	\$ 4,024	\$ 4,0
Appliance Retirement	kWh			22,947											
Appliance Exchange	kWh			5,911											
HVAC Incentives	kWh			64,865											
Conservation Instant Coupon Booklet	kWh			21,047											
Bi-Annual Retailer Event	kWh			46,769											
Home Assistance Program	kWh			45,283											
Subtotal 2013 CDM Savings				206,821	206,048	0.0162	0.0161	0.0161	0.0161	0.0163	0.0161			\$ 3,330	\$ 3,3
Appliance Retirement	kWh				14,351										
Appliance Exchange	kWh				3,694										
HVAC Incentives	kWh				99,498										
Conservation Instant Coupon Booklet	kWh				79,837										
Bi-Annual Retailer Event	kWh				334,583										
Home Assistance Program	kWh				14,851										
Subtotal 2014 CDM Savings					546,814	0.0162	0.0161	0.0161	0.0161	0.0163	0.0161				\$ 8,8
Subtotal Residential LRAMVA		318,403	570,974	775,139	1,320,538										\$ 48,19

#### Table 3: LRAMVA Calculation by CDM Program - Residential

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 18 of 24

		-			-	-								1	1	
Program	Unit	2011 CDM Savings	2012 CDM Savings	2013 CDM		(effective	2011 Rate (effective May 1)			2014 Rate (effective May 1)	Weighted Average Rate	2011 LRAMVA	2012 LRAMVA	2013 LRAMVA		2014 AMVA
Program	Unit	Savings	Savings	Savings	Savings	May 1)	way i)	way i)	ivia y 1)	way i)	Rate	LKAIVIVA	LKAIVIVA	LKAIVIVA	LR	
General Service Less Than 50 kW																
Retrofit	kWh	89,015														
Direct Install Lighting	kWh	405,264														
Subtotal 2011 CDM Savings		494,279	494,279	494,279	333,051	0.0157	0.0156	0.0156	0.0156	0.0158	0.0156	\$ 7,711	\$ 7,711	\$ 7,711	\$	5,229
Retrofit	kWh		77,458													
Direct Install Lighting	kWh		313,952													
Subtotal 2012 CDM Savings			391,410	391,410	391,410	0.0157	0.0156	0.0156	0.0156	0.0158	0.0156		\$ 6,106	5 \$ 6,106	5 \$	6,145
Retrofit	kWh			112,514												
Direct Install Lighting	kWh			426,279												
Subtotal 2013 CDM Savings				538,794	535,954	0.0157	0.0156	0.0156	0.0156	0.0158	0.0156			\$ 8,405	5 \$	8,414
Retrofit	kWh				62,324											
Direct Install Lighting	kWh				397,422											
Subtotal 2014 CDM Savings					459,746	0.0157	0.0156	0.0156	0.0156	0.0158	0.0156				\$	7,218
Subtotal GS<50 kW LRAMVA		494,279	885,689	1,424,482	1,720,160										\$	70,756

#### Table 3: LRAMVA Calculation by CDM Program (continued) – GS<50 kW

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 19 of 24

#### Table 3: LRAMVA Calculation by CDM Program (continued) – GS 50-4,999 kW and Total LRAMVA

		_		-	-	2010 Rate	2011 Rate	2012 Rate	2013 Rate	2014 Rate	Weighted				
Program	Unit	2011 CDM Savings	2012 CDM Savings	2013 CDM Savings	2014 CDM Savings	(effective May 1)	Average Rate	2011 LRAMVA	2012 LRAMVA	2013 LRAMVA	2014 LRAMVA				
General Service 50 to 4,999 kW	•	Guringo	<u>euringe</u>	euge	Jungo										
Retrofit	kW	532													
Demand Response 3	kW	1,582													
Electricity Retrofit Incentive Program	kW	517													
High Performance New Construction	kW	1,536													
Program Enabled Savings	kW	10,472													
Subtotal 2011 CDM Savings		14,639	13,057	13,057	13,057	3.5554	3.3675	3.3805	3.3905	3.4384	3.4301	\$ 50,213	\$ 44,081	\$ 44,225	\$ 44,685
Retrofit	kW		1,764												
Demand Response 3	kW		1,162												
High Performance New Construction	kW		4												
Subtotal 2012 CDM Savings			2,929	1,767	1,767	3.5554	3.3675	3.3805	3.3905	3.4384	3.4301		\$ 9,889	\$ 5,986	\$ 6,049
Retrofit	kW			626											
Demand Response 3	kW			1,425											
Subtotal 2013 CDM Savings				2,051	602	3.5554	3.3675	3.3805	3.3905	3.4384	3.4301			\$ 6,947	\$ 2,059
Retrofit	kW				335										
Energy Audit	kW				321										
Demand Response 3	kW				1,416										
Subtotal 2014 CDM Savings					2,072	3.5554	3.3675	3.3805	3.3905	3.4384	3.4301				\$ 7,090
Standby Power Revenues	kW	-12,720													
Subtotal CDM Savings Offset		-12,720	-12,720	-12,720	-12,720	1.0110	1.0128	1.0217	1.0246	1.0389	1.0122	-\$ 12,875	-\$ 12,958	-\$ 13,020	-\$ 13,154
Subtotal GS 50-4,999 kW LRAMVA		1,919	3,266	4,155	4,777										\$ 169,217
Annual LRAMVA Claim												\$ 50,175	\$ 64,022	\$ 78,840	\$ 95,128
Total LRAMVA Claim															\$ 288,165

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 20 of 24

Orillia Power is requesting carrying charges on lost revenues. Carrying charges have been calculated as if the amount of revenue was lost evenly throughout each year. Details are provided in the IndEco Report, Table C-3 Monthly carrying charges by rate class. Interest rates used in the IndEco Report are the prescribed rates published on the Board's website as shown in Table 4:

	Board	Ectimated	Used in
	specified	Estimated	calculations
2011 Q1	1.47%		1.47%
2011 Q2	1.47%		1.47%
2011 Q3	1.47%		1.47%
2011 Q4	1.47%		1.47%
2012 Q1	1.47%		1.47%
2012 Q2	1.47%		1.47%
2012 Q3	1.47%		1.47%
2012 Q4	1.47%		1.47%
2013 Q1	1.47%		1.47%
2013 Q2	1.47%		1.47%
2013 Q3	1.47%		1.47%
2013 Q4	1.47%		1.47%
2014 Q1	1.47%		1.47%
2014 Q2	1.47%		1.47%
2014 Q3	1.47%		1.47%
2014 Q4	1.47%		1.47%
2015 Q1	1.47%		1.47%
2015 Q2	1.10%		1.10%
2015 Q3	1.10%		1.10%
2015 Q4	1.10%		1.10%
2016 Q1		1.10%	1.10%
2016 Q2		1.10%	1.10%

#### Table 4: Prescribed Interest Rates Approved by the Board

Orillia Power did not have any Board Approved CDM programs.

Orillia Power is requesting an LRAMVA amount of \$288,165 related to CDM activities in 2011-2014 plus carrying charges of \$11,688 for a total claim amount of \$299,853. The LRAMVA balance recorded at December 31, 2014 and reported in RRR 2.1.7 on April 30, 2015 of \$122,373 was based on verified results for the period 2011-2013. An adjustment was made on September 30, 2015 to Account 1568 to record the updated balance based on final verified results for the period 2011-2014.

Orillia Power has used the total metered kWh consumption and kW demand as per the pre-populated amounts in the 2016 Rate Model for the Residential and General Service

rate classes to determine a rate rider for LRAMVA as shown in Table 5 below. The LRAMVA rate rider is not applicable to Orillia Power's other rate classes.

Rate Class	Total Metered kWh/kW	L	RAMVA	arrying harges	 RAMVA Claim	 RMAVA te Rider	U of M
Residential	107,122,733	\$	48,191	\$ 1,756	\$ 49,947	\$ 0.0005	\$/kWh
General Service Less Than 50 kW	45,695,188	\$	70,756	\$ 2,653	\$ 73,409	\$ 0.0016	\$/kWh
General Service 50 to 4,999 kW	405,950	\$	169,217	\$ 7,280	\$ 176,497	\$ 0.4348	\$/kW
Total LRAMVA Claim		\$	288,165	\$ 11,688	\$ 299,853		

Table 5: LRAMVA Rate Riders

### **10** Application of Tax Change

The Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario's Electricity Distributors prescribes a 50/50 sharing between the distributor and ratepayers of the impact of legislated tax changes from the distributor's tax rate embedded in its Board-approved rate base rate known at the time of the Application. Orillia Power has populated the Shared Tax Savings worksheets in the 2016 Rate Model. Based on the results of the Model, Orillia Power will return tax savings of \$22,162 to its customers over a one-year period.

Under the Board Policy on new distribution rate design for residential electricity customers, distributors must propose a fully fixed rate design for charges specifically related to the distribution of electricity, e.g. Shared Tax Savings, Z-Factors, ACM and ICM rate riders. Accordingly, Table 6 shows the proposed fixed and variable rate riders by rate class.

Rate Class	U of M	Distribution Fixed Rate	Distribution Volumetric Rate
Residential	\$/customer	-0.08	
General Service Less Than 50 kW	\$/kWh		-0.0001
General Service 50 to 4,999 kW	\$/kW		-0.0156
Unmetered Scattered Load	\$/kWh		-0.0001
Sentinel Lighting	\$/kW		-0.0652
Street Lighting	\$/kW		-0.0761

Table 6: Shared	Tax Savings	Rate Rider b	w Rate Class
Table 0. Onaleu	Tax Gavings	Mate Muel B	y male class

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 22 of 24

### **11 Tariff of Rates and Charges**

A PDF copy of Orillia Power's Current Tariff of Rates and Charges is attached as Appendix A. Orillia Power has completed the 2016 Rate Model and generated a Proposed Tariff of Rates and Charges effective May 1, 2016 using Tab 17. Final Tariff in the Model. A PDF copy is attached as Appendix B. The proposed charges and tariffs are consistent with the Application with the exception noted below:

• The Board number appearing on the Proposed Tariff of Rates and Charges is EB-2014-0104 but it should be EB-2015-0024

### 12 Bill Impacts

Orillia Power has calculated the bill impacts by rate class using the 2016 Rate Model's Tab 18. Bill Impacts. Orillia Power has recreated the tables in excel outside of the Model in order to address the following issues found in the Model:

- 1. Volumetric Rate Riders for Application of Tax Change are missing under Current Board-Approved rates for all rate classes
- 2. Debt Retirement Charge (DRC) is shown as 0.0007 under Current Board-Approved rates for all rate classes and 0.007 under Proposed Board-Approved rates. Orillia Power's DRC rate is 0.0049 for all rate classes
- 3. Fixed Rate Rider for SMIRR \$7.48 is missing under Current Board-Approved rates for GS<50 kW rate class

Bill impact schedules for all rate classes have been prepared based on proposed rates in the Application as summarized in the Table 7 below, attached as Appendix C-1. Additional bill impact schedules for all rate classes have been prepared including a proposed rate adder (1576) as summarized in the in the Table 8 below, attached as Appendix C-2. The bill impact for customers in the 10<sup>th</sup> consumption percentile is discussed in Section 4.

In summary, based on rates proposed in the Application, the total bill impact for a:

- 1. Residential customer using 800 kWh is an increase of \$10.81 or 7.93%
- General Service Less Than 50 kW customer using 2,000 kWh is an increase of \$40.26 or 11.89%

The bill impact based on the "Delivery" line of a Standardized Bill for a:

1. Residential customer using 800 kWh is an increase of \$0.08 or 0.19%

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 23 of 24

 General Service Less Than 50 kW customer using 2,000 kWh is an increase of \$2.34 or 2.19%

The removal of the OCEB on January 1, 2016 is the driver of the significant impact on the total bills for these customer rate classes. Orillia Power is proposing to mitigate the impact on total bill increases with the proposed rate adder for Account 1576 which has been submitted today as a separate rate application.

2016 IRM Distribution Rate Application EB-2015-0024 Submitted: October 19, 2015 Page 24 of 24

RATE CLASS CATEGORY		Billed Quantity	Units	<b>b-Total /</b> pass th	· · · · · ·			<b>Distribution</b> ub-Total A)	-		<b>C Delivery</b> Sub-Total B)	Total Bil	Impact
				\$	%		\$	%		\$	%	\$	%
RESIDENTIAL	RPP	800	kWh	\$ 0.86	2.9%	-\$	0.34	-1.0%	\$	0.08	0.2%	\$ 10.81	7.9%
GENERAL SERVICE LESS THAN 50 KW	RPP	2,000	kWh	\$ 4.28	5.6%	\$	1.28	1.4%	\$	2.34	2.2%	\$ 40.26	11.9%
GENERAL SERVICE 50 TO 4,999 KW	Non-RPP (Other)	100	kW	\$ 54.57	8.0%	\$	240.00	34.0%	\$	259.83	24.8%	\$ 293.61	2.8%
UNMETERED SCATTERED LOAD	RPP	100	kWh	\$ 0.16	1.4%	\$	-	0.0%	\$	0.05	0.4%	\$ 2.81	11.3%
SENTINEL LIGHTING	RPP	1	kW	\$ 0.25	1.9%	-\$	0.31	-1.7%	-\$	0.16	-0.8%	\$ 11.09	10.9%
STREET LIGHTING	Non-RPP (Other)	600	kW	\$ 183.12	2.1%	\$	1,335.12	15.0%	\$	1,423.56	13.6%	\$ 1,608.62	4.6%
RESIDENTIAL 10th Percentile	RPP	321	kWh	\$ 2.44	11.2%	\$	1.96	7.9%	\$	2.13	7.7%	\$ 7.90	12.1%
RESIDENTIAL 10th Percentile	Non-RPP (Retailer)	321	kWh	\$ 2.44	11.2%	\$	4.14	16.9%	\$	4.31	15.6%	\$ 10.08	16.0%

#### Table 7: Bill Impacts Summary

### Table 8: Bill Impacts Summary including Proposed Rate Adder (1576)

RATE CLASS	CATEGORY	Billed Quantity	Units		<b>b-Total /</b> pass th	A (excluding nrough)			<b>Distribution</b> ub-Total A)			<b>C Delivery</b> Sub-Total B)	Total Bill	Impact
					\$	%		\$	%		\$	%	\$	%
RESIDENTIAL	RPP	800	kWh	-\$	0.96	-3.2%	-\$	2.16	-6.1%	-\$	1.74	-4.0%	\$ 8.76	6.4%
GENERAL SERVICE LESS THAN 50 KW	RPP	2,000	kWh	-\$	0.52	-0.7%	-\$	3.52	-3.9%	-\$	2.46	-2.3%	\$ 34.84	10.3%
GENERAL SERVICE 50 TO 4,999 KW	Non-RPP (Other)	100	kW	-\$	35.17	-5.2%	\$	150.26	21.3%	\$	170.09	16.3%	\$ 192.20	1.8%
UNMETERED SCATTERED LOAD	RPP	100	kWh	-\$	0.08	-0.7%	-\$	0.24	-2.0%	-\$	0.19	-1.5%	\$ 2.54	10.3%
SENTINEL LIGHTING	RPP	1	kW	-\$	0.61	-4.5%	-\$	1.17	-6.6%	-\$	1.02	-5.0%	\$ 10.11	10.0%
STREET LIGHTING	Non-RPP (Other)	600	kW	-\$	333.06	-3.8%	\$	818.94	9.2%	\$	907.38	8.7%	\$ 1,025.34	2.9%
RESIDENTIAL 10th Percentile	RPP	321	kWh	\$	0.62	2.8%	\$	0.14	0.6%	\$	0.31	1.1%	\$ 5.84	8.9%
RESIDENTIAL 10th Percentile	Non-RPP (Retailer)	321	kWh	\$	0.62	2.8%	\$	2.32	9.4%	\$	2.49	9.0%	\$ 8.03	12.8%

Orillia Power Distribution Corporation 2016 IRM Distribution Rate Application EB-2015-0024 Submitted October 19, 2015

**APPENDIX A – Current Tariff of Rates and Charges** 

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

EB-2014-0104

### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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 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.

Service Charge	\$	14.02
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of		
the next cost of service-based rate order	\$	2.56
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0167
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0104

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

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly maximum 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	\$	36.76
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of		
the next cost of service-based rate order	\$	7.48
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035

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

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0104

### **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

Service Charge	\$	334.58
Distribution Volumetric Rate	\$/kW	3.5192
Low Voltage Service Rate	\$/kW	0.2230
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.0373)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9971
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4091
MONTHLY RATES AND CHARGES - Regulatory Component		
Whalesola Market San inc. Data	¢//////b	0.0044

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0104

### STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as nameplate rating of the load displacement facility. 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.

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 - APPROVED ON AN INTERIM BASIS**

Distribution Volumetric Rate - \$/kW of contracted amount

\$/kW 1.0524

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

EB-2014-0104

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

Service Charge (per connection)	\$	10.40
Distribution Volumetric Rate	\$/kWh	0.0093
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
	<b>•</b> " • • •	

Wholesale Warker Service Rate	φ/κννιι	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0104

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are 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.

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.

Service Charge (per connection)	\$	3.81
Distribution Volumetric Rate	\$/kW	9.9683
Low Voltage Service Rate	\$/kW	0.1698
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.1392)
Retail Transmission Rate - Network Service Rate	\$/kW	1.4787
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0727
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0104

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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.

Service Charge (per connection)	\$	4.48
Distribution Volumetric Rate	\$/kW	14.8974
Low Voltage Service Rate	\$/kW	0.1663
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.1875)
Retail Transmission Rate - Network Service Rate	\$/kW	1.4712
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0506
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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

EB-2014-0104

### microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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.

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.

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

5.40

\$

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

EB-2014-0104

## **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

## SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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.

#### Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$ \$	15.00
Legal letter		15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Collection of account charge – no disconnection – after regular hours	\$	165.00
Disconnect/Reconnect charges for non payment of account – at meter during regular hours	\$	65.00
Disconnect/Reconnect charges for non payment of account – at meter after regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account – at pole during regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account – at pole after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Other		
Temporary Service – Install & remove – overhead – no transformer	\$	500.00
Temporary Service – Install & remove – underground – no transformer	\$	300.00
Temporary Service – Install & remove – overhead – with transformer	\$	1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

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

EB-2014-0104

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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.

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

## LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0561
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0455

Orillia Power Distribution Corporation 2016 IRM Distribution Rate Application EB-2015-0024 Submitted October 19, 2015

**APPENDIX B – Proposed Tariff of Rates and Charges** 

Effective and Implementation Date May-01-16 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

## **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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 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	\$	17.60
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of		
service-based rate order	\$	2.56
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0127
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0028)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0068
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2017	\$/kWh	0.0005
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$	(0.08)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

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

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly maximum 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.

Service Charge	\$	37.24
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of		
service-based rate order	\$	7.48
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0164
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0028)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0068
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2017	\$/kWh	0.0016
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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	\$	338.93
Distribution Volumetric Rate	\$/kW	3.5649
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4856
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0338)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kW	2.4026
Low Voltage Service Rate	\$/kW	0.2230
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2017	\$/kW	0.4348
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0156)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0425
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5620
MONITHI V PATES AND CHARGES Pogulatory Component		

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

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

## STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as nameplate rating of the load displacement facility. 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.

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 - APPROVED ON AN INTERIM BASIS**

Distribution Volumetric Rate - \$/kW of contracted amount

\$/kW

1.0661

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

Service Charge (per connection)	\$	10.54
Distribution Volumetric Rate	\$/kWh	0.0094
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0028)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0068
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

## SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are 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.

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.

Service Charge (per connection)	\$	3.86
Distribution Volumetric Rate	\$/kW	10.0979
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4427
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0052)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kW	2.4517
Low Voltage Service Rate	\$/kW	0.1698
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0652)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5123
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1891
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

## STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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.

Service Charge (per connection)	\$	4.54
Distribution Volumetric Rate	\$/kW	15.0911
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4688
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.9992)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kW	2.4504
Low Voltage Service Rate	\$/kW	0.1663
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0761)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1646
MONTHLY RATES AND CHARGES - Regulatory Component		

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### **MICROFIT SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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.

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.

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

5.40

\$

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

### SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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.

#### **Customer Administration**

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect charges for non payment of account - at meter during regular hours	\$	65.00
Disconnect/Reconnect charges for non payment of account - at meter after regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account - at pole during regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account - at pole after regular hours	\$	415.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Other		
Temporary Service - Install & Remove - Overhead - No Transformer	\$	500.00
Temporary Service - Install & Remove - Underground - No Transformer	\$	300.00
Temporary Service - Install & Remove - Overhead - With Transformer	\$	1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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.

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

## LOSS FACTORS

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

aport the met subsequent bining for each bining cycle.	
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0561
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0455

APPENDIX C-1 – Bill Impacts based on rates proposed in the 2016 Rate Model

Consumption	800 kWh		kW	]	Current Loss Factor	1.0561
RPP	<b>600</b> kWh	OCEB	Yes		Proposed Loss Factor	1.0561
-				-		

	Current Board Approved				Proposed			Impact	
RESIDENTIAL	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change	
	\$		\$	\$		\$	\$	%	
Monthly Service Charge	\$14.02	1	\$14.02		1	\$17.60	\$3.58	25.53%	
Distribution Volumetric Rate	\$0.0167	800	\$13.36	• • •	800	\$10.16	-\$3.20	-23.95%	
Fixed Rate Riders	\$2.56	1	\$2.56		1	\$2.48	-\$0.08	-3.13%	
Fixed Rate Adder (1576)		1	\$0.00		1	\$0.00	\$0.00		
Volumetric Rate Riders	-\$0.0002	800	-\$0.16	\$0.0005	800	\$0.40	\$0.56	-350.00%	
Sub-Total A (excluding pass through)			\$29.78			\$30.64	\$0.86	2.89%	
Line Losses on Cost of Power	\$0.1021	45	\$4.58	\$0.1021	45	\$4.58	\$0.00	0.00%	
Total Deferral/Variance Account Rate Riders		800	\$0.00	-\$0.0015	800	-\$1.20	-\$1.20		
Low Voltage Service Charge	\$0.0006	800	\$0.48	\$0.0006	800	\$0.48	\$0.00	0.00%	
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%	
Sub-Total B - Distribution									
(includes Sub-Total A)			\$35.63			\$35.29	-\$0.34	-0.95%	
RTSR - Network	\$0.0054	845	\$4.56	\$0.0055	845	\$4.65	\$0.08	1.85%	
Transformation Connection	\$0.0038	845	\$3.21	\$0.0042	845	\$3.55	\$0.34	10.53%	
Sub-Total C - Delivery									
(including Sub-Total B)			\$43.41			\$43.49	\$0.08	0.19%	
Wholesale Market Service Charge (WMSC)	\$0.0044	845	\$3.72	\$0.0044	845	\$3.72	\$0.00	0.00%	
Rural and Remote Rate Protection (RRRP)	\$0.0013	845	\$1.10	\$0.0013	845	\$1.10	\$0.00	0.00%	
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%	
Debt Retirement Charge (DRC)	\$0.0049	800	\$3.92		800	\$0.00	-\$3.92		
Ontario Electricity Support Program (OESP)							\$0.00		
TOU - Off Peak	\$0.0800	512	\$40.96	\$0.0800	512	\$40.96	\$0.00	0.00%	
TOU - Mid Peak	\$0.1220	144	\$17.57	\$0.1220	144	\$17.57	\$0.00	0.00%	
TOU - On Peak	\$0.1610	144	\$23.18	\$0.1610	144	\$23.18	\$0.00	0.00%	
Total Bill on TOU (before Taxes)			\$134.10			\$130.27	-\$3.84	-2.86%	
HST	13%		\$17.43	13%		\$16.93	-\$0.50	-2.86%	
Total Bill (including HST)			\$151.54			\$147.20	-\$4.34	-2.86%	
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 15.15						
Total Bill on TOU			\$136.39			\$147.20	\$10.81	7.93%	

Consumption 10th Percentile	321 kWh		kW	Current Loss Factor	1.0561
RPP	<b>600</b> kWh	OCEB	Yes	Proposed Loss Factor	1.0561

	Currer	nt Board Ap	proved		Proposed			Impact	
RESIDENTIAL	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change	
	\$		\$	\$		\$	\$	%	
Monthly Service Charge	\$14.02	1	\$14.02	\$17.60	1	\$17.60	\$3.58	25.53%	
Distribution Volumetric Rate	\$0.0167	321	\$5.36	\$0.0127	321	\$4.08	-\$1.28	-23.95%	
Fixed Rate Riders	\$2.56	1	\$2.56	\$2.48	1	\$2.48	-\$0.08	-3.13%	
Fixed Rate Adder (1576)		1	\$0.00		1	\$0.00	\$0.00		
Volumetric Rate Riders	-\$0.0002	321	-\$0.06	\$0.0005	321	\$0.16	\$0.22	-350.00%	
Sub-Total A (excluding pass through)			\$21.88			\$24.32	\$2.44	11.16%	
Line Losses on Cost of Power	\$0.1021	18	\$1.84	\$0.1021	18	\$1.84	\$0.00	0.00%	
Total Deferral/Variance Account Rate Riders		321	\$0.00	-\$0.0015	321	-\$0.48	-\$0.48		
Low Voltage Service Charge	\$0.0006	321	\$0.19	\$0.0006	321	\$0.19	\$0.00	0.00%	
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%	
Sub-Total B - Distribution									
(includes Sub-Total A)			\$24.70			\$26.66	\$1.96	7.93%	
RTSR - Network	\$0.0054	339	\$1.83	\$0.0055	339	\$1.86	\$0.03	1.85%	
Transformation Connection	\$0.0038	339	\$1.29	\$0.0042	339	\$1.42	\$0.14	10.53%	
Sub-Total C - Delivery									
(including Sub-Total B)			\$27.82			\$29.95	\$2.13	7.65%	
Wholesale Market Service Charge (WMSC)	\$0.0044	339	\$1.49	\$0.0044	339	\$1.49	\$0.00	0.00%	
Rural and Remote Rate Protection (RRRP)	\$0.0013	339	\$0.44	\$0.0013	339	\$0.44	\$0.00	0.00%	
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%	
Debt Retirement Charge (DRC)	\$0.0049	321	\$1.57		321	\$0.00	-\$1.57		
Ontario Electricity Support Program (OESP)							\$0.00		
TOU - Off Peak	\$0.0800	205	\$16.44	\$0.0800	205	\$16.44	\$0.00	0.00%	
TOU - Mid Peak	\$0.1220	58	\$7.05	\$0.1220	58	\$7.05	\$0.00	0.00%	
TOU - On Peak	\$0.1610	58	\$9.30	\$0.1610	58	\$9.30	\$0.00	0.00%	
Total Bill on TOU (before Taxes)			\$64.36			\$64.92	\$0.56	0.86%	
HST	13%		\$8.37	13%		\$8.44	\$0.07	0.86%	
Total Bill (including HST)			\$72.73			\$73.35	\$0.63	0.86%	
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 7.27						
Total Bill on TOU			\$65.46			\$73.35	\$7.90	12.07%	

Consumption	321 kWh		kW	]	Current Loss Factor	1.0561
Non-RPP (Retailer)	kWh	OCEB	Yes		Proposed Loss Factor	1.0561
				-		

	Current Board Approved				Proposed			Impact	
RESIDENTIAL	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change	
	\$		\$	\$		\$	\$	%	
Monthly Service Charge	\$14.02	1	\$14.02	\$17.60		\$17.60		25.53%	
Distribution Volumetric Rate	\$0.0167	321	\$5.36		321	\$4.08		-23.95%	
Fixed Rate Riders	\$2.56	1	\$2.56		1	\$2.48		-3.13%	
Fixed Rate Adder (1576)		1	\$0.00		1	\$0.00			
Volumetric Rate Riders	-\$0.0002	321	-\$0.06	\$0.0005	321	\$0.16	\$0.22	-350.00%	
Sub-Total A (excluding pass through)			\$21.88			\$24.32	\$2.44	11.16%	
Line Losses on Cost of Power	\$0.0954	18	\$1.72	\$0.0954	18	\$1.72	\$0.00	0.00%	
Total Deferral/Variance Account Rate Riders		321	\$0.00	\$0.0053	321	\$1.70	\$1.70		
Low Voltage Service Charge	\$0.0006	321	\$0.19	\$0.0006	321	\$0.19	\$0.00	0.00%	
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%	
Sub-Total B - Distribution									
(includes Sub-Total A)			\$24.58			\$28.72	\$4.14	16.85%	
RTSR - Network	\$0.0054	339	\$1.83	\$0.0055	339	\$1.86	\$0.03	1.85%	
Transformation Connection	\$0.0038	339	\$1.29	\$0.0042	339	\$1.42	\$0.14	10.53%	
Sub-Total C - Delivery									
(including Sub-Total B)			\$27.70			\$32.01	\$4.31	15.57%	
Wholesale Market Service Charge (WMSC)	\$0.0044	339	\$1.49	\$0.0044	339	\$1.49	\$0.00	0.00%	
Rural and Remote Rate Protection (RRRP)	\$0.0013	339	\$0.44	\$0.0013	339	\$0.44	\$0.00	0.00%	
Standard Supply Service Charge	\$0.2500		\$0.00	\$0.2500		\$0.00	\$0.00		
Debt Retirement Charge (DRC)	\$0.0049	321	\$1.57		321	\$0.00	-\$1.57		
Ontario Electricity Support Program (OESP)							\$0.00		
Non-RPP Retailer Avg. Price	\$0.0954	321	\$30.62	\$0.0954	321	\$30.62	\$0.00	0.00%	
Total Bill on TOU (before Taxes)			\$61.82			\$64.56	\$2.74	4.43%	
HST	13%		\$8.04	13%		\$8.39	\$0.36	4.43%	
Total Bill (including HST)			\$69.86			\$72.96	\$3.09	4.43%	
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 6.99						
Total Bill on TOU			\$62.87			\$72.96	\$10.08	16.04%	

Consumption	2000 kWh	kW		kW		kW		kW		kW		kW		kW		kW		kW		Current Loss Factor	1.0561
RPP	<b>750</b> kWh	OCEB	Yes	Proposed Loss Factor	1.0561																

	Curren	t Board Ap	proved		Proposed		Imp	act
GENERAL SERVICE LESS THAN 50 KW	Rate \$	Volume	Charge \$	Rate \$	Volume	Charge \$	Change \$	Change %
Monthly Service Charge	\$36.76	1	\$36.76	\$37.24	1	\$37.24	\$0.48	1.31%
Distribution Volumetric Rate	\$0.0162	2,000	\$32.40	\$0.0164	2,000	\$32.80	\$0.40	1.23%
Fixed Rate Riders	\$7.48	1	\$7.48	\$7.48	1	\$7.48	\$0.00	0.00%
Volumetric Rate Adder (1576)		2,000	\$0.00		2,000	\$0.00	\$0.00	
Volumetric Rate Riders	-\$0.0002	2,000	-\$0.40	\$0.0015	2,000	\$3.00	\$3.40	-850.00%
Sub-Total A (excluding pass through)			\$76.24			\$80.52	\$4.28	5.61%
Line Losses on Cost of Power	\$0.1021	112	\$11.46	\$0.1021	112	\$11.46	\$0.00	0.00%
Total Deferral/Variance Account Rate Riders		2,000	\$0.00	-\$0.0015	2,000	-\$3.00	-\$3.00	
Low Voltage Service Charge	\$0.0006	2,000	\$1.20	\$0.0006	2,000	\$1.20	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$89.69			\$90.97	\$1.28	1.43%
RTSR - Network	\$0.0045	2,112	\$9.50		2,112	\$9.72	\$0.21	2.22%
Transformation Connection	\$0.0035	2,112	\$7.39	\$0.0039	2,112	\$8.24	\$0.84	11.43%
Sub-Total C - Delivery								
(including Sub-Total B)			\$106.59			\$108.92	\$2.34	2.19%
Wholesale Market Service Charge (WMSC)	\$0.0044	2,112	\$9.29	\$0.0044	2,112	\$9.29	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	2,112	\$2.75	\$0.0013	2,112	\$2.75	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	2,000	\$9.80	\$0.0049	2,000	\$9.80	\$0.00	
TOU - Off Peak	\$0.0800	1,280	\$102.40	\$0.0800	1,280	\$102.40	\$0.00	0.00%
TOU - Mid Peak	\$0.1220	360	\$43.92	\$0.1220	360	\$43.92	\$0.00	0.00%
TOU - On Peak	\$0.1610	360	\$57.96	\$0.1610	360	\$57.96	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$332.96			\$335.29	\$2.34	0.70%
HST	13%		\$43.28	13%		\$43.59	\$0.30	0.70%
Total Bill (including HST)			\$376.24			\$378.88	\$2.64	0.70%
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 37.62					
Total Bill on TOU			\$338.62			\$378.88	\$40.26	11.89%

Consumption	73,000 kWh	100	kW	Current Loss Factor	1.0561
Non-RPP (Other)	kWh	OCEB	No	Proposed Loss Factor	1.0561

	Currer	t Board Ap	proved		Proposed		Imp	act
	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change
GENERAL SERVICE 50 TO 4,999 KW	\$		\$	\$		\$	\$	%
Monthly Service Charge	\$334.58	1	\$334.58	\$338.93	1	\$338.93	\$4.35	1.30%
Distribution Volumetric Rate	\$3.5192	100	\$351.92	\$3.5649	100	\$356.49	\$4.57	1.30%
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Adder (1576)		100	\$0.00		100	\$0.00	\$0.00	
Volumetric Rate Riders	-\$0.0373	100	-\$3.73	\$0.4192	100	\$41.92	\$45.65	-1223.86%
Sub-Total A (excluding pass through)			\$682.77			\$737.34	\$54.57	7.99%
Total Deferral/Variance Account Rate Riders		100	\$0.00	\$1.8543	100	\$185.43	\$185.43	
Low Voltage Service Charge	\$0.2230	100	\$22.30	\$0.2230	100	\$22.30	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution								
(includes Sub-Total A)			\$705.07			\$945.07	\$240.00	34.04%
RTSR - Network	\$1.9971	100	\$199.71	\$2.0425	100	\$204.25	\$4.54	2.27%
Transformation Connection	\$1.4091	100	\$140.91	\$1.5620	100	\$156.20	\$15.29	10.85%
Sub-Total C - Delivery								
(including Sub-Total B)			\$1,045.69			\$1,305.52	\$259.83	24.85%
Wholesale Market Service Charge (WMSC)	\$0.0044	77,095	\$339.22	\$0.0044	77,095	\$339.22	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	77,095	\$100.22	\$0.0013	77,095	\$100.22	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	73,000	\$357.70	\$0.0049	73,000	\$357.70	\$0.00	
Average IESO Wholesale Market Price	\$0.0954	77,095	\$7,354.89	\$0.0954	77,095	\$7,354.89	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$9,197.97			\$9,457.80	\$259.83	2.82%
HST	13%		\$1,195.74	13%		\$1,229.51	\$33.78	2.82%
Total Bill (including HST)			\$10,393.71			\$10,687.32	\$293.61	2.82%
Ontario Clean Energy Benefit <sup>1</sup>			\$-					
Total Bill on TOU			\$10,393.71			\$10,687.32	\$293.61	2.82%

Consumption	100 kWh		kW	Current Loss Factor	1.0561
RPP	<b>750</b> kWh	OCEB	Yes	Proposed Loss Factor	1.0561

Distribution Volumetric Rate         \$0.0093         100         \$0.93         \$0.0094         100           Fixed Rate Riders         1         \$0.00         1         \$0.00         100         \$0.00         \$0.00         100         \$0.00         \$0.00         100         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00	l		pact
Monthly Service Charge         \$10.40         1         \$10.40         \$10.54           Distribution Volumetric Rate         \$0.0093         100         \$0.93         \$0.0094         100           Fixed Rate Riders         1         \$0.000         100         \$0.00         100           Volumetric Rate Adder (1576)         100         \$0.00         100         \$0.00         100           Volumetric Rate Riders         -\$0.0002         100         -\$0.02         -\$0.0001         100           Sub-Total A (excluding pass through)         \$11.31         \$11.31         100         \$0.000         -\$0.0016         100           Line Losses on Cost of Power         \$0.1021         6         \$0.57         \$0.1021         700         \$0.006         \$0.0006         100         \$0.00         -\$0.0016         100         \$0.000         \$0.0016         100         \$0.000         \$0.0006         100         \$0.006         \$0.0006         100         \$0.006         \$0.0006         100         \$0.000         \$0.0006         100         \$0.0006         100         \$0.0006         100         \$0.0006         \$0.0006         100         \$0.0006         \$0.0006         100         \$0.0006         \$0.0005         100         \$0.0013	Charge	Change	Change
Distribution Volumetric Rate         \$0.0093         100         \$0.93         \$0.0094         100           Fixed Rate Riders         1         \$0.00         100         \$0.00         100         \$0.000         100           Volumetric Rate Adder (1576)         100         \$0.002         -\$0.002         100         -\$0.002         -\$0.001         100           Sub-Total A (excluding pass through)         \$11.31         \$11.31         100         \$0.006         -\$0.001         100           Line Losses on Cost of Power         \$0.1021         6         \$0.57         \$0.1021         100         \$0.006         100         \$0.0013         100         \$0.0013         100         \$0	\$	\$	%
Fixed Rate Riders       1       \$0.00       100         Volumetric Rate Adder (1576)       100       \$0.000       100         Volumetric Rate Riders       -\$0.0002       100       -\$0.02       -\$0.0001       100         Sub-Total A (excluding pass through)       \$11.31       \$11.31       100       \$0.000       -\$0.0016       100         Line Losses on Cost of Power       \$0.1021       6       \$0.57       \$0.1021       50.0006       100       \$0.00       -\$0.0016       100         Low Voltage Service Charge       \$0.0006       100       \$0.00       \$0.006       \$0.0006       100       \$0.006       \$0.0006       100       \$0.00       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0006       100       \$0.0016       100       \$0.0016       100       \$0.0016       100       \$0.0016       100       \$0.0016       100       \$0.0016       100       \$0.0013       100       \$0.0013       100       \$0.0013       100       \$0.0013       100 <td>1 \$10.54</td> <td></td> <td></td>	1 \$10.54		
Volumetric Rate Adder (1576)         100         \$0.00         100           Volumetric Rate Riders         -\$0.0002         100         -\$0.02         -\$0.0001         100           Sub-Total A (excluding pass through)         \$11.31         \$11.31         \$11.31         \$11.31           Line Losses on Cost of Power         \$0.1021         6         \$0.57         \$0.1021         \$0.00         -\$0.0016         100           Low Voltage Service Charge         \$0.0006         100         \$0.00         -\$0.0016         100           Sub-Total B - Distribution         1         \$0.00         \$0.006         100         \$0.006         100           Sub-Total B - Distribution         1         \$0.00         \$0.0045         106         \$0.48         \$0.0046         100           Sub-Total B - Distribution         \$11.94         \$11.94         \$11.94         \$11.94         \$106         \$0.48         \$0.0046         100         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery         \$10.0013         106         \$0.46         \$0.0044         100           Sub-Total B)         \$12.79         \$12.79         \$10.013         100         \$0.046         \$0.0044         100	• • •		
Volumetric Rate Riders         -\$0.0002         100         -\$0.02         -\$0.0001         100           Sub-Total A (excluding pass through)         \$11.31         \$11.31         \$11.31         \$11.31         \$11.31         \$11.31         \$11.31         \$11.31         \$11.31         \$11.31         \$100         \$0.000         \$0.001         \$0.001         \$0.001         \$0.001         \$0.001         \$0.001         \$100         \$0.000         \$0.001         \$100         \$0.000         \$0.000         \$100         \$0.000         \$0.000         \$100         \$0.000         \$0.000         \$100         \$0.000         \$0.000         \$100         \$0.000         \$0.000         \$100         \$0.000         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.000         \$100         \$0.003         \$100         \$0.003         \$100         \$0.003         \$100         \$0.0044         \$100         \$0.013         \$100         \$0.013         \$100         \$0.013         \$100         \$0.013         \$100         \$0.046         \$0.0044         \$100	1 \$0.00		
Sub-Total A (excluding pass through)         \$11.31           Line Losses on Cost of Power         \$0.1021         6         \$0.57         \$0.1021           Total Deferral/Variance Account Rate Riders         100         \$0.000         -\$0.0016         100           Low Voltage Service Charge         \$0.0006         100         \$0.006         \$0.0006         100           Smart Meter Entity Charge (if applicable)         1         \$0.000         \$0.006         \$0.0006         100           Sub-Total B - Distribution (includes Sub-Total A)         \$11.94         \$11.94         \$11.94         \$11.94           RTSR - Network         \$0.0035         106         \$0.48         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$12.79         \$11.24           Wholesale Market Service Charge (WMSC)         \$0.0013         106         \$0.46         \$0.0044         100           Rural and Remote Rate Protection (RRRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         1         \$0.25         \$0.2500         100         \$0.049         100         \$0.049         100         \$0.049         1	\$0.00	\$0.00	
Line Losses on Cost of Power         \$0.1021         6         \$0.57         \$0.1021           Total Deferral/Variance Account Rate Riders         100         \$0.00         -\$0.0016         100           Low Voltage Service Charge         \$0.0006         100         \$0.00         -\$0.0016         100           Smart Meter Entity Charge (if applicable)         1         \$0.000         100         \$0.006         100           Sub-Total B - Distribution (includes Sub-Total A)         \$11.94         \$11.94         \$11.94         \$11.94           RTSR - Network         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$12.79         \$12.79         \$12.79           Wholesale Market Service Charge (WMSC)         \$0.0013         106         \$0.14         \$0.0013         100           Rural and Remote Rate Protection (RRRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         64           TOU - On Peak         \$0.1610         18	-\$0.01	\$0.01	-50.00%
Total Deferral/Variance Account Rate Riders         100         \$0.00         -\$0.0016         100           Low Voltage Service Charge         \$0.0006         100         \$0.06         \$0.0006         100           Smart Meter Entity Charge (if applicable)         1         \$0.00         \$0.00         \$0.006         100           Sub-Total B - Distribution (includes Sub-Total A)         \$11.94         \$11.94         \$11.94         \$100           RTSR - Network         \$0.0035         106         \$0.48         \$0.0046         100           Transformation Connection         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$12.79         \$100         \$0.044         100           Wholesale Market Service Charge (WMSC)         \$0.0044         106         \$0.46         \$0.0044         100           Rural and Remote Rate Protection (RRRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         1           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         64           TOU - On Peak         \$0.1610 <td>\$11.47</td> <td>\$0.16</td> <td>1.41%</td>	\$11.47	\$0.16	1.41%
Low Voltage Service Charge         \$0.0006         100         \$0.06         \$0.0006         100           Smart Meter Entity Charge (if applicable)         1         \$0.00         1         \$0.00         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         100         \$0.006         \$0.0006         100         \$0.000         \$0.0006         100         \$0.0006         100         \$0.0006         100         \$0.0006         100         \$0.0046         100         \$0.78         \$0.0046         100         \$0.78         \$0.0039         100         \$0.48         \$0.0039         100         \$0.0039         100         \$0.0039         100         \$0.0044         100         \$0.0044         100         \$0.0044         100         \$0.0044         100         \$0.0044         100         \$0.0044         100         \$0.0044         100         \$0.0044         100         \$0.14         \$0.0013         100         \$0.14         \$0.0013         100         \$0.14         \$0.0013         100         \$0.0049         100         \$0.0049         100 <td>6 \$0.57</td> <td>\$0.00</td> <td>0.00%</td>	6 \$0.57	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)         1         \$0.00           Sub-Total B - Distribution (includes Sub-Total A)         \$11.94         \$11.94           RTSR - Network         \$0.0045         106         \$0.48         \$0.0046         100           Transformation Connection         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$100         \$0.46         \$0.0044         100           Wholesale Market Service Charge (WMSC)         \$0.0013         106         \$0.14         \$0.0013         100           Rural and Remote Rate Protection (RRRP)         \$0.0013         106         \$0.49         \$0.0049         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         100           Debt Retirement Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           TOU - Off Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	-\$0.16	-\$0.16	
Sub-Total B - Distribution (includes Sub-Total A)         \$11.94           RTSR - Network         \$0.0045         106         \$0.48         \$0.0046         100           Transformation Connection         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$100         \$0.46         \$0.0044         100           Wholesale Market Service Charge (WMSC)         \$0.0044         106         \$0.46         \$0.0044         100           Rural and Remote Rate Protection (RRRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         100           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         64           TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	\$0.06	\$0.00	0.00%
(includes Sub-Total A)         \$11.94           RTSR - Network         \$0.0045         106         \$0.48         \$0.0046         100           Transformation Connection         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$12.79         \$100         \$0.0044         100           Wholesale Market Service Charge (WMSC)         \$0.0044         106         \$0.46         \$0.0044         100           Rural and Remote Rate Protection (RRRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         100           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         66           TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	1 \$0.00	\$0.00	
RTSR - Network         \$0.0045         106         \$0.48         \$0.0046         100           Transformation Connection         \$0.0035         106         \$0.37         \$0.0039         100           Sub-Total C - Delivery (including Sub-Total B)         \$12.79         \$100         \$10.46         \$0.0044         \$100         \$10.46         \$0.0044         \$100         \$10.46         \$0.0044         \$100         \$10.75         \$100         \$100         \$10.75         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$100         \$10			
Transformation Connection       \$0.0035       106       \$0.37       \$0.0039       107         Sub-Total C - Delivery (including Sub-Total B)       \$12.79       \$12.79       \$12.79       \$12.79         Wholesale Market Service Charge (WMSC)       \$0.0013       106       \$0.46       \$0.0044       100         Rural and Remote Rate Protection (RRRP)       \$0.0013       106       \$0.14       \$0.0013       100         Standard Supply Service Charge (DRC)       \$0.0049       100       \$0.49       \$0.0049       100         TOU - Off Peak       \$0.0800       64       \$5.12       \$0.0800       66         TOU - Mid Peak       \$0.1220       18       \$2.20       \$0.1220       1         TOU - On Peak       \$0.1610       18       \$2.90       \$0.1610       1	\$11.94	\$0.00	0.00%
Sub-Total C - Delivery (including Sub-Total B)         \$12.79           Wholesale Market Service Charge (WMSC)         \$0.0044         106         \$0.46         \$0.0044         100           Rural and Remote Rate Protection (RRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           Debt Retirement Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           TOU - Off Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	5 \$0.49	9 \$0.01	2.22%
(including Sub-Total B)         \$12.79           Wholesale Market Service Charge (WMSC)         \$0.0044         106         \$0.46         \$0.0044         100           Rural and Remote Rate Protection (RRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         1           Debt Retirement Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         66           TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	6 \$0.41	\$0.04	11.43%
Wholesale Market Service Charge (WMSC)         \$0.0044         106         \$0.46         \$0.0044         106           Rural and Remote Rate Protection (RRP)         \$0.0013         106         \$0.14         \$0.0013         100           Standard Supply Service Charge         \$0.2500         1         \$0.25         \$0.2500         1           Debt Retirement Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         66           TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1			
Rural and Remote Rate Protection (RRRP)       \$0.0013       106       \$0.14       \$0.0013       100         Standard Supply Service Charge       \$0.2500       1       \$0.25       \$0.2500       1         Debt Retirement Charge (DRC)       \$0.0049       100       \$0.49       \$0.0049       100         TOU - Off Peak       \$0.0800       64       \$5.12       \$0.0800       66         TOU - Mid Peak       \$0.1220       18       \$2.20       \$0.1220       1         TOU - On Peak       \$0.1610       18       \$2.90       \$0.1610       1	\$12.84	\$0.05	
Standard Supply Service Charge       \$0.2500       1       \$0.25       \$0.2500         Debt Retirement Charge (DRC)       \$0.0049       100       \$0.49       \$0.0049       100         TOU - Off Peak       \$0.0800       64       \$5.12       \$0.0800       66         TOU - Mid Peak       \$0.1220       18       \$2.20       \$0.1220       1         TOU - On Peak       \$0.1610       18       \$2.90       \$0.1610       1	5 \$0.46	\$0.00	0.00%
Debt Retirement Charge (DRC)         \$0.0049         100         \$0.49         \$0.0049         100           TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         66           TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	5 \$0.14	\$0.00	0.00%
TOU - Off Peak         \$0.0800         64         \$5.12         \$0.0800         66           TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	1 \$0.25	5 \$0.00	0.00%
TOU - Mid Peak         \$0.1220         18         \$2.20         \$0.1220         1           TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	\$0.49	9 \$0.00	
TOU - On Peak         \$0.1610         18         \$2.90         \$0.1610         1	4 \$5.12	2 \$0.00	0.00%
	3 \$2.20	\$0.00	0.00%
Total Bill on TOU (before Taxes)     \$24.34	\$2.90	\$0.00	0.00%
Total Bill on TOU (before Taxes) \$24.34			
	\$24.40	) \$0.05	0.22%
HST 13% \$3.16 13%	\$3.17	\$0.01	0.22%
Total Bill (including HST) \$27.51	\$27.57	\$0.06	0.22%
Ontario Clean Energy Benefit <sup>1</sup> -\$ 2.75			
Total Bill on TOU \$24.76	\$27.57	7 \$2.81	11.35%

	Currer	nt Board Ap	proved		Proposed		Imp	act
SENTINEL LIGHTING	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change
	\$		\$	\$		\$	\$	%
Monthly Service Charge	\$3.81	1	\$3.81	\$3.86	1	\$3.86	\$0.05	1.31%
Distribution Volumetric Rate	\$9.9683	1	\$9.97	\$10.0979	1	\$10.10	\$0.13	1.30%
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Adder (1576)		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Riders	-\$0.1392	1	-\$0.14	-\$0.0652	1	-\$0.07	\$0.07	-53.16%
Sub-Total A (excluding pass through)			\$13.64			\$13.89	\$0.25	1.86%
Line Losses on Cost of Power	\$0.1021	39	\$4.01	\$0.1021	39	\$4.01	\$0.00	0.00%
Total Deferral/Variance Account Rate Riders		1	\$0.00	-\$0.5625	1	-\$0.56	-\$0.56	
Low Voltage Service Charge	\$0.1698	1	\$0.17	\$0.1698	1	\$0.17	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution								
(includes Sub-Total A)			\$17.82			\$17.51	-\$0.31	-1.73%
RTSR - Network	\$1.4787	1	\$1.48	\$1.5123	1	\$1.51	\$0.03	2.27%
Transformation Connection	\$1.0727	1	\$1.07	\$1.1891	1	\$1.19	\$0.12	10.85%
Sub-Total C - Delivery								
(including Sub-Total B)			\$20.37			\$20.21	-\$0.16	-0.78%
Wholesale Market Service Charge (WMSC)	\$0.0044	739	\$3.25	\$0.0044	739	\$3.25	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	739	\$0.96	\$0.0013	739	\$0.96	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	700	\$3.43	\$0.0049	700	\$3.43	\$0.00	
TOU - Off Peak	\$0.0800	448	\$35.84	\$0.0800	448	\$35.84	\$0.00	0.00%
TOU - Mid Peak	\$0.1220	126	\$15.37	\$0.1220	126	\$15.37	\$0.00	0.00%
TOU - On Peak	\$0.1610	126	\$20.29	\$0.1610	126	\$20.29	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$99.76			\$99.60	-\$0.16	-0.16%
HST	13%		\$12.97	13%		\$12.95	-\$0.02	-0.16%
Total Bill (including HST)			\$112.73			\$112.55	-\$0.18	-0.16%
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 11.27					
Total Bill on TOU			\$101.46			\$112.55	\$11.09	10.93%

Consumption	182,000 kWh	600	kW	Current Loss Factor 1.	.0561
Non-RPP (Other)	kWh	OCEB	No	Proposed Loss Factor 1.	.0561

	Curren	t Board Ap	proved		Proposed		Imp	act
STREET LIGHTING	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change
STREET LIGHTING	\$		\$	\$		\$	\$	%
Monthly Service Charge	\$4.48	1	\$4.48	\$4.54	1	\$4.54	\$0.06	1.34%
Distribution Volumetric Rate	\$14.8974	600	\$8,938.44	\$15.0911	600	\$9,054.66	\$116.22	1.30%
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Adder (1576)		600	\$0.00		600	\$0.00	\$0.00	
Volumetric Rate Riders	-\$0.1875	600	-\$112.50	-\$0.0761	600	-\$45.66	\$66.84	-59.41%
Sub-Total A (excluding pass through)			\$8,830.42			\$9,013.54	\$183.12	2.07%
Total Deferral/Variance Account Rate Riders		600	\$0.00	\$1.9200	600	\$1,152.00	\$1,152.00	
Low Voltage Service Charge	\$0.1663	600	\$99.78	\$0.1663	600	\$99.78	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution								
(includes Sub-Total A)			\$8,930.20			\$10,265.32	\$1,335.12	14.95%
RTSR - Network	\$1.4712	600	\$882.72	\$1.5046	600	\$902.76	\$20.04	2.27%
Transformation Connection	\$1.0506	600	\$630.36	\$1.1646	600	\$698.76	\$68.40	10.85%
Sub-Total C - Delivery								
(including Sub-Total B)			\$10,443.28			\$11,866.84	\$1,423.56	13.63%
Wholesale Market Service Charge (WMSC)	\$0.0044	192,210	\$845.72	\$0.0044	192,210	\$845.72	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	192,210	\$249.87	\$0.0013	192,210	\$249.87	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	182,000	\$891.80	\$0.0049	182,000	\$891.80	\$0.00	
Average IESO Wholesale Market Price	\$0.0954	192,210	\$18,336.85	\$0.0954	192,210	\$18,336.85	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$30,767.78			\$32,191.34	\$1,423.56	4.63%
HST	13%		\$3,999.81	13%		\$4,184.87	\$185.06	4.63%
Total Bill (including HST)			\$34,767.59			\$36,376.22	\$1,608.62	4.63%
Ontario Clean Energy Benefit <sup>1</sup>			\$-					
Total Bill on TOU			\$34,767.59			\$36,376.22	\$1,608.62	4.63%

APPENDIX C-2 – Bill Impacts including the proposed rate adder (1576)

Consumption	800 kWh		kW	Current Loss Factor	1.0561
RPP	<b>600</b> kWh	OCEB	Yes	Proposed Loss Factor	1.0561
		-			

	Currer	nt Board Ap	proved		Proposed		act	
RESIDENTIAL	Rate \$	Volume	Charge \$	Rate \$	Volume	Charge \$	Change \$	Change %
Monthly Service Charge	\$14.02	1	\$14.02	\$17.60	1	\$17.60	\$3.58	25.53%
Distribution Volumetric Rate	\$0.0167	800	\$13.36	\$0.0127	800	\$10.16	-\$3.20	-23.95%
Fixed Rate Riders	\$2.56	1	\$2.56	\$2.48	1	\$2.48	-\$0.08	-3.13%
Fixed Rate Adder (1576)		1	\$0.00	-\$1.82	1	-\$1.82	-\$1.82	
Volumetric Rate Riders	-\$0.0002	800	-\$0.16	\$0.0005	800	\$0.40	\$0.56	-350.00%
Sub-Total A (excluding pass through)			\$29.78			\$28.82	-\$0.96	-3.22%
Line Losses on Cost of Power	\$0.1021	45	\$4.58	\$0.1021	45	\$4.58	\$0.00	0.00%
Total Deferral/Variance Account Rate Riders		800	\$0.00	-\$0.0015	800	-\$1.20	-\$1.20	
Low Voltage Service Charge	\$0.0006	800	\$0.48	\$0.0006	800	\$0.48	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution								
(includes Sub-Total A)			\$35.63			\$33.47	-\$2.16	-6.06%
RTSR - Network	\$0.0054	845	\$4.56	\$0.0055	845	\$4.65	\$0.08	1.85%
Transformation Connection	\$0.0038	845	\$3.21	\$0.0042	845	\$3.55	\$0.34	10.53%
Sub-Total C - Delivery (including Sub-Total B)			\$43.41			\$41.67	-\$1.74	-4.00%
Wholesale Market Service Charge (WMSC)	\$0.0044	845	\$3.72	\$0.0044	845	\$3.72	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	845	\$1.10	\$0.0013	845	\$1.10	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	800	\$3.92		800	\$0.00	-\$3.92	
Ontario Electricity Support Program (OESP)							\$0.00	
TOU - Off Peak	\$0.0800	512	\$40.96	\$0.0800	512	\$40.96	\$0.00	0.00%
TOU - Mid Peak	\$0.1220	144	\$17.57	\$0.1220	144	\$17.57	\$0.00	0.00%
TOU - On Peak	\$0.1610	144	\$23.18	\$0.1610	144	\$23.18	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$134.10			\$128.45	-\$5.66	-4.22%
HST	13%		\$17.43	13%		\$16.70	-\$0.74	-4.22%
Total Bill (including HST)			\$151.54			\$145.15	-\$6.39	-4.22%
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 15.15					
Total Bill on TOU			\$136.39			\$145.15	\$8.76	6.42%

	Currer	nt Board Ap	proved		Proposed		Impact		
RESIDENTIAL	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change	
	\$		\$	\$		\$	\$	%	
Monthly Service Charge	\$14.02	1	\$14.02	\$17.60	1	\$17.60	\$3.58	25.53%	
Distribution Volumetric Rate	\$0.0167	321	\$5.36	\$0.0127	321	\$4.08	-\$1.28	-23.95%	
Fixed Rate Riders	\$2.56	1	\$2.56	\$2.48	1	\$2.48	-\$0.08	-3.13%	
Fixed Rate Adder (1576)		1	\$0.00	-\$1.82	1	-\$1.82	-\$1.82		
Volumetric Rate Riders	-\$0.0002	321	-\$0.06	\$0.0005	321	\$0.16	\$0.22	-350.00%	
Sub-Total A (excluding pass through)			\$21.88			\$22.50	\$0.62	2.84%	
Line Losses on Cost of Power	\$0.1021	18	\$1.84	\$0.1021	18	\$1.84	\$0.00	0.00%	
Total Deferral/Variance Account Rate Riders		321	\$0.00	-\$0.0015	321	-\$0.48	-\$0.48		
Low Voltage Service Charge	\$0.0006	321	\$0.19	\$0.0006	321	\$0.19	\$0.00	0.00%	
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%	
Sub-Total B - Distribution									
(includes Sub-Total A)			\$24.70			\$24.84	\$0.14	0.56%	
RTSR - Network	\$0.0054	339	\$1.83	\$0.0055	339	\$1.86	\$0.03	1.85%	
Transformation Connection	\$0.0038	339	\$1.29	\$0.0042	339	\$1.42	\$0.14	10.53%	
Sub-Total C - Delivery									
(including Sub-Total B)			\$27.82			\$28.13	\$0.31	1.11%	
Wholesale Market Service Charge (WMSC)	\$0.0044	339	\$1.49	\$0.0044	339	\$1.49	\$0.00	0.00%	
Rural and Remote Rate Protection (RRRP)	\$0.0013	339	\$0.44	\$0.0013	339	\$0.44	\$0.00	0.00%	
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%	
Debt Retirement Charge (DRC)	\$0.0049	321	\$1.57		321	\$0.00	-\$1.57		
Ontario Electricity Support Program (OESP)							\$0.00		
TOU - Off Peak	\$0.0800	205	\$16.44	\$0.0800	205	\$16.44	\$0.00	0.00%	
TOU - Mid Peak	\$0.1220	58	\$7.05	\$0.1220	58	\$7.05	\$0.00	0.00%	
TOU - On Peak	\$0.1610	58	\$9.30	\$0.1610	58	\$9.30	\$0.00	0.00%	
Total Bill on TOU (before Taxes)			\$64.36			\$63.10	-\$1.26	-1.96%	
HST	13%		\$8.37	13%		\$8.20	-\$0.16	-1.96%	
Total Bill (including HST)			\$72.73			\$71.30	-\$1.43	-1.96%	
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 7.27						
Total Bill on TOU			\$65.46			\$71.30	\$5.84	8.92%	

Non-RPP (Retailer) kWb OCEB Yes Proposed Loss Factor	Consumption	321 kWh		kW	Current Loss Factor	1.0561
	Non-RPP (Retailer)	kWh	OCEB	Yes	Proposed Loss Factor	1.0561

	Currer	nt Board Ap	proved		Proposed		Imp	act
RESIDENTIAL	Rate \$	Volume	Charge \$	Rate \$	Volume	Charge \$	Change \$	Change %
Monthly Service Charge	\$14.02	1	\$14.02		1	\$17.60	•	25.53%
Distribution Volumetric Rate	\$0.0167	321	\$5.36	\$0.0127	321	\$4.08	-\$1.28	-23.95%
Fixed Rate Riders	\$2.56	1	\$2.56	\$2.48	1	\$2.48	-\$0.08	-3.13%
Fixed Rate Adder (1576)		1	\$0.00	-\$1.82	1	-\$1.82	-\$1.82	
Volumetric Rate Riders	-\$0.0002	321	-\$0.06	\$0.0005	321	\$0.16	\$0.22	-350.00%
Sub-Total A (excluding pass through)			\$21.88			\$22.50	\$0.62	2.84%
Line Losses on Cost of Power	\$0.0954	18	\$1.72	\$0.0954	18	\$1.72	\$0.00	0.00%
Total Deferral/Variance Account Rate Riders		321	\$0.00	\$0.0053	321	\$1.70	\$1.70	
Low Voltage Service Charge	\$0.0006	321	\$0.19	\$0.0006	321	\$0.19	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%
Sub-Total B - Distribution								
(includes Sub-Total A)			\$24.58			\$26.90	\$2.32	9.45%
RTSR - Network	\$0.0054	339	\$1.83	\$0.0055	339	\$1.86	\$0.03	1.85%
Transformation Connection	\$0.0038	339	\$1.29	\$0.0042	339	\$1.42	\$0.14	10.53%
Sub-Total C - Delivery								
(including Sub-Total B)			\$27.70			\$30.19	\$2.49	9.00%
Wholesale Market Service Charge (WMSC)	\$0.0044	339	\$1.49	\$0.0044	339	\$1.49	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	339	\$0.44	\$0.0013	339	\$0.44	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500		\$0.00	\$0.2500		\$0.00	\$0.00	
Debt Retirement Charge (DRC)	\$0.0049	321	\$1.57		321	\$0.00	-\$1.57	
Ontario Electricity Support Program (OESP)							\$0.00	
Non-RPP Retailer Avg. Price	\$0.0954	321	\$30.62	\$0.0954	321	\$30.62	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$61.82			\$62.74	\$0.92	1.49%
HST	13%		\$8.04	13%		\$8.16	\$0.12	1.49%
Total Bill (including HST)			\$69.86			\$70.90	\$1.04	1.49%
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 6.99					
Total Bill on TOU			\$62.87			\$70.90	\$8.03	12.77%

	Consumption	2000 kWh		kW		kW		kW		kW		kW		kW Current Loss Fac		Current Loss Factor	1.0561
RFF TS TOPOSEd LOS	RPP	<b>750</b> kWh	OCEB	Yes		Proposed Loss Factor	1.0561										

	Currer	t Board Ap	proved		Proposed		Impact		
GENERAL SERVICE LESS THAN 50 KW	Rate \$	Volume	Charge \$	Rate \$	Volume	Charge \$	Change \$	Change %	
Monthly Service Charge	\$36.76	1	\$36.76	\$37.24	1	\$37.24	\$0.48	1.31%	
Distribution Volumetric Rate	\$0.0162	2,000	\$32.40	\$0.0164	2,000	\$32.80	\$0.40	1.23%	
Fixed Rate Riders	\$7.48	1	\$7.48	\$7.48	1	\$7.48	\$0.00	0.00%	
Volumetric Rate Adder (1576)		2,000	\$0.00	-\$0.0024	2,000	-\$4.80	-\$4.80		
Volumetric Rate Riders	-\$0.0002	2,000	-\$0.40	\$0.0015	2,000	\$3.00	\$3.40	-850.00%	
Sub-Total A (excluding pass through)			\$76.24			\$75.72	-\$0.52	-0.68%	
Line Losses on Cost of Power	\$0.1021	112	\$11.46	\$0.1021	112	\$11.46	\$0.00	0.00%	
Total Deferral/Variance Account Rate Riders		2,000	\$0.00	-\$0.0015	2,000	-\$3.00	-\$3.00		
Low Voltage Service Charge	\$0.0006	2,000	\$1.20	\$0.0006	2,000	\$1.20	\$0.00	0.00%	
Smart Meter Entity Charge (if applicable)	\$0.7900	1	\$0.79	\$0.7900	1	\$0.79	\$0.00	0.00%	
Sub-Total B - Distribution									
(includes Sub-Total A)			\$89.69			\$86.17	-\$3.52	-3.92%	
RTSR - Network	\$0.0045	2,112	\$9.50	\$0.0046	2,112	\$9.72	\$0.21	2.22%	
Transformation Connection	\$0.0035	2,112	\$7.39	\$0.0039	2,112	\$8.24	\$0.84	11.43%	
Sub-Total C - Delivery									
(including Sub-Total B)			\$106.59			\$104.12	-\$2.46	-2.31%	
Wholesale Market Service Charge (WMSC)	\$0.0044	2,112	\$9.29		2,112	\$9.29	\$0.00	0.00%	
Rural and Remote Rate Protection (RRRP)	\$0.0013	2,112	\$2.75		2,112		\$0.00	0.00%	
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%	
Debt Retirement Charge (DRC)	\$0.0049	2,000	\$9.80		2,000		\$0.00		
TOU - Off Peak	\$0.0800	1,280	\$102.40	\$0.0800	1,280	\$102.40	\$0.00	0.00%	
TOU - Mid Peak	\$0.1220	360	\$43.92	\$0.1220	360	\$43.92	\$0.00	0.00%	
TOU - On Peak	\$0.1610	360	\$57.96	\$0.1610	360	\$57.96	\$0.00	0.00%	
Total Bill on TOU (before Taxes)			\$332.96			\$330.49	-\$2.46	-0.74%	
HST	13%		\$43.28	13%		\$42.96	-\$0.32	-0.74%	
Total Bill (including HST)			\$376.24			\$373.46	-\$2.78	-0.74%	
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 37.62						
Total Bill on TOU			\$338.62			\$373.46	\$34.84	10.29%	

Consumption	73,000 kWh	100	kW	]	Current Loss Factor	1.0561
Non-RPP (Other)	kWh	OCEB	No		Proposed Loss Factor	1.0561

	Curren	t Board Ap	proved		Proposed		Imp	act
GENERAL SERVICE 50 TO 4,999 KW	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change
GENERAL SERVICE 50 TO 4,999 KW	\$		\$	\$		\$	\$	%
Monthly Service Charge	\$334.58	1	\$334.58	\$338.93	1	\$338.93	\$4.35	1.30%
Distribution Volumetric Rate	\$3.5192	100	\$351.92	\$3.5649	100	\$356.49	\$4.57	1.30%
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Adder (1576)		100	\$0.00	-\$0.8974	100	-\$89.74	-\$89.74	
Volumetric Rate Riders	-\$0.0373	100	-\$3.73	\$0.4192	100	\$41.92	\$45.65	-1223.86%
Sub-Total A (excluding pass through)			\$682.77			\$647.60	-\$35.17	-5.15%
Total Deferral/Variance Account Rate Riders		100	\$0.00	\$1.8543	100	\$185.43	\$185.43	
Low Voltage Service Charge	\$0.2230	100	\$22.30	\$0.2230	100	\$22.30	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution								
(includes Sub-Total A)			\$705.07			\$855.33	\$150.26	21.31%
RTSR - Network	\$1.9971	100	\$199.71	\$2.0425	100	\$204.25	\$4.54	2.27%
Transformation Connection	\$1.4091	100	\$140.91	\$1.5620	100	\$156.20	\$15.29	10.85%
Sub-Total C - Delivery								
(including Sub-Total B)			\$1,045.69			\$1,215.78	\$170.09	16.27%
Wholesale Market Service Charge (WMSC)	\$0.0044	77,095	\$339.22	\$0.0044	77,095	\$339.22	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	77,095	\$100.22	\$0.0013	77,095	\$100.22	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	73,000	\$357.70	\$0.0049	73,000	\$357.70	\$0.00	
Average IESO Wholesale Market Price	\$0.0954	77,095	\$7,354.89	\$0.0954	77,095	\$7,354.89	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$9,197.97			\$9,368.06	\$170.09	1.85%
HST	13%		\$1,195.74	13%		\$1,217.85	\$22.11	1.85%
Total Bill (including HST)			\$10,393.71			\$10,585.91	\$192.20	1.85%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -					
Total Bill on TOU			\$10,393.71			\$10,585.91	\$192.20	1.85%

Consumption	<b>100</b> kWh		kW	Current Loss Factor	1.0561
RPP	<b>750</b> kWh	OCEB	Yes	Proposed Loss Factor	1.0561

	Currer	t Board Ap	proved		Proposed		Impact		
UNMETERED SCATTERED LOAD	Rate \$	Volume	Charge \$	Rate \$	Volume	Charge \$	Change \$	Change %	
Monthly Service Charge	\$10.40	1	\$10.40	\$10.54	1	\$10.54	\$0.14	1.35%	
Distribution Volumetric Rate	\$0.0093	100	\$0.93	\$0.0094	100	\$0.94	\$0.01	1.08%	
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00		
Volumetric Rate Adder (1576)		100	\$0.00	-\$0.0024	100	-\$0.24	-\$0.24		
Volumetric Rate Riders	-\$0.0002	100	-\$0.02	-\$0.0001	100	-\$0.01	\$0.01	-50.00%	
Sub-Total A (excluding pass through)			\$11.31			\$11.23	-\$0.08	-0.71%	
Line Losses on Cost of Power	\$0.1021	6	\$0.57	\$0.1021	6	\$0.57	\$0.00	0.00%	
Total Deferral/Variance Account Rate Riders		100	\$0.00	-\$0.0016	100	-\$0.16	-\$0.16		
Low Voltage Service Charge	\$0.0006	100	\$0.06	\$0.0006	100	\$0.06	\$0.00	0.00%	
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00		
Sub-Total B - Distribution									
(includes Sub-Total A)			\$11.94			\$11.70	-\$0.24	-2.01%	
RTSR - Network	\$0.0045	106	\$0.48	\$0.0046	106	\$0.49	\$0.01	2.22%	
Transformation Connection	\$0.0035	106	\$0.37	\$0.0039	106	\$0.41	\$0.04	11.43%	
Sub-Total C - Delivery							• • • •		
(including Sub-Total B)			\$12.79			\$12.60	-\$0.19	-1.46%	
Wholesale Market Service Charge (WMSC)	\$0.0044	106	\$0.46		106	+	\$0.00	0.00%	
Rural and Remote Rate Protection (RRRP)	\$0.0013	106	\$0.14		106	<b>T</b> -	\$0.00	0.00%	
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%	
Debt Retirement Charge (DRC)	\$0.0049	100	\$0.49		100	+	\$0.00		
TOU - Off Peak	\$0.0800	64	\$5.12	\$0.0800	64	\$5.12	\$0.00	0.00%	
TOU - Mid Peak	\$0.1220	18	\$2.20	\$0.1220	18	\$2.20	\$0.00	0.00%	
TOU - On Peak	\$0.1610	18	\$2.90	\$0.1610	18	\$2.90	\$0.00	0.00%	
Total Bill on TOU (before Taxes)			\$24.34			\$24.16	-\$0.19	-0.77%	
HST	13%		\$3.16	13%		\$3.14	-\$0.02	-0.77%	
Total Bill (including HST)			\$27.51			\$27.30	-\$0.21	-0.77%	
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 2.75						
Total Bill on TOU			\$24.76			\$27.30	\$2.54	10.25%	

Consumption	<b>700</b> kWh	1	l kW	Current Loss Factor 1.0567
RPP	<b>750</b> kWh	OCEB	Yes	Proposed Loss Factor 1.0567

	Current Board Approved		Proposed			Impact		
SENTINEL LIGHTING	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change
	\$		\$	\$		\$	\$	%
Monthly Service Charge	\$3.81	1	\$3.81	\$3.86	1	\$3.86	\$0.05	1.31%
Distribution Volumetric Rate	\$9.9683	1	\$9.97	\$10.0979	1	\$10.10	\$0.13	1.30%
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Adder (1576)		1	\$0.00	-\$0.8654	1	-\$0.87	-\$0.87	
Volumetric Rate Riders	-\$0.1392	1	-\$0.14	-\$0.0652	1	-\$0.07	\$0.07	-53.16%
Sub-Total A (excluding pass through)			\$13.64			\$13.03	-\$0.61	-4.49%
Line Losses on Cost of Power	\$0.1021	39	\$4.01	\$0.1021	39	\$4.01	\$0.00	0.00%
Total Deferral/Variance Account Rate Riders		1	\$0.00	-\$0.5625	1	-\$0.56	-\$0.56	
Low Voltage Service Charge	\$0.1698	1	\$0.17	\$0.1698	1	\$0.17	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution								
(includes Sub-Total A)			\$17.82			\$16.65	-\$1.17	-6.59%
RTSR - Network	\$1.4787	1	\$1.48	\$1.5123	1	\$1.51	\$0.03	2.27%
Transformation Connection	\$1.0727	1	\$1.07	\$1.1891	1	\$1.19	\$0.12	10.85%
Sub-Total C - Delivery								
(including Sub-Total B)			\$20.37			\$19.35		-5.03%
Wholesale Market Service Charge (WMSC)	\$0.0044	739	\$3.25	\$0.0044	739	\$3.25		0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	739	\$0.96	\$0.0013	739	\$0.96	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	700	\$3.43	\$0.0049	700	\$3.43	\$0.00	
TOU - Off Peak	\$0.0800	448	\$35.84	\$0.0800	448	\$35.84	\$0.00	0.00%
TOU - Mid Peak	\$0.1220	126	\$15.37	\$0.1220	126	\$15.37	\$0.00	0.00%
TOU - On Peak	\$0.1610	126	\$20.29	\$0.1610	126	\$20.29	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$99.76			\$98.74	-\$1.02	-1.03%
HST	13%		\$12.97	13%		\$12.84	-\$0.13	-1.03%
Total Bill (including HST)			\$112.73			\$111.57	-\$1.16	-1.03%
Ontario Clean Energy Benefit <sup>1</sup>			-\$ 11.27					
Total Bill on TOU			\$101.46			\$111.57	\$10.11	9.97%

Consumption	182,000 kWh	600	kW	Current Loss Factor 1.05	561
Non-RPP (Other)	kWh	OCEB	No	Proposed Loss Factor 1.05	561

	Current Board Approved		Proposed			Impact		
STREET LIGHTING	Rate	Volume	Charge	Rate	Volume	Charge	Change	Change
STREET EIGHTING	\$		\$	\$		\$	\$	%
Monthly Service Charge	\$4.48	1	\$4.48	\$4.54	1	\$4.54	\$0.06	1.34%
Distribution Volumetric Rate	\$14.8974	600	\$8,938.44	\$15.0911	600	\$9,054.66	\$116.22	1.30%
Fixed Rate Riders		1	\$0.00		1	\$0.00	\$0.00	
Volumetric Rate Adder (1576)		600	\$0.00	-\$0.8603	600	-\$516.18	-\$516.18	
Volumetric Rate Riders	-\$0.1875	600	-\$112.50	-\$0.0761	600	-\$45.66	\$66.84	-59.41%
Sub-Total A (excluding pass through)			\$8,830.42			\$8,497.36	-\$333.06	-3.77%
Total Deferral/Variance Account Rate Riders		600	\$0.00	\$1.9200	600	\$1,152.00	\$1,152.00	
Low Voltage Service Charge	\$0.1663	600	\$99.78	\$0.1663	600	\$99.78	\$0.00	0.00%
Smart Meter Entity Charge (if applicable)		1	\$0.00		1	\$0.00	\$0.00	
Sub-Total B - Distribution								
(includes Sub-Total A)			\$8,930.20			\$9,749.14	\$818.94	9.17%
RTSR - Network	\$1.4712	600	\$882.72	\$1.5046	600	\$902.76	\$20.04	2.27%
Transformation Connection	\$1.0506	600	\$630.36	\$1.1646	600	\$698.76	\$68.40	10.85%
Sub-Total C - Delivery								
(including Sub-Total B)			\$10,443.28			\$11,350.66	\$907.38	8.69%
Wholesale Market Service Charge (WMSC)	\$0.0044	192,210	\$845.72	\$0.0044	192,210	\$845.72	\$0.00	0.00%
Rural and Remote Rate Protection (RRRP)	\$0.0013	192,210	\$249.87	\$0.0013	192,210	\$249.87	\$0.00	0.00%
Standard Supply Service Charge	\$0.2500	1	\$0.25	\$0.2500	1	\$0.25	\$0.00	0.00%
Debt Retirement Charge (DRC)	\$0.0049	182,000	\$891.80	\$0.0049	182,000	\$891.80	\$0.00	
Average IESO Wholesale Market Price	\$0.0954	192,210	\$18,336.85	\$0.0954	192,210	\$18,336.85	\$0.00	0.00%
Total Bill on TOU (before Taxes)			\$30,767.78			\$31,675.16	\$907.38	2.95%
HST	13%		\$3,999.81	13%		\$4,117.77	\$117.96	2.95%
Total Bill (including HST)			\$34,767.59			\$35,792.93	\$1,025.34	2.95%
Ontario Clean Energy Benefit <sup>1</sup>			\$-					
Total Bill on TOU			\$34,767.59			\$35,792.93	\$1,025.34	2.95%

# Orillia Power Distribution Corporation

2016 IRM Distribution Rate Application EB-2015-0024 Submitted October 19, 2015

**APPENDIX D – Rate Generator Model** 

## Mario Energy Board

# **Incentive Regulation Model for 2016 Filers**

Version

1.0

Utility Name	Orillia Power Distribution Corpo	ration
Assigned EB Number	EB-2015-0024	
Name of Contact and Title	Pauline Welsh	
Phone Number	(705)326-2495 extension 240	
Email Address	pwelsh@orilliapower.ca	
We are applying for rates effective	May-01-16	
Rate-Setting Method	Price Cap IR	
Please indicate in which Rate Year the Group 1 accounts were last cleared <sup>1</sup>	2014	
Please indicate the last Cost of Service Re-Basing Year	2010	
Notes	colle	
Pale green cells represent input	LEIIS.	

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.

Note:

1. Rate year of application

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

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

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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 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.

Service Charge	\$	14.02
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of		
service-based rate order	\$	2.56
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0167
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

	⊅/KVVN	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

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

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly maximum 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	\$	36.76
Rate Rider for Smart Meter Incremental Revenue Requirement - in effect until the	e effective date of the next cost of	
service-based rate order	\$	7.48
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

Service Charge Distribution Volumetric Rate Low Voltage Service Rate Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016 Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW	334.58 3.5192 0.2230 (0.0373) 1.9971 1.4091
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural or Remote Electricity Rate Protection Charge (RRRP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$	0.0044 0.0013 0.25

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as nameplate rating of the load displacement facility. 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.

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 - APPROVED ON AN INTERIM BASIS

Distribution Volumetric Rate - \$/kW of contracted amount

\$/kW 1.0524

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

Service Charge (per connection)	\$	10.40
Distribution Volumetric Rate	\$/kWh	0.0093
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are 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.

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.

Service Charge (per connection)	\$	3.81
Distribution Volumetric Rate	\$/kW	9.9683
Low Voltage Service Rate	\$/kW	0.1698
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.1392)
Retail Transmission Rate - Network Service Rate	\$/kW	1.4787
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0727
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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.

Service Charge (per connection)	\$	4.48
Distribution Volumetric Rate	\$/kW	14.8974
Low Voltage Service Rate	\$/kW	0.1663
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.1875)
Retail Transmission Rate - Network Service Rate	\$/kW	1.4712
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0506
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

	φ/π	0.0011
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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.

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.

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.

Service Charge	\$	5.40
ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

### SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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.

Customer Administration		
Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect charges for non payment of account - at meter during regular hours	\$	65.00
Disconnect/Reconnect charges for non payment of account - at meter after regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account - at pole during regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account - at pole after regular hours	\$	415.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Other		
Temporary Service - Install & Remove - Overhead - No Transformer	\$	500.00
Temporary Service - Install & Remove - Underground - No Transformer	\$	300.00
Temporary Service - Install & Remove - Overhead - With Transformer	\$	1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

Effective and Implementation Date May 1, 2015 This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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.

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00	
	•		
Monthly Fixed Charge, per retailer	\$	20.00	
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50	
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30	
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)	
Service Transaction Requests (STR)			
Request fee, per request, applied to the requesting party	\$	0.25	
Processing fee, per request, applied to the requesting party	\$	0.50	
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail			
Settlement Code directly to retailers and customers, if not delivered electronically through the			
Electronic Business Transaction (EBT) system, applied to the requesting party			
Up to twice a year	\$	no charge	
More than twice a year, per request (plus incremental delivery costs)	\$	2.00	

## LOSS FACTORS

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

 Total Loss Factor - Secondary Metered Customer < 5,000 kW</td>
 1.0561

 Total Loss Factor - Primary Metered Customer < 5,000 kW</td>
 1.0455

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

						2011
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-11	Transactions Debit / (Credit) during 2011 excluding interest and adjustments <sup>2</sup>	Board-Approved Disposition during 2011	Adjustments during 2011 - other <sup>1</sup>	Closing Principal Balance as of Dec-31-11
Group 1 Accounts						
LV Variance Account	1550	(2,320)	149,663			147,343
Smart Metering Entity Charge Variance	1551					
RSVA - Wholesale Market Service Charge	1580	(1,466,781)	(778,303)			(2,245,084)
RSVA - Retail Transmission Network Charge	1584	91,582	98,886			190,468
RSVA - Retail Transmission Connection Charge	1586	(23,985)	72,745			48,760
RSVA - Power (excluding Global Adjustment)	1588	160,530	(238,224)			(77,694)
RSVA - Global Adjustment	1589	560,888	438,389			999,277
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)					0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)					0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	(536,067)	171,991			(364,076)
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)					0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)					0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)					0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)					0
RSVA - Global Adjustment	1589	560,888	438,389	0	0	999,277
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1,777,042)	(523,242)	0	0	(2,300,283)
Total Group 1 Balance		(1,216,153)	(84,853)	0	0	(1,301,006)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		(1,216,153)	(84,853)	0	0	(1,301,006)

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	Board-Approved Disposition during 2011	Adjustments during 2011 - other <sup>2</sup>	Closing Interest Amounts as of Dec-31-11
Group 1 Accounts						
LV Variance Account	1550	(1,776)	405			(1,371)
Smart Metering Entity Charge Variance	1551					
RSVA - Wholesale Market Service Charge	1580	(3,901)	(25,451)			(29,352)
RSVA - Retail Transmission Network Charge	1584	1,129	,			2,966
RSVA - Retail Transmission Connection Charge	1586	772	( - /			490
RSVA - Power (excluding Global Adjustment)	1588	7,327	6,521			13,848
RSVA - Global Adjustment	1589	4,864	12,234			17,098
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)					0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)					0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	354,252	(3,360)			350,892
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)					0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)					0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)					0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)					0
RSVA - Global Adjustment	1589	4,864	12,234	0	C	17,098
Total Group 1 Balance excluding Account 1589 - Global Adjustment		357,803	(20,330)	0	C	337,473
Total Group 1 Balance		362,667	(8,096)	0	C	354,571
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	1				0
Total including Account 1568		362,667	(8,096)	0	C	354,571

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

						2012
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-12	Transactions Debit / (Credit) during 2012 excluding interest and adjustments <sup>2</sup>	Board-Approved Disposition during 2012	Adjustments during 2012 - other <sup>1</sup>	Closing Principal Balance as of Dec-31-12
Group 1 Accounts						
LV Variance Account	1550	147,343	182,285	(2,320)		331,948
Smart Metering Entity Charge Variance	1551					
RSVA - Wholesale Market Service Charge	1580	(2,245,084)	(734,774)	(1,466,782)		(1,513,075)
RSVA - Retail Transmission Network Charge	1584	190,468	57,756	91,582		156,642
RSVA - Retail Transmission Connection Charge	1586	48,760	68,660	(23,984)		141,404
RSVA - Power (excluding Global Adjustment)	1588	(77,694)	(479,901)	160,531		(718,126)
RSVA - Global Adjustment	1589	999,277	143,346	560,888		581,735
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	(364,076)				(364,076)
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	0	322,186	1,016,096		(693,910)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0
RSVA - Global Adjustment	1589	999,277	143,346	560,888	0	581,735
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,300,283)	(583,788)	(224,877)	0	(2,659,193)
Total Group 1 Balance		(1,301,006)	(440,442)	336,011	0	(2,077,458)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		(1,301,006)	(440,442)	336,011	0	(2,077,458)

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	Board-Approved Disposition during 2012	Adjustments during 2012 - other <sup>2</sup>	Closing Interest Amounts as of Dec-31-12
Group 1 Accounts						
LV Variance Account	1550	(1,371)	3,321	(1,821)		3,771
Smart Metering Entity Charge Variance	1551					
RSVA - Wholesale Market Service Charge	1580	(29,352)	(25,583)	(32,650)		(22,285)
RSVA - Retail Transmission Network Charge	1584	2,966	/ -	2,924		2,174
RSVA - Retail Transmission Connection Charge	1586	490	1,310	302		1,498
RSVA - Power (excluding Global Adjustment)	1588	13,848	(-//	10,473		360
RSVA - Global Adjustment	1589	17,098	10,048	15,858		11,288
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	350,892	(1,404)			349,488
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	0	(7,470)	38,710		(46,180)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0
RSVA - Global Adjustment	1589	17,098	10,048	15,858	0	11,288
Total Group 1 Balance excluding Account 1589 - Global Adjustment		337,473	(30,709)	17,938	0	288,826
Total Group 1 Balance		354,571	(20,661)	33,796	0	300,114
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0
Total including Account 1568		354,571	(20,661)	33,796	0	300,114

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

						2013
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-13	Transactions Debit / (Credit) during 2013 excluding interest and adjustments <sup>2</sup>	Board-Approved Disposition during 2013	Adjustments during 2013 - other <sup>1</sup>	Closing Principal Balance as of Dec-31-13
Group 1 Accounts						
LV Variance Account	1550	331,948	179,938			511,886
Smart Metering Entity Charge Variance	1551	0	7,218			7,218
RSVA - Wholesale Market Service Charge	1580	(1,513,075)	(647,845)			(2,160,921)
RSVA - Retail Transmission Network Charge	1584	156,642	153,718			310,360
RSVA - Retail Transmission Connection Charge	1586	141,404	53,145			194,549
RSVA - Power (excluding Global Adjustment)	1588	(718,126)	68,313			(649,814)
RSVA - Global Adjustment	1589	581,735	460,669			1,042,403
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	(364,076)				(364,076)
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	(693,910)	520,927			(172,983)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0
RSVA - Global Adjustment	1589	581,735	460,669	C	0	1,042,403
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,659,193)	335,412	C	0	(2,323,781)
Total Group 1 Balance		(2,077,458)	796,081	C	0	(1,281,378)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0			61,097	61,097
Total including Account 1568		(2,077,458)	796,081	C	61,097	(1,220,281)

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

		1				
Account Descriptions	Account Number	Opening Interest Amounts as of Jan-1-13	Interest Jan-1 to Dec-31-13	Board-Approved Disposition during 2013	Adjustments during 2013 - other <sup>2</sup>	Closing Interest Amounts as of Dec-31-13
Group 1 Accounts						
LV Variance Account	1550	3,771	6,162			9,933
Smart Metering Entity Charge Variance	1551	0	77			77
RSVA - Wholesale Market Service Charge	1580	(22,285)	(27,356)			(49,641)
RSVA - Retail Transmission Network Charge	1584	2,174	- ,			6,049
RSVA - Retail Transmission Connection Charge	1586	1,498	,			4,194
RSVA - Power (excluding Global Adjustment)	1588	360	( ) /			(6,994)
RSVA - Global Adjustment	1589	11,288	,			25,313
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595_(2009)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	349,488	(1,404)			348,084
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	(46,180)	(6,657)			(52,837)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0
RSVA - Global Adjustment	1589	11,288	14,025	0	C	) 25,313
Total Group 1 Balance excluding Account 1589 - Global Adjustment		288,826	(29,961)	0	C	258,865
Total Group 1 Balance		300,114	(15,936)	0	C	) 284,178
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	146			146
Total including Account 1568		300,114	(15,790)	0	C	) 284,324

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

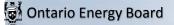
						2014
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-14	Transactions Debit / (Credit) during 2014 excluding interest and adjustments <sup>2</sup>	Board-Approved Disposition during 2014	Adjustments during 2014 - other <sup>1</sup>	Closing Principal Balance as of Dec-31-14
Group 1 Accounts						
LV Variance Account	1550	511,886	208,910	331,948		388,848
Smart Metering Entity Charge Variance	1551	7,218	(3,514)			3,703
RSVA - Wholesale Market Service Charge	1580	(2,160,921)	(424,517)	(1,513,076)		(1,072,362)
RSVA - Retail Transmission Network Charge	1584	310,360	(101,088)	156,642		52,630
RSVA - Retail Transmission Connection Charge	1586	194,549	(107,041)	141,404		(53,897)
RSVA - Power (excluding Global Adjustment)	1588	(649,814)	208,313	(718,125)		276,625
RSVA - Global Adjustment	1589	1,042,403	448,393	581,735		909,061
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	(364,076)		(364,076)		0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	(172,983)	206,377			33,394
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0	667,933	1,383,548		(715,615)
RSVA - Global Adjustment	1589	1,042,403	448,393	581,735	0	909,061
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(2,323,781)	655,372	(581,735)	0	(1,086,674)
Total Group 1 Balance		(1,281,378)	1,103,765	(0)	0	(177,613)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	61,097			227,068	288,165
Total including Account 1568		(1,220,281)	1,103,765	(0)	227,068	110,552

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

Account Descriptions	Account Number	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	Board-Approved Disposition during 2014	Adjustments during 2014 - other <sup>2</sup>	Closing Interest Amounts as of Dec-31-14
Group 1 Accounts						
LV Variance Account	1550	9,933	5,621	5,398		10,156
Smart Metering Entity Charge Variance	1551	77	90	,		167
RSVA - Wholesale Market Service Charge	1580	(49,641)	(17,373)	(29,699)		(37,315)
RSVA - Retail Transmission Network Charge	1584	6,049	2,054	2,942		5,161
RSVA - Retail Transmission Connection Charge	1586	4,194	401	2,191		2,404
RSVA - Power (excluding Global Adjustment)	1588	(6,994)	(1,051)	(3,159)		(4,886)
RSVA - Global Adjustment	1589	25,313	11,807	14,139		22,982
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	348,084	(380)	347,704		0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	(52,837)	(100)			(52,937)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>						
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0	(9,137)	(339,515)		330,378
RSVA - Global Adjustment	1589	25,313	11,807	14,139	0	22,982
Total Group 1 Balance excluding Account 1589 - Global Adjustment		258,865	(19,875)	(14,138)	0	253,128
Total Group 1 Balance		284,178	(8,068)	0	0	276,110
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	146	3,853		3,196	7,195
Total including Account 1568		284,324	(4,215)	0	3,196	283,305



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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

			2	2015	
Account Descriptions	Account Number	Principal Disposition during 2015 - instructed by Board	Interest Disposition during 2015 - instructed by Board	Closing Principal Balances as of Dec 31, 2014 Adjusted for Dispositions during 2015	Closing Interest Balances as of Dec 31, 2014 Adjusted for Dispositions during 2015
Group 1 Accounts					
LV Variance Account	1550	1		388,848	10,156
Smart Metering Entity Charge Variance	1551			3,703	167
RSVA - Wholesale Market Service Charge	1580			(1,072,362)	(37,315)
RSVA - Retail Transmission Network Charge	1584			52,630	5,161
RSVA - Retail Transmission Connection Charge	1586			(53,897)	2,404
RSVA - Power (excluding Global Adjustment)	1588			276,625	× / /
RSVA - Global Adjustment	1589			909,061	22,982
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)			0	0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)			0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)			0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)			0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)			33,394	(52,937)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)			0	1
Disposition and Recovery/Refund of Regulatory Balances (2014)4					-
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)			(715,615)	330,378
RSVA - Global Adjustment	1589	0	0	909,061	22,982
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	,	,
Total Group 1 Balance		0	0	(177,613)	276,110
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	0	288,165	7,195
Total including Account 1568		0	0	110,552	283,305

## **Incentive Regulation Model for 2016 Filers**

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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

		Projected	Interest on Dec-3	1-14 Balances	6
Account Descriptions	Account Number	Projected Interest from Jan 1, 2015 to December 31, 2015 on Dec 31, 2014 balance adjusted for disposition during 2015 <sup>3</sup>	Projected Interest from January 1, 2016 to April 30, 2016 on Dec 31, 2014 balance adjusted for disposition during 2014 <sup>3</sup>	Total Claim	
Group 1 Accounts					
LV Variance Account	1550	4,637	1,426		405,067
Smart Metering Entity Charge Variance	1551	44	14		3,928
RSVA - Wholesale Market Service Charge	1580	(12,788)			(1,126,397
RSVA - Retail Transmission Network Charge	1584	628			58,613
RSVA - Retail Transmission Connection Charge	1586	(643)			(52,334
RSVA - Power (excluding Global Adjustment)	1588	3,299	7-		276,051
RSVA - Global Adjustment	1589	10,841	3,333		946,217
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)				(
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)				(
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)				(
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)			Check to Dispose of Account	(
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	398	122	Check to Dispose of Account	(19,023
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)			Check to Dispose of Account	(
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>				Check to Dispose of Account	
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)				(
RSVA - Global Adjustment	1589	10,841	3,333		946,217
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(4,425)	(1,361)		(454,095
Total Group 1 Balance		6,416	1,972		492,122
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	3,436	1,057	1	299,853
Total including Account 1568		9,852	3,029		791,97



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

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your G/L for which you received approval. For example, if in the 2015 EDR process (CoS or IRM) you received approval for the December 31, 2013 balances, the starting point for your entries below should be the 2012 year. This will allow for the correct starting point for the 2013 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.		**Auto-populated by Rate Generator**	
Account Descriptions	Account Number	As of Dec 31, 2014 (RRR - 2.1.7) April 30, 2015	Variance RRR vs. 2014 Balance <i>(Principal + Interest)</i>
Group 1 Accounts			
LV Variance Account	1550	399,004	(0)
Smart Metering Entity Charge Variance	1551	3,870	(0)
RSVA - Wholesale Market Service Charge	1580	(1,109,677)	(0)
RSVA - Retail Transmission Network Charge	1584	57,792	0
RSVA - Retail Transmission Connection Charge	1586	(51,493)	
RSVA - Power (excluding Global Adjustment)	1588	271,738	× 7
RSVA - Global Adjustment	1589	932,043	0
Disposition and Recovery/Refund of Regulatory Balances (2008) <sup>4</sup>	1595_(2008)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009) <sup>4</sup>	1595_(2009)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) <sup>4</sup>	1595_(2010)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) <sup>4</sup>	1595_(2011)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>4</sup>	1595_(2012)	(19,543)	(0)
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>4</sup>	1595_(2013)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>4</sup>			
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	(385,237)	0
RSVA - Global Adjustment	1589	932,043	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(833,546)	(0)
Total Group 1 Balance		98,497	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	122,373	(172,987)
Total including Account 1568		220,870	(172,987)

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

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

If you have identified any issues, please contact the Board by clicking **HERE.** 

			** Auto Popu	lated by Rate Ge	nerator from mos	recent RRR Filing	**			** ,	Applicant to Enter	**		
Rate Class	Unit	Total Metered <mark>kWh</mark>	Total Metered kW	Billed kWh for Non-RPP Customers	Estimated kW for Non-RPP Customers	Billed <mark>kWh</mark> for Wholesale Market Participants (WMP)	Billed <mark>kW</mark> for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption <i>(if applicable)</i>	Total Metered kW less WMP consumption ( <i>if applicable</i> )	GA Allocator for Class A, Non-WMP Customers (if applicable) <sup>4</sup>	Billed kWh for Class A, Non-WMP Customers (if applicable)	Billed kW for Class A, Non-WMP Customers (if applicable)	Billed kWh for Non- RPP Customers LESS Class A Consumption	Billed kW for Non- RPP Customers LESS Class A Demand
RESIDENTIAL SERVICE CLASSIFICATION	kWh	107,122,733	0	7,501,613	(	) 0	0	107,122,733	0	0%	0	0	7,501,613	0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,695,188	0	7,779,617	(	) 0	0	45,695,188	0	0%	0	0	7,779,617	0
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	151,567,085	405,950	133,189,420	348,750	3,505,939	6,139	148,061,146	399,811	0%	9,448,424	31,010	123,740,996	317,740
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	(	) 0	0	0	0	0%	0	0	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	806,994	0	51,624	(	0 0	0	806,994	0	0%	0	0	51,624	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	288,763	802	18,980	53	3 0	0	288,763	802	0%	0	0	18,980	53
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,625,050	7,334	2,625,050	7,334	t 0	0	2,625,050	7,334	0%	0	0	2,625,050	7,334
	Total	308,105,813	414,086	151,166,304	356,13	3,505,939	6,139	304,599,874	407,947	0%	9,448,424	31,010	141,717,880	325,127
Threshold Test														
Total Claim (including Account 1568)		\$492,123												
Total Claim for Threshold Test (All Group 1 Accounts)		\$492,123												

Total Claim for Threshold Test (All Group 1 Accounts) Threshold Test (Total claim per kWh)<sup>2</sup>

Account 1589 Memo Calculation

\$0.0067 Balance in Account 1589 divided by Non-RPP kWh less Class A kWh (column N)

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

\$0.0016

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

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

<sup>4</sup> Enter the percentage of the balance in account 1589 allocated to Class A customers. Distributors typically settle GA costs with Class A customers on the basis of actual (i.e. non-estimated) costs. If this is the case, no amount of the balance in 1589 should be allocated to a distributor's Class A customers.

# **Incentive Regulation Mc**

					** Applica	ant to Enter **				** Auto Populated** (Q1-2015)	ation of 1589		
Rate Class	Unit	1595 Recovery Share Proportion (2008) <sup>1</sup>	1595 Recovery Share Proportion (2009) <sup>1</sup>	1595 Recovery Share Proportion (2010) <sup>1</sup>	1595 Recovery Share Proportion (2011) <sup>1</sup>	1595 Recovery Share Proportion (2012) <sup>1</sup>	1595 Recovery Share Proportion (2013) <sup>1</sup>	1595 Recovery Share Proportion (2014) <sup>1</sup>	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes <sup>3</sup>	Non-RPP kWh Less WMP kWh Less Class A	Non-RPP kW Less WMP kW Less Class A	% of Total kWh
RESIDENTIAL SERVICE CLASSIFICATION	kWh					51%			\$49,947.29	11,833	7,501,613	0	5.4%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh					21%			\$73,408.76	1,356	7,779,617	0	5.6%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW					28%			\$176,497.02		120,235,057	311,601	87.0%
STANDBY POWER SERVICE CLASSIFICATION	kW					0%			\$0.00		0	0	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh					0%			\$0.00		51,624	0	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	0%	0%	0%	0%	0%	0%	0%	\$0.00		18,980	53	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW					0%			\$0.00		2,625,050	7,334	1.9%
	Total	0%	0%	0%	0%	100%	0%	0%	\$299,853.07	13,189	138,211,941	318,988	

### Threshold Test

Total Claim (including Account 1568) Total Claim for Threshold Test (All Group 1 Accounts) Threshold Test (Total claim per kWh) <sup>2</sup>

#### Account 1589 Memo Calculation

 $^{-1}$  Residual Account balance to be allocated to rate classes in proportion to the recovery sha

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

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

<sup>4</sup> Enter the percentage of the balance in account 1589 allocated to Class A customers. Distr

1568 Account Balance from Continuity Schedule \$299,853.07 Total Balance of Account 1568 in Column W matches the amount entered

on the Continuity Schedule

# **Incentive Regulation Model for 2016 Filers**

No input required. This workshseet allocates the deferral/variance account balances (Group 1, 1589, and 1568) to the appropriate classes as per the EDDVAR Report dated July 31, 2009

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

		% of Total non-	% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP		
Rate Class	% of Total kWh	RPP kWh	Numbers **	WMP	1550	1551	1580	1584	1586
RESIDENTIAL SERVICE CLASSIFICATION	34.8%	5.0%	89.7%	35.2%	140,834	3,524	(396,135)	20,379	(18,196)
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	14.8%	5.1%	10.3%	15.0%	60,076	404	(168,979)	8,693	(7,762)
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	49.2%	88.1%	0.0%	48.6%	199,266	0	(547,524)	28,833	(25,745)
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0.0%	0	0	0	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.3%	0.0%	0.0%	0.3%	1,061	0	(2,984)	154	(137)
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.1%	0.0%	0.0%	0.1%	380	0	(1,068)	55	(49)
STREET LIGHTING SERVICE CLASSIFICATION	0.9%	1.7%	0.0%	0.9%	3,451	0	(9,707)	499	(446)
Total	100.0%	100.0%	100.0%	100.0%	405,067	3,928	(1,126,397)	58,613	(52,334)

\* RSVA - Power (Excluding Global Adjustment)

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



## allocated based a



No input required. This workshseet allocates the deferral/variance acc

## Allocation of Group 1 Accounts (including Account

	allocated based on Total less WMP									
Rate Class	1588	1589	1595_(2008)	1595_(2009)	1595_(2010)	1595_(2011)	1595_(2012)	1595_(2013)	1595_(2014)	1568
RESIDENTIAL SERVICE CLASSIFICATION	97,083	51,357	0	0	0	0	(9,648)	0	0	49,947
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	41,412	53,260	0	0	0	0	(3,962)	0	0	73,409
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	134,184	823,145	0	0	0	0	(5,239)	0	0	176,497
STANDBY POWER SERVICE CLASSIFICATION	0	0	0	0	0	0	0	0	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	731	353	0	0	0	0	(78)	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	262	130	0	0	0	0	(30)	0	0	0
STREET LIGHTING SERVICE CLASSIFICATION	2,379	17,971	0	0	0	0	(67)	0	0	0
Total	276,051	946,217	0	0	0	0	(19,025)	0	0	299,853

\* RSVA - Power (Excluding Global Adjustment)

\*\* Used to allocate Account 1551 as this account records the variances arisir

# **Incentive Regulation Model for 2016 Filers**

Input required at cell C15 only. This workshseet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable), associated rate riders for the global adjustment account (1589) and Account 1568. Rate Rider generated for the microF1T class.

Rate Rider Recovery to be used below

12

12

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

Allocation of Group 1 Deferral/Variance Account Balances to Non- Deferral/Variance Account Rate Rider for Total Metered Total Metered Allocation of Group 1 **Total Metered** Metered kW kWh less WMP kW less WMP Account Balances to All WMP Classes Only (If Account Rate Non-WMP Rate Class Unit kWh or kVA consumption consumption Classes Applicable) Rider (if applicable) **RESIDENTIAL SERVICE CLASSIFICATION** kWh 107,122,733 0 107,122,733 0 136,893 (299,052) 0.0013 (0.0028) GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION kWh 45,695,188 0 45,695,188 0 57,448 (127, 566)0.0013 (0.0028) GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION kW 151,567,085 405,950 148,061,146 399,811 197,115 (413, 339)0.4856 (1.0338)STANDBY POWER SERVICE CLASSIFICATION kW 0 0 0 0 0 0.0000 0.0000 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION kWh 806,994 0 806,994 0 999 (2,253) 0.0012 (0.0028)SENTINEL LIGHTING SERVICE CLASSIFICATION kW 288.763 802 288.763 802 355 (806) 0.4427 (1.0052)STREET LIGHTING SERVICE CLASSIFICATION kW 2,625,050 7,334 2,625,050 7,334 3,438 (7,328) 0.4688 (0.9992)



Input required at cell C15 only. This worksheet calculates rate riders res will not be generated for the microF1T class.

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

Rate Class	Unit	Allocation of Balance in Account 1589	Allocation of Balance in Account 1589 to Class A Customers (if applicable)	Allocation of Balance in Account 1589 to Non-Class A Customers	Metered kWh or kW for Non-RPP Customers (less WMP if applicable)		Global Adjustment Rate Rider	Class A Rate Rider (if applicable)	Account 1568 Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	51,357	0	51,357	7,501,613	0	0.0068	0.0000	0.0005
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	53,260	0	53,260	7,779,617	0	0.0068	0.0000	0.0016
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	823,145	0	823,145	342,611	31,010	2.4026	0.0000	0.4348
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0	0.0000	0.0000	0.0000
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	353	0	353	51,624	0	0.0068	0.0000	0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	130	0	130	53	0	2.4517	0.0000	0.0000
STREET LIGHTING SERVICE CLASSIFICATION	kW	17,971	0	17,971	7,334	0	2.4504	0.0000	0.0000

# **Incentive Regulation Model for 2016 Filers**

### Summary - Sharing of Tax Change Forecast Amounts

For the 2010 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2010		2016
Taxable Capital (if you are not claiming capital tax, please enter your Board- Approved Rate Base)	\$ 20,805,750	\$	20,805,750
Deduction from taxable capital up to \$15,000,000	\$ 12,452,000	\$	12,452,000
Net Taxable Capital	\$ 8,353,750	\$	8,353,750
Rate	0.15%		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ 6,214	\$	-
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	\$ 846,747	\$	846,747
Corporate Tax Rate	28.85%		26.500%
Tax Impact	\$ 244,329	\$	224,388
Grossed-up Tax Amount	\$ 343,400	\$	305,290
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ 6,214	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 343,400	\$	305,290
Total Tax Related Amounts	\$ 349,614	\$	305,290
Incremental Tax Savings		-\$	44,324
Sharing of Tax Amount (50%)		-\$	22,162

# **Incentive Regulation Model for 2016 Filers**

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

Rate Class		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Re-baed Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW
		Α	В	С	D	E	F
RESIDENTIAL SERVICE CLASSIFICATION	kWh	11,409	109,779,129		13.47	0.0162	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	1,355	48,719,948		35.32	0.0157	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	157	153,792,811	404,655	338.04		3.5554
STANDBY POWER SERVICE CLASSIFICATION	kW						
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	151	822,688		9.99	0.0090	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	195	324,773	896	3.66		9.5758
STREET LIGHTING SERVICE CLASSIFICATION	kW	3,556	2,560,651	7,098	2.76		9.1863
Total		16,823	316,000,000	412,649			

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	107,122,733		-11,054	-0.08	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	45,695,188		-4,086	-0.0001	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	151,567,085	405,950	-6,333	-0.0156	kW
STANDBY POWER SERVICE CLASSIFICATION	kW			0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	806,994		-78	-0.0001	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	288,763	802	-52	-0.0652	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,625,050	7,334	-558	-0.0761	kW
Total		308,105,813	414,086	-\$22,162		

# **Incentive Regulation M**

Calculation of Rebased Revenue Requirement and Allocation of Tax {through H. As per the Chapter 3 Filing Guidelines, shared tax rate riders are base

Rate Class		Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue kWh L = H / J	Distribution Volumetric Rate % Revenue kW M = I / J	Total % Revenue N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh	1,844,151	1,778,422	0	3,622,573	50.9%	49.1%	0.0%	49.9%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	574,303	764,903	0	1,339,206	42.9%	57.1%	0.0%	18.4%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	636,867	0	1,438,710	2,075,578	30.7%	0.0%	69.3%	28.6%
STANDBY POWER SERVICE CLASSIFICATION	kW	0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	18,102	7,404	0	25,506	71.0%	29.0%	0.0%	0.4%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	8,564	0	8,580	17,144	50.0%	0.0%	50.0%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	117,775	0	65,204	182,979	64.4%	0.0%	35.6%	2.5%
Total		3,199,762	2,550,729	1,512,495	7,262,986				100.0%

#### Rate Class

RESIDENTIAL SERVICE CLASSIFICATION	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW
STANDBY POWER SERVICE CLASSIFICATION	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW

Total

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054	107,122,733	0	1.0561	113,132,318
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038	107,122,733	0	1.0561	113,132,318
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045	45,695,188	0	1.0561	48,258,688
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035	45,695,188	0	1.0561	48,258,688
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9971	151,567,085	405,950		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4091	151,567,085	405,950		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045	806,994	0	1.0561	852,266
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035	806,994	0	1.0561	852,266
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4787	288,763	802		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0727	288,763	802		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4712	2,625,050	7,334		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0506	2,625,050	7,334		

# Incentive Regulation Model for 2016 Filers

Uniform Transmission Rates	Unit	Jai	Effective nuary 1, 2014		fective ry 1, 2015		ective ry 1, 2016
Rate Description			Rate	I	Rate	I	Rate
Network Service Rate	kW	\$	3.82	\$	3.78	\$	3.78
Line Connection Service Rate	kW	\$	0.82	\$	0.86	\$	0.86
Transformation Connection Service Rate	kW	\$	1.98	\$	2.00	\$	2.00
Hydro One Sub-Transmission Rates	Unit		Effective uary 1, 2014 to pril 30, 2015		fective 1, 2015		ective ry 1, 2016
Rate Description			Rate	I	Rate		Rate
Network Service Rate	kW	\$	3.23	\$	3.4121	\$	3.4121
Line Connection Service Rate	kW	\$	0.65	\$	0.7879	\$	0.7879
Transformation Connection Service Rate	kW	\$	1.62	\$	1.8018	\$	1.8018
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$	2.5897	\$	2.5897
If needed, add extra host here. (I)	Unit	st	Effective anuary 1, 2014		fective ary 1, 2015		ective ry 1, 2016
Rate Description			Rate	I	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	st	Effective anuary 1, 2014		fective ary 1, 2015		ective ry 1, 2016
Rate Description			Rate	I	Rate		Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$		\$		\$	-
Hydro One Sub-Transmission Rate Rider 9A	Unit		Effective		fective		ective
Rate Description		Ja	anuary 1, 2014 Rate		ary 1, 2015 Rate		ry 1, 2016 Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$	0.1465	\$	-	\$	-
RSVA Transmission connection – 4716 – which affects 1586	kW	\$	0.0667	\$	-	\$	
RSVA LV – 4750 – which affects 1550	kW	\$	0.0475	\$	-	\$	
RARA 1 – 2252 – which affects 1590	kW	\$	0.0419	\$	-	\$	-
RARA 1 – 2252 – which affects 1590 (2008)	kW	-\$	0.0270	\$	-	\$	-
RARA 1 – 2252 – which affects 1590 (2009)	kW	-\$	0.0006	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 9A	kW	\$	0.2750	\$	-	\$	-
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	Hi	storical 2014	Curr	ent 2015	Fored	ast 2016

## **Incentive Regulation Model for 2016 Filers**

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet 9. 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 Month	Units Billed	Network Rate	Amount	Lin Units Billed	e Connect Rate	Amount	Transfor Units Billed	mation Coi Rate	nnection Amount	Total Line 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		\$-
Öctober		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$-
December		\$0.00			\$0.00			\$0.00		\$-
December		\$0.00			φ0.00			φ0.00		φ -
Total	- \$	-	\$ -		\$ -	\$ -		\$ -	\$ -	\$-
Hydro One		Network		Lin	e Connect	ion	Transfor	mation Cor	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	46,925	\$3.23	\$ 151,568	47,974	\$0.65	\$ 31,183	47,974	\$1.62	\$ 77,717	\$ 108,90
February	40,525	\$3.23	\$ 153,233	48,293	\$0.65	\$ 31,391	48,293	\$1.62	\$ 78,235	\$ 109,62
March	42,553	\$3.23	\$ 137,445	44,306	\$0.65	\$ 28,799	44,306	\$1.62	\$ 71,776	\$ 100,5
April	33,808	\$3.23	\$ 109,201	34,890	\$0.65	\$ 22,679	34,890	\$1.62	\$ 56,522	\$ 79,20
May	36,123	\$3.23	\$ 116,677	36,123	\$0.65	\$ 23,480	36,123	\$1.62	\$ 58,519	\$ 81,9
June	40,158	\$3.23	\$ 129,711	40,158	\$0.65	\$ 26,103	40,158	\$1.62	\$ 65,056	\$ 91,15
July	41,751	\$3.23	\$ 134,855	41,751	\$0.65	\$ 27,138	41,751	\$1.62	\$ 67,636	\$ 94,77
August	41,329	\$3.23	\$ 133,491	42,032	\$0.65	\$ 27,321	42,032	\$1.62	\$ 68,092	\$ 95,41
September	33,708	\$3.23	\$ 108,876	35,566	\$0.65	\$ 23,118	35,566	\$1.62	\$ 57,618	\$ 80,73
October	34,148	\$3.23	\$ 110,297	35,096	\$0.65	\$ 22,812	35,096	\$1.62	\$ 56,855	\$ 79,66
November December	50,227 47,768	\$3.23 \$3.23	\$ 162,233 \$ 154,290	51,187 48,721	\$0.65 \$0.65	\$ 33,271 \$ 31,669	51,187 48,721	\$1.62 \$1.62	\$ 82,923 \$ 78,928	\$ 116,19 \$ 110,59
Total	495,937 \$			506,097	\$ 0.65	\$ 328,963	506,097	\$ 1.62	\$ 819,877	\$ 1,148,84
Add Extra Host Here (I)		Network	+ .,		e Connect			mation Cor	· · · ·	Total Line
(if needed) Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	onito pintu		iniouni	enno bineu		Thirdung	enno bincu		inioun	
February		\$0.00 \$0.00			\$0.00 \$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 Total	- \$	\$0.00	¢		\$0.00	\$ -		\$0.00	\$ -	\$ - <u></u>
	- \$	Network	\$ -	-	\$ -	Ŷ		\$ -	Ŷ	Ŷ
Add Extra Host Here (II) (if needed)		Network			e Connect		Units Billed			Total Line
Month	Unite Billed	Data	Amount					Rate	Amount	Amount
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	onits billed			
January	Units Billed	\$0.00	Amount	Units Billed	\$0.00	Amount	Chit's blicu	\$0.00		\$ -
January February	Units Billed	\$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00	Amount		\$0.00		\$-
January	Units Billed	\$0.00	Amount	Units Billed	\$0.00	Amount				
January February March	Units Billed	\$0.00 \$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00		\$ - \$ -
January February March April	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00		\$ - \$ - \$ -
January February March April May	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00		\$- \$- \$- \$-
January February March April May June	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ - \$ - \$ - \$ - \$ -
January February March April May June July	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$- \$- \$- \$- \$- \$- \$- \$- \$- \$-
January February April May June June July August September	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$- \$- \$\$- \$\$- \$\$- \$\$- \$\$- \$\$-
January February March April May June July August	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$- \$- \$- \$- \$- \$- \$- \$- \$- \$-
January February March April May June July August September October	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February April May June July August September	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$- \$- \$\$- \$\$- \$\$- \$\$- \$\$- \$\$-
January February March April May June July August September October November	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount	Units Billed	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount \$		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
January February March April May June July August September October November December		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
January February March April May June July August September October November December <b>Total</b>		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December December Total	- \$ Units Billed 46,925	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ - Amount \$ 151,568	Lin Units Billed 47,974	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ \$	Transfor Units Billed 47,974	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount \$ 77,717	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December December Total Total Month	- \$ Units Billed	\$0.00 \$0 \$0.00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$ -	- Lin Units Billed	\$0.00 \$0.00	\$ - on Amount	Transfor Units Billed	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.00000 \$0.0000 \$0.00000 \$0.00000 \$0.000000 \$0.00000000	nnection Amount	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December Total Total Month January February	- \$ Units Billed 46,925 47,440	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000 \$0.00000 \$0.0000 \$0.00000 \$0.00000 \$0.00000000	\$ - Amount \$ 151,568 \$ 153,233	Lin Units Billed 47,974 48,293	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000\$000 \$0.000\$000\$	\$ - on \$ 31,183 \$ 31,291		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.60 \$ <b>Rate</b> \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December December Total Total Month January February March	- \$ Units Billed 46,925 47,440 42,553	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.00000000	\$ - Amount \$ 151,568 \$ 153,233 \$ 137,245	Lin Units Billed 47,974 48,293 44,306	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$2.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000 \$0.0000\$000\$	Amount \$ 77,717 \$ 78,235 \$ 71,776	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December <b>Total</b> <b>Total</b> January February March April	- \$ Units Billed 46,925 47,440 42,553 33,808	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.0	\$ - Amount \$ 151,568 \$ 153,233 \$ 137,445 \$ 109,201		\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000 \$0.0000\$000\$	\$ - on \$ 31,183 \$ 31,391 \$ 28,799 \$ 22,679		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.60 <b>Rate</b> \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December Total Total Total January February March April May	- \$ Units Billed 46,925 47,400 42,553 33,008 36,123	\$0.00 \$0.000 \$0.00 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.00000 \$0.00000 \$0.000000 \$0.00000 \$0.00000000	\$ - <b>Amount</b> \$ 151,568 \$ 152,233 \$ 137,445 \$ 109,201 \$ 116,677	Lin Units Billed 47,974 48,293 44,306 34,890 36,123	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47,974 48,293 44,306 34,890 36,123	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.60 <b>Rate</b> \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519	\$
January February March April May June July August September October November December Total Total Month January February March April May June	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.0	\$ - Amount \$ 151,568 \$ 153,233 \$ 137,445 \$ 109,201 \$ 116,677 \$ 129,711 \$	Lin Units Billed 47,974 48,293 44,306 34,890 36,123 40,158	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47,974 48,293 44,306 34,890 36,123 40,158	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519 \$ 65,056	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December Total Total Total Month January February March April May	- \$ Units Billed 46,925 47,400 42,553 33,008 36,123	\$0.00 \$0.000 \$0.00 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.00000 \$0.00000 \$0.000000 \$0.00000 \$0.00000000	\$ - <b>Amount</b> \$ 151,568 \$ 152,233 \$ 137,445 \$ 109,201 \$ 116,677	Lin Units Billed 47,974 48,293 44,306 34,890 36,123	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47,974 48,293 44,306 34,890 36,123	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.60 <b>Rate</b> \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519	\$
January February March April May June July August September October November December Total Total Total Month January February March April May June July	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158 41,751	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.00000000	\$ - <b>Amount</b> \$ 151,568 \$ 153,233 \$ 137,445 \$ 109,201 \$ 116,677 \$ 129,711 \$ 129,711 \$ 129,711	- Lin Units Billed 47,974 48,293 44,306 34,4890 36,123 40,158 41,751	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$ - on \$ 31,183 \$ 31,391 \$ 22,679 \$ 22,480 \$ 22,138	Transfor Units Billed 47.974 48.293 44.306 34.890 36.123 40.158 41.751	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519 \$ 65,056 \$ 67,636	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
January February March April May June July August September October November December December Total Total Month January February March April May June June June June Juny	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158 41,751 41,329	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20 \$0.00 \$0.23	\$	Lin Units Billed 47,974 48,293 44,306 34,890 36,123 40,158 41,751 42,032	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47,974 48,293 34,306 34,890 36,123 40,158 41,751 42,032	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519 \$ 65,056 \$ 67,636 \$ 67,636 \$ 68,092	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
January February March April May June July August September October November December Total Total Month January February March April May June June June June June June June	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158 41,751 41,329 33,708	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.00000000	\$	Lin Units Billed 47,974 48,293 44,306 34,490 36,123 40,158 41,751 42,032 35,566	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47,974 48,293 44,306 34,890 36,123 40,158 41,751 42,032 35,566	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519 \$ 65,056 \$ 67,636 \$ 68,092 \$ 57,618	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June June July August September October November December December Total Total Month January February March April May June July August September October	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158 41,751 41,329 33,708 33,708 33,148	\$0.00 \$0.23 \$0.23	<ul> <li>\$ -</li> <li>Amount</li> <li>\$ 151,568</li> <li>\$ 153,233</li> <li>\$ 137,445</li> <li>\$ 109,201</li> <li>\$ 116,677</li> <li>\$ 129,711</li> <li>\$ 134,455</li> <li>\$ 133,491</li> <li>\$ 108,876</li> <li>\$ 100,297</li> </ul>	Lin Units Billed 47.974 48.293 44.306 34.890 36.123 40.158 41.751 42.032 35.566 35.096	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47.974 48.293 44.306 34.890 36.123 40.158 41.751 42.032 35.566 35.096	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519 \$ 65,056 \$ 67,636 \$ 67,636 \$ 68,092 \$ 58,618 \$ 57,618 \$ 56,855	\$
January February March April May June July August September October November December Total Total Month January February March April May June July August September October November	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158 41,751 41,329 33,708 34,148 50,227	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.0	\$	Lin Units Billed 47,974 48,293 44,306 34,890 36,123 40,158 41,751 42,032 35,696 35,096 51,187	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47,974 48,293 34,4306 34,890 36,123 40,158 41,751 42,032 35,566 35,096 51,187	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62 \$1.62	Amount \$ 77,717 \$ 78,235 \$ 71,776 \$ 56,522 \$ 58,519 \$ 65,056 \$ 67,636 \$ 67,636 \$ 68,092 \$ 57,618 \$ 56,855 \$ 82,923	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
January February March April May June July August September October November December December Total Total Month January February March April May June July August September October	- \$ Units Billed 46,925 47,440 42,553 33,808 36,123 40,158 41,751 41,329 33,708 33,708 33,148	\$0.00 \$0.23 \$0.23	\$         -           \$         151,568           \$         153,233           \$         137,445           \$         109,201           \$         116,677           \$         129,711           \$         134,855           \$         133,491           \$         108,876           \$         100,297           \$         162,233           \$         154,290	Lin Units Billed 47,974 48,293 44,306 34,980 36,123 40,158 41,751 42,032 35,566 35,096 51,187 48,721	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$	Transfor Units Billed 47.974 48.293 44.306 34.890 36.123 40.158 41.751 42.032 35.566 35.096	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$1.62	Amount           \$ 77,717           \$ 78,235           \$ 71,776           \$ 58,519           \$ 65,026           \$ 67,636           \$ 67,636           \$ 56,522           \$ 58,519           \$ 68,092           \$ 57,618           \$ 56,855           \$ 82,923           \$ 78,928	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

Total including deduction for Transformer Allowance Credit \$ 1,148,840

The purpose of this sheet is to calculate the expected billing when current 2015 Uniform Transmission Rates are applied against historical 2014 transmission units.

ransmission units.					•		<b>T</b> (			
IESO		Network		LI	ne Connectio	on	Transfo	rmation Con	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.7800	\$ -	-	\$ 0.8600	\$ -	-	\$ 2.0000	\$ -	\$ -
February		\$ 3.7800	\$ -	-		\$ -	-		\$ -	\$ -
March		\$ 3.7800	\$-	-	\$ 0.8600	\$-	-	\$ 2.0000	\$ -	\$-
April	-	\$ 3.7800	\$-	-	\$ 0.8600	\$ -	-	\$ 2.0000	\$ -	\$-
May	-	\$ 3.7800	\$-	-	\$ 0.8600	\$ -	-	\$ 2.0000	\$ -	\$-
June		\$ 3.7800	\$-	-		\$ -	-	\$ 2.0000	\$ -	\$-
July		\$ 3.7800	\$-	-		\$ -	-	\$ 2.0000	\$ -	\$-
August		\$ 3.7800	\$ -	-		ş -	-	\$ 2.0000	\$ -	\$ -
September		\$ 3.7800	\$ -	-		s -	-	\$ 2.0000	\$ -	s -
October		\$ 3.7800	\$ -	-		s -	-	\$ 2.0000	\$ -	s -
November		\$ 3.7800	s -	-		s -	-		\$ -	\$ -
December		\$ 3.7800	\$-	-	\$ 0.8600	\$ -	-	\$ 2.0000	\$ -	\$ -
Total		\$ -	\$ -		\$ -	s -		\$ -	\$ -	\$ -
		·	·				Tronofo			
Hydro One		Network			ne Connectio			rmation Con		Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$ 3.3765	\$ 158,443	47,974		\$ 34,383	47,974		\$ 77,717	\$ 112,100
February		\$ 3.3765	\$ 160,183	48,293		\$ 34,612	48,293		\$ 78,235	\$ 112,847
March		\$ 3.3765	\$ 143,679	44,306		\$ 31,754	44,306		\$ 71,776	\$ 103,530
April		\$ 3.3765	\$ 114,154	34,890		\$ 25,006	34,890		\$ 56,522	\$ 81,528
May		\$ 3.4121	\$ 123,255	36,123		\$ 28,461	36,123		\$ 65,086	\$ 93,548
June		\$ 3.4121	\$ 137,024	40,158		\$ 31,641	40,158		\$ 72,357	\$ 103,998
July		\$ 3.4121	\$ 142,458	41,751		\$ 32,895	41,751		\$ 75,226	\$ 108,122
August		\$ 3.4121	\$ 141,017	42,032		\$ 33,117	42,032		\$ 75,733	\$ 108,850
September		\$ 3.4121	\$ 115,014	35,566		\$ 28,023	35,566		\$ 64,084	\$ 92,106
October		\$ 3.4121	\$ 116,516	35,096		\$ 27,652	35,096		\$ 63,236	\$ 90,888
November	50,227	\$ 3.4121	\$ 171,379	51,187	\$ 0.7879	\$ 40,330	51,187	\$ 1.8018	\$ 92,228	\$ 132,558
December	47,768	\$ 3.4121	\$ 162,988	48,721	\$ 0.7879	\$ 38,387	48,721	\$ 1.8018	\$ 87,786	\$ 126,173
Total	495,937	\$ 3.40	\$ 1,686,109	506,097	\$ 0.76	\$ 386,261	506,097	\$ 1.74	\$ 879,986	\$ 1,266,247
Add Extra Host Here (I)		Network		Lii	ne Connectio	on	Transfo	rmation Con	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	s -	-	\$-	s -	-	\$-	\$ -	s -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April		\$ -	S -		\$-	s -	-	\$ -	\$ -	\$ -
May		\$ -	š -		\$ -	š -		\$ -	\$ -	š -
June		\$ -	š -		\$ -	š -		\$ -	\$ -	š -
July		\$-	š -		+	s -	-	\$ -	\$ -	š -
August		\$ -	š -		\$ -	š -		\$ -	\$ -	š -
September		\$ -	š -		\$ -	š -		\$ -	\$ -	š -
October		\$-	š -		Ŧ	s -	-	\$ -	\$ -	š -
November		\$-	\$ -		Ŧ	\$ -		\$ -	\$ -	\$-
December		\$-	\$ -	-		\$ -	-	\$ -	\$-	\$ -
Total		* \$-	\$ -	<u> </u>	•	s -	<u> </u>	\$ -	<u> </u>	\$ -
Add Extra Host Here (II)		v Network	Ŷ		ne Connectio	Ť		mation Con		Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
		\$ -	s -			s -		\$ -	\$ -	s -
January February		ş - \$ -	s -	-		s - S -	-	э- \$-	ъ \$-	s -
March		\$ -	s -	-		\$ - \$	-	\$ - \$ -	\$ - \$	\$ -
April		\$ - \$	s -	-		s -	-	э- \$-	ъ \$-	s -
May		\$ - \$	s -	-	Ŧ	s -	-	э- \$-	ъ \$-	s -
June		\$ - \$	s -	-	Ŧ	s -	-	э- \$-	э - \$ -	s -
		\$ - \$	s -	-	Ŧ	s -	-	э- \$-	э - \$ -	s -
July		5 - S -	s -	-	Ŧ	s - s -	-	5 - S -	ъ - \$ -	
August September		\$ - \$ -	» - Տ -	-	Ŧ	s -	-	\$- \$-	\$- \$-	\$- \$-
		\$ - \$	s -		Ŧ	s -		э- \$-	ъ \$-	
October					Ŧ	T		+	ъ \$-	\$ -
November		\$ - \$ -	\$ - \$ -	-		\$ - \$ -	-	\$- \$-	ъ - \$ -	\$ -
December	-	ъ -	ъ -	-	<b>р</b> -	\$ -	-	<b>ф</b> -	ф -	\$-
Total	-	\$-	\$-	-	\$-	\$-		\$-	\$-	\$ -
Total		Network		Lii	ne Connectio	on	Transfo	rmation Con	nnection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	46,925	\$3.38	\$ 158,443	47,974	\$0.72	\$ 34,383	47,974	\$1.62	\$ 77,717	\$ 112,100
February	40,925 47,440	\$3.38	\$ 160,183	48,293		\$ 34,612	48,293		\$ 78,235	\$ 112,847
March	42,553	\$3.38	\$ 143,679	46,293		\$ 31,754	46,293		\$ 71,776	\$ 103,530
April	33,808	\$3.38	\$ 114,154 \$ 102,055	34,890		\$ 25,006	34,890		\$ 56,522	\$ 81,528
May	36,123	\$3.41	\$ 123,255	36,123		\$ 28,461	36,123		\$ 65,086	\$ 93,548
June	40,158	\$3.41	\$ 137,024	40,158		\$ 31,641	40,158		\$ 72,357	\$ 103,998
July	41,751	\$3.41	\$ 142,458	41,751		\$ 32,895	41,751		\$ 75,226	\$ 108,122
August	41,329	\$3.41	\$ 141,017	42,032		\$ 33,117	42,032		\$ 75,733	\$ 108,850
September	33,708	\$3.41	\$ 115,014	35,566		\$ 28,023	35,566		\$ 64,084	\$ 92,106
October	34,148	\$3.41	\$ 116,516	35,096		\$ 27,652	35,096		\$ 63,236	\$ 90,888
November	50,227	\$3.41	\$ 171,379	51,187		\$ 40,330	51,187		\$ 92,228	\$ 132,558
December	47,768	\$3.41	\$ 162,988	48,721		\$ 38,387	48,721		\$ 87,786	\$ 126,173
Total	495,937	\$ 3.40	\$ 1,686,109	506,097	\$ 0.76	\$ 386,261	506,097	\$ 1.74	\$ 879,986	\$ 1,266,247
Iotai	435,337	+	1							

Transformer Allowance Credit (if applicable)

Total including deduction for Transformer Allowance Credit

\$

The purpose of this sheet is to calculate the expected billing when forecasted 2016 Uniform Transmission Rates are applied against historical 2014 transmission units

Intenti         Units Billed         Anson         Units Billed         Rate         Anson         Units Billed         Rate         Anson           Linkary         -         5         3700         5         -         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         -         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5         0.000         5	nits.		-								
	IESO		Network		Lin	ne Connection	n	Transfor	mation Con	nection	Total Line
Finanzy       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
Finanzy       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:       1:       8       2000       8       1:	January		\$ 3,7800	s -	-	\$ 0.8600 \$	s -	-	\$ 2,0000	s -	s -
Math        1 <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-									
Mp        B       DOD       B        B       DOD       DOD       DOD       DOD       DOD       DOD       DOD       DOD       DOD		-		\$-	-		5 -				\$ -
Andrey       1       B       DOD N       S       1       S       DOD N       S	April	-	\$ 3.7800	\$-	-	\$ 0.8600 \$	6 -	-	\$ 2.0000	\$ -	\$ -
Ayr        B       B        B       B       B       D       B       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D       B       D <thd< th="">       D       <thd< th=""> <thd< th=""></thd<></thd<></thd<>		-			-			-			
August       1       8       2000       8       1       8       2000       8       1       8       2000       8       1       8       2000       8       1       8       2000       8       1       8       2000       8       1       8       2000       8       1       8       2000       8       1       <		-			-			-			
Beginner          Be		-									
Obstar:       I       B       B       I       I       B       B       I       B </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-									
Monther         1         8         3         1         1         5         8         1         1         5         0 </td <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-			-						
Dentheri         -         5         -         -         5         -         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         5         -         7         1<		-			-						
Teal		-			-			-			
Hydric Crie         Network         Line Connection         Transformation Connection         Transformation Connection           Merch         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Amount           Persony         47.40         8.4121         8.11511         47.238         8.4211         8.11111         8.4211         8.11111         8.4211         8.11111         8.11111	December	-	\$ 3.7800	s -	-	\$ 0.8600 \$	• -	-	\$ 2.0000	ф -	5 -
Month         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount           Jannany         45225         5         1191.92         42294         5         77379         5         77379         42295         5         1001         5         120.00           April         330.00         5         1191.92         344.00         5         120.00         5         1001         5         1001         5         1001         5         1001         5         1001         5         1001	Total	-	\$-	\$-	-	\$ - \$	- 6	-	\$ -	\$ -	\$-
Answig Match         41426 (25,58)         5,4421 (25,58)         6,4421 (25,58)         5,4421 (25,58)         6,4421 (25,58)         6,4421 (25	Hydro One		Network		Lin	ne Connectio	n	Transfor	mation Con	nection	Total Line
February       47.404       8       34.712       8       17.72       44.208       8       17.015 <t< td=""><td>Month</td><td>Units Billed</td><td>Rate</td><td>Amount</td><td>Units Billed</td><td>Rate</td><td>Amount</td><td>Units Billed</td><td>Rate</td><td>Amount</td><td>Amount</td></t<>	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
February       47.404       8       34.712       8       17.72       44.208       8       17.015 <t< td=""><td>January</td><td>46.925</td><td>\$ 3.4121</td><td>\$ 160.113</td><td>47.974</td><td>\$ 0.7879</td><td>37,798</td><td>47.974</td><td>\$ 1.8018</td><td>\$ 86.439</td><td>\$ 124,237</td></t<>	January	46.925	\$ 3.4121	\$ 160.113	47.974	\$ 0.7879	37,798	47.974	\$ 1.8018	\$ 86.439	\$ 124,237
March         42253         5         3.472         5         3.490         3.490         3.490         3.490         3.490         3.490         5         773         5         3.490         5         773         5         3.490         5         773         5         3.490         5         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         110.75         1											
April       33,008       3,4121       8       115,377       34,698       5,7779       32,400       34,028       5,1011       6,2265       5       9,035         July       41,751       5       12,226       11,211       5       12,226       11,111       6,2265       5       9,035         July       41,751       5       14,212       5       14,246       41,751       5       77,228       5       11,751       1,1011       5       72,228       6       100,12       5       100,12       <											
May       35.123       5       37.123       5       7779       8       22.641       37.123       5       7779       8       10.101       8       65.065       9       93.54         Argan       41.329       8       3.121       8       11.017       42.023       5       37.179       8       31.011       8       65.065       9       105.05         September       31.012       8       3.121       8       11.017       42.023       5       37.179       8       31.011       8       65.065       9       105.05       9       100.05       100.05       100.05       100.05       100.05       100.05       100.05       100.05       100.05       100.05       100.05       100.05       100.05       10											
June         41,158         5         31,7224         40,718         5         7,7278         5         100,158         5         7,7278         5         100,158         7         100,258											
July     41751     8     3.4121     8     142,468     41751     8     0.728     8     3.2856     41751     8     10815     7.72.28     8     10815       Goccober     3.414     8     3.4121     8     119,516     3.5078     8     3.5076     8     3.50776     8											
August       41.229       8       3.117       8       14.1017       3.2002       6.7729       8       3.3.117       3.2002       4.2002       8.2002       4.2002       8.2002       4.2002       8.2002       4.2002       8.2002       4.2002       8.2002       4.2002       8.2002       4.2002       4.2002       8.2002       4.200											
Segurither         33,708         3,4121         \$         11,5014         35,506         5,7279         \$         22,023         35,506         \$         10,018         \$         04,036         \$         90,000           December         47,728         3,34/121         \$         10,02,100         30,000         \$         0,000         3,000,07         \$         03,000         \$         000,007         \$         000,007         \$         10,018         \$         0,020         \$         0,000,07         \$         10,010         \$         0,000,07         \$         10,010         \$         0,010         \$         0,000,07         \$         10,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         \$         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010         0,010											
Ochsher December         34.148         8         34.121         8         115.516         30.006         5         77.85         27.652         30.006         5         1001         8         33.286         9         908.006           Total         465.87         5         3.412         8         102.08         0.1797         8         42.02         8         0.1807         8         3.228         8         122.05         122.05         0.1187         8         3.2328         8         122.05         122.0											
November December         9.0228 (778)         3.441         5         1.197         6.07879         5         4.03.00 (4.727)         5         1.001         5         2.228 (2.778)         5         1.201           Tetal         495,027         3.441         5         1.002         1.001         5         1.001         5         1.107         5         3.004         4.778         5         1.001         5         1.107         5         1.001         5         1.108         5         1.107         5         1.001         5         1.107         5         1.001         5         1.107         5         1.001         7         1.1001         7         1.101         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         7         1.001         1.001         1.001         1.001         1.001         1.001         1.001         1.001 <t< td=""><td></td><td></td><td></td><td></td><td>35,096</td><td>\$ 0.7879</td><td></td><td></td><td></td><td></td><td></td></t<>					35,096	\$ 0.7879					
Deember         47.768         \$         142.28         5         162.98         44.721         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         1.018         5         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         0.728         \$         <											
teal         445.07         5         3.41         5         1.02         5         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007         0.0007											
Add Extra Hore (i)         Network         Lina Connection         Totals         Totals         Totals           Month         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Manualy           January         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         >         > <t< td=""><td>December</td><td>47,700</td><td>φ 3.4121</td><td>φ 102,500</td><td>40,721</td><td>\$ 0.7075</td><td>0 30,307</td><td>40,721</td><td>\$ 1.0010</td><td>φ 01,100</td><td>φ 120,173</td></t<>	December	47,700	φ 3.4121	φ 102,500	40,721	\$ 0.7075	0 30,307	40,721	\$ 1.0010	φ 01,100	φ 120,173
Month         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount           January February March         .         \$         . </td <td>Total</td> <td>495,937</td> <td>\$ 3.41</td> <td>\$ 1,692,186</td> <td>506,097</td> <td>\$ 0.79 \$</td> <td>\$ 398,754</td> <td>506,097</td> <td>\$ 1.80</td> <td>\$ 911,886</td> <td>\$ 1,310,640</td>	Total	495,937	\$ 3.41	\$ 1,692,186	506,097	\$ 0.79 \$	\$ 398,754	506,097	\$ 1.80	\$ 911,886	\$ 1,310,640
January       .       S </td <td>Add Extra Host Here (I)</td> <td></td> <td>Network</td> <td></td> <td>Lin</td> <td>ne Connectio</td> <td>n</td> <td>Transfor</td> <td>mation Con</td> <td>nection</td> <td>Total Line</td>	Add Extra Host Here (I)		Network		Lin	ne Connectio	n	Transfor	mation Con	nection	Total Line
Petruary        S	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
February        S	January		\$ -	s -	-	\$ - \$	6 -	-	\$-	\$-	s -
March       -       S       S       -       S       S       -       S       S       -       S       S       S       -       S       S <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>								-			
April       -       S       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       -       S       - <td>March</td> <td>-</td> <td></td> <td></td> <td>-</td> <td>\$ - 5</td> <td>- 6</td> <td>-</td> <td>\$ -</td> <td>\$ -</td> <td></td>	March	-			-	\$ - 5	- 6	-	\$ -	\$ -	
May        S        <		-	\$ -	s -	-	\$ - 5	- 6	-	\$ -	\$ -	\$ -
July        S	May		\$ -	\$-	-	\$ - 5	s -	-	\$ -	\$ -	\$-
August       -       S       S       -       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       -       S       S       S       S <td>June</td> <td></td> <td>\$ -</td> <td>\$-</td> <td>-</td> <td>\$ - 5</td> <td>s -</td> <td>-</td> <td>\$ -</td> <td>\$ -</td> <td>\$-</td>	June		\$ -	\$-	-	\$ - 5	s -	-	\$ -	\$ -	\$-
September       -       S		-	\$ -	\$-	-	\$ - 5	5 -	-	\$ -	\$ -	\$ -
September        S		-	\$ -	s -	-	\$ - 5	- 6	-	\$ -	\$ -	\$ -
October        S		-	\$ -	s -	-	\$ - 5	s -		\$ -	\$ -	\$ -
November       .       S       .       .       S       .       .       S       .       .       S       .       .       S       .       .       S       .       .       S       .       .       S       .       .       S       .       .       S       .       .       S<			\$ -	\$-				-	\$ -	\$-	
December         -         S         S         -         S         S         -         S         S         S<					-			-			
Total		-			-			-			
Add Extra Host Here (II)         Network         Line Connection         Transformation Connection         Total Line           Month         Units Billed         Rate         Amount         Amount         Amount         Amount         March         -         \$         - <td></td> <td></td> <td>¢.</td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>·</td> <td></td>			¢.	·						·	
Month         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount           January         -         \$         - <td< td=""><td></td><td></td><td></td><td>s -</td><td></td><td>ţ.</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td></td<>				s -		ţ.	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
January       . S       <				•							
February       -       S<		Units Billed			Units Billed			Units Billed			
March       -       S       -       -       S       -       -       S <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>		-			-			-			
April       -       S <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>					-			-			
May       -       S								-			
June       -       S						- ·		-			
July       -       S		-			-	- ·		-			
August       -       \$ <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td>- ·</td> <td></td> <td>-</td> <td>+</td> <td></td> <td></td>		-			-	- ·		-	+		
September       -       S       -       -       S       -		-			-	- ·		-	+	+	
October       .       S </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>- ·</td> <td></td> <td>-</td> <td>+</td> <td>+</td> <td></td>						- ·		-	+	+	
November         .         S         .         S         .         .         S         .         .         S         .         .         S         .<		_				- ·			+		
December         ·<						- ·					
Total         · · · · · · · · · · · · · · · · · · ·						- ·		-			
Total         Network         Line Connection         Transformation Connection         Total Line           Month         Units Billed         Rate         Amount         A			Ψ	•		ψ	·		Ψ	φ	\$
Month         Units Billed         Rate         Amount         Amount           January         46,925         \$         3.41         \$         160,113         47,974         \$         0.79         \$         37,798         47,7974         \$         1.80         \$         86,439         \$         124,223           February         47,440         \$         3.41         \$         161,172         48,293         \$         0.79         \$         34,009         44,306         \$         1.80         \$         79,830         \$         114,73           April         33,080         \$         3.41         \$         115,357         34,809         \$         7.99         24,461         36,123         \$         1.80         \$         62,865         \$         90,35           June         40,158         \$         3.41         \$         112,024         40,158         \$         7.79         \$         33,490         \$         1.80         \$         75,733         \$         108,103     <	Total	-	\$ -	\$	-	\$ - \$	S -	-	\$ -	\$ -	\$-
January       46,925       \$       3.41       \$       160,113       47,974       \$       0.79       \$       37,798       47,974       \$       1.80       \$       86,439       \$       124,23         February       47,440       \$       3.41       \$       161,872       48,293       \$       0.79       \$       38,050       48,293       \$       1.80       \$       86,439       \$       124,23         March       42,253       \$       3.41       \$       145,194       44,306       \$       0.79       \$       34,009       44,306       \$       79,830       \$       114,73         April       33,808       3.41       \$       115,357       34,809       0.79       \$       24,401       34,809       44,306       \$       180       \$       62,065       \$       90,35         May       36,123       \$       3.41       \$       123,255       36,123       0.79       \$       28,461       36,123       1.80       \$       72,357       \$       108,108       \$       72,357       \$       108,108       \$       72,357       \$       108,108       \$       72,357       \$       108,108       \$	Total		Network		Lin	ne Connectio	n	Transfor	mation Con	nection	Total Line
February       47,440       \$ 3,41       \$ 161,872       48,293       \$ 0.79       \$ 38,050       48,293       \$ 1.80       \$ 87,015       \$ 125,06         March       42,253       \$ 3,341       \$ 145,194       44,306       \$ 0.79       \$ 34,909       44,306       \$ 1.80       \$ 79,830       \$ 114,73         April       33,808       \$ 3.41       \$ 115,537       34,809       \$ 0.79       \$ 24,461       36,123       \$ 1.80       \$ 62,865       \$ 90,35         May       36,123       \$ 3.41       \$ 1123,255       36,123       \$ 0.79       \$ 28,461       36,123       \$ 1.80       \$ 62,865       \$ 90,35         June       40,158       \$ 3.41       \$ 137,024       40,158       \$ 0.79       \$ 32,895       41,751       \$ 1.80       \$ 72,527       \$ 103,99         July       41,751       \$ 3.41       \$ 142,458       41,715       \$ 0.79       \$ 32,895       41,751       \$ 1.80       \$ 75,226       \$ 108,12         August       41,329       \$ 3.41       \$ 142,151       40,566       \$ 0.79       \$ 33,117       42,032       \$ 1.80       \$ 64,048       \$ 92,10         October       33,708       \$ 3.41       \$ 116,516       35,096       \$ 0.79       <	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
March       42,53 \$       3 41 \$       145,194       44,306 \$       0.79 \$       34,909       44,306 \$       18.0 \$       79,830 \$       \$ 114,73         April       33,808 \$       3.41 \$       115,357       34,800 \$       0.79 \$       27,490       34,800 \$       1.80 \$       62,665 \$       90,35         May       36,123 \$       3.41 \$       123,255       36,123 \$       0.79 \$       28,461       36,123 \$       1.80 \$       65,086 \$       90,35         June       40,158 \$       3.41 \$       137,024       40,158 \$       0.79 \$       31,641       40,158 \$       1.80 \$       72,357 \$       103,99         July       41,751 \$       3.41 \$       142,024 \$       40,158 \$       0.79 \$       32,895 \$       41,751 \$       1.80 \$       75,733 \$       108,12         August       41,329 \$       3.41 \$       141,017 \$       42,032 \$       0.79 \$       33,117 \$       42,032 \$       1.80 \$       75,733 \$       108,48 \$       92,10         October       33,418 \$       116,516 \$       35,096 \$       0.79 \$       27,652 \$       35,996 \$       1.80 \$       63,236 \$       90,88         November       50,227 \$       3,41 \$       171,379 \$       51,187 \$       0.7											
April         33,808         \$ 3,41         \$ 115,357         34,890         \$ 0.79         \$ 27,490         34,890         \$ 1.80         \$ 62,865         \$ 90,35           May         36,123         \$ 3,41         \$ 123,255         36,123         \$ 0.79         \$ 28,461         36,123         \$ 1.80         \$ 65,086         \$ 93,54           June         40,158         \$ 3.41         \$ 137,024         40,158         \$ 0.79         \$ 32,895         41,751         \$ 1.80         \$ 72,357         \$ 103,99           July         41,751         \$ 3.41         \$ 142,458         41,751         \$ 0.79         \$ 33,895         41,751         \$ 1.80         \$ 75,226         \$ 108,87           August         41,329         \$ 3.41         \$ 141,017         42,032         \$ 0.79         \$ 33,117         42,032         \$ 1.80         \$ 75,733         \$ 108,85           September         33,708         \$ 3.41         \$ 115,014         35,566         0.79         \$ 27,652         35,096         \$ 1.80         \$ 64,084         \$ 92,10           October         34,148         \$ 3.41         \$ 115,014         35,566         0.79         \$ 27,652         35,096         \$ 1.80         \$ 63,236         \$ 90,88											
May       36,123       \$ 3.41       \$ 123,255       36,123       \$ 0.79       \$ 28,461       36,123       \$ 1.80       \$ 65,086       \$ 93,54         June       40,158       \$ 3.41       \$ 137,024       40,158       0.79       \$ 31,641       40,158       \$ 1.80       \$ 72,357       \$ 103,99         July       41,751       \$ 3.41       \$ 142,458       41,751       \$ 0.79       \$ 32,895       41,751       \$ 1.80       \$ 77,526       \$ 103,99         August       41,329       \$ 3.41       \$ 142,458       41,751       \$ 0.79       \$ 33,117       42,032       \$ 1.80       \$ 75,733       \$ 108,12         September       33,708       \$ 3.41       \$ 115,014       35,666       \$ 0.79       \$ 22,652       35,066       \$ 1.80       \$ 64,084       \$ 92,10         October       34,148       \$ 3.41       \$ 116,516       35,096       0.79       \$ 27,652       35,096       \$ 1.80       \$ 63,236       \$ 90,88         November       50,227       \$ 3.41       \$ 116,516       35,096       0.79       \$ 40,330       51,187       \$ 1.80       \$ 92,228       \$ 132,65         December       47,768       \$ 3.41       \$ 162,988       48,721       0.79											
June       40,158       \$ 3.41       \$ 137,024       40,158       \$ 0.79       \$ 31,641       40,158       \$ 1.80       \$ 7,2,357       \$ 103,99         July       41,751       \$ 3.41       \$ 142,458       41,715       \$ 0.79       \$ 32,895       41,761       \$ 1.80       \$ 7,2,357       \$ 103,99         August       41,329       \$ 3.41       \$ 142,458       41,717       42,032       \$ 0.79       \$ 33,117       42,032       \$ 1.80       \$ 7,5,733       \$ 108,85         September       33,708       \$ 3.41       \$ 141,017       42,032       \$ 0.79       \$ 22,023       35,566       \$ 1.80       \$ 64,084       \$ 92,108         October       34,148       \$ 115,616       35,696       \$ 0.79       \$ 22,023       35,566       \$ 1.80       \$ 64,084       \$ 92,108         November       50,227       \$ 3.41       \$ 116,516       35,096       \$ 0.79       \$ 24,030       51,187       \$ 1.80       \$ 92,228       \$ 132,55         December       47,768       \$ 3.41       \$ 162,988       48,721       \$ 0.79       \$ 38,387       48,721       \$ 1.80       \$ 97,786       \$ 126,17         Total       495,937       \$ 3.41       1.692,186       506,097       \$ 0.	April										
July       41,751       \$ 3.41       \$ 142,458       41,751       \$ 0.79       \$ 32,895       41,751       \$ 1.80       \$ 75,226       \$ 108,12         August       41,329       \$ 3.41       \$ 141,017       42,032       \$ 0.79       \$ 33,117       42,032       \$ 1.80       \$ 75,733       \$ 108,85         September       33,708       \$ 3.41       \$ 115,014       35,566       \$ 0.79       \$ 22,622       35,566       \$ 1.80       \$ 64,084       \$ 92,10         October       34,148       \$ 3.41       \$ 116,516       35,096       \$ 0.79       \$ 27,652       35,096       \$ 1.80       \$ 64,084       \$ 90,08         November       50,227       \$ 3.41       \$ 115,516       35,096       \$ 0.79       \$ 27,652       35,096       \$ 1.80       \$ 63,236       \$ 90,08         November       50,227       \$ 3.41       \$ 115,317       51,187       \$ 0.79       \$ 40,330       51,187       \$ 1.80       \$ 92,228       \$ 132,55         December       47,66       \$ 3.41       \$ 162,186       48,721       \$ 0.79       \$ 33,87       48,721       \$ 1.80       \$ 911,886       \$ 1,310,64         Total       495,937       \$ 3.41       \$ 1,692,186       506,097       \$ 0											
August         41,29         \$ 3.41         \$ 141,017         42,032         \$ 0.79         \$ 33,117         42,032         \$ 1.80         \$ 7,733         \$ 108,65           September         33,708         \$ 3.41         \$ 115,014         35,566         \$ 0.79         \$ 28,023         35,566         \$ 1.80         \$ 64,084         \$ 92,10           October         34,148         \$ 3.41         \$ 116,516         35,096         \$ 0.79         \$ 27,652         35,096         \$ 1.80         \$ 64,084         \$ 92,10           November         50,227         \$ 3.41         \$ 116,516         35,096         \$ 0.79         \$ 27,652         35,096         \$ 1.80         \$ 63,236         \$ 90,88           November         50,227         \$ 3.41         \$ 162,988         48,721         \$ 0.79         \$ 40,330         51,187         \$ 1.80         \$ 92,228         \$ 132,55           December         47,768         \$ 3.41         \$ 162,988         48,721         \$ 0.79         \$ 38,387         48,721         \$ 1.80         \$ 97,786         \$ 126,17           Total         495,937         \$ 3.41         \$ 1,692,186         506,097         \$ 0.79         \$ 398,754         506,097         \$ 1.80         \$ 911,886         \$ 1,310,64 <td></td>											
September         33,708         \$         34.1         \$         115,014         35,566         \$         28,023         35,566         \$         1.80         \$         64,084         \$         92,10           October         34,148         \$         34.1         \$         116,516         35,096         \$         27,652         35,096         \$         1.80         \$         64,084         \$         90,80           November         50,227         \$         3.41         \$         116,516         35,096         \$         27,652         35,096         \$         64,084         \$         90,108           December         47,768         \$         3.41         \$         162,988         48,721         0.79         \$         38,387         48,721         \$         1.80         \$         87,786         \$         126,17           Total         495,937         \$         3.41         \$         1,692,186         506,097         0.79         \$         398,754         506,097         \$         1.80         \$         911,886         \$         1,310,64											
October         34,148         \$ 3,41         \$ 116,516         35,096         \$ 0.79         \$ 27,652         35,096         \$ 1.80         \$ 63,236         \$ 90,88           November         50,227         \$ 3,41         \$ 171,379         51,187         \$ 0.79         \$ 40,330         51,187         \$ 1.80         \$ 92,228         \$ 132,55           December         47,768         \$ 3,41         \$ 162,988         48,721         \$ 0.79         \$ 38,387         48,721         \$ 1.80         \$ 87,786         \$ 126,17           Total         495,937         \$ 3,41         \$ 1,692,186         506,097         \$ 0.79         \$ 398,754         506,097         \$ 1.80         \$ 911,886         \$ 1,310,64	August										
November         50,227         \$ 3.41         171,379         51,187         \$ 0.79         \$ 40,330         51,187         \$ 1.80         \$ 92,228         \$ 132,55           December         47,768         \$ 3.41         \$ 162,988         48,721         \$ 0.79         \$ 38,387         48,721         \$ 1.80         \$ 92,228         \$ 132,55           Total         495,937         \$ 3.41         \$ 1,692,186         506,097         \$ 0.79         \$ 398,754         506,097         \$ 1.80         \$ 911,886         \$ 1,310,64											
December         47,768         3.41         162,988         48,721         0.79         38,387         48,721         1.80         87,786         \$ 126,17           Total         495,937         3.41         1,692,186         506,097         0.79         398,754         506,097         1.80         911,886         \$ 1,310,64											
December         47,768         3.41         162,988         48,721         0.79         38,387         48,721         1.80         87,786         \$ 126,17           Total         495,937         3.41         1,692,186         506,097         0.79         398,754         506,097         506,097         1.80         911,886         \$ 1,310,64	November		\$ 3.41	\$ 171,379	51,187		\$ 40,330	51,187	\$ 1.80		\$ 132,558
Total 495,937 \$ 3.41 \$ 1,692,186 506,097 \$ 0.79 \$ 398,754 506,097 \$ 1.80 \$ 911,886 \$ 1,310,64	December		\$ 3.41								
	_										
	Total	495,937	\$ 3.41	\$ 1,692,186	506,097	\$ 0.79 \$	398,754	506,097	\$ 1.80	\$ 911,886	\$ 1,310,640

1,310,640

Total including deduction for Transformer Allowance Credit \$

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

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054	113,132,318	0	610,915	36.9%	622,544	0.0055
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045	48,258,688	0	217,164	13.1%	221,298	0.0046
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9971		405,950	810,723	49.0%	826,155	2.0351
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045	852,266	0	3,835	0.2%	3,908	0.0046
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4787		802	1,186	0.1%	1,208	1.5069
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4712		7,334	10,790	0.7%	10,995	1.4992
The nurnose of this table is to re-align the curren	t RTS Connection Rates to recover current wholesale connection costs								

Current

Current

Adjusted

Adjustad

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 %	Wholesale Billing	RTSR- Connection	
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038	113,132,318	0	429,903	36.4%	460,396	0.0041	
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035	48,258,688	0	168,905	14.3%	180,886	0.0037	
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4091		405,950	572,024	48.4%	612,598	1.5090	
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035	852,266	0	2,983	0.3%	3,195	0.0037	
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0727		802	860	0.1%	921	1.1488	
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0506		7,334	7,705	0.7%	8,252	1.1251	

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055	113,132,318	0	622,544	36.9%	624,788	0.0055
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	48,258,688	0	221,298	13.1%	222,096	0.0046
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0351		405,950	826,155	49.0%	829,133	2.0425
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046	852,266	0	3,908	0.2%	3,922	0.0046
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.5069		802	1,208	0.1%	1,213	1.5123
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.4992		7,334	10,995	0.7%	11,035	1.5046

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041	113,132,318	0	460,396	36.4%	476,537	0.0042
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	48,258,688	0	180,886	14.3%	187,227	0.0039
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5090		405,950	612,598	48.4%	634,075	1.5620
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037	852,266	0	3,195	0.3%	3,307	0.0039
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1488		802	921	0.1%	954	1.1891
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1251		7,334	8,252	0.7%	8,541	1.1646

Contario Energy Board

# **Incentive Regulation Model for 2015 Filers**

0.0167

1,833,311

3,752,762

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2015 values and will be updated by Board staff at a later date.

Price Escalator	1.60%	Productivity Factor	0.00%	# of Residential Customers	11.409	(last CoS Approv	ed Billing Determ	inants)
Choose Stretch Factor Group	Ш	Price Cap Index	1.30%	Billed kWh	109,779,129			
Associated Stretch Factor Value	0.30%			Rate Design Transition Years Left	4			
Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge	
RESIDENTIAL SERVICE CLASSIFICATION	14.02		0.0167		1.30%	17.60	0.0127	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	36.76		0.0162		1.30%	37.24	0.0164	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	334.58		3.5192		1.30%	338.93	3.5649	
STANDBY POWER SERVICE CLASSIFICATION			1.0524				1.0661	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	10.40		0.0093		1.30%	10.54	0.0094	
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.81		9.9683		1.30%	3.86	10.0979	
STREET LIGHTING SERVICE CLASSIFICATION	4.48		14.8974		1.30%	4.54	15.0911	
microFIT SERVICE CLASSIFICATION	5.40					5.40		
Rate Design Transition Current Residential Fixed Rate (inclusive of R/C adj.)	14.02	Revenue from Rates 1,919,450	Current F/V Split 51.1%	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year) 3.35	New F/V Split 63.4%	Adjusted Rates <sup>1</sup> 17.37	Revenue at New F/V Split 2,378,092
Current Residential Fixed Rate (Inclusive of R/C duj.)	14.02	1,919,430	51.1%	12.270	5.55	03.4%	17.57	2,378,092

48.9%

36.6%

0.0125

1,372,239

3,750,331

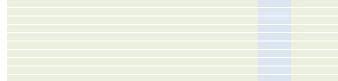
<sup>1</sup> These are the residential rates to which the Price Cap Index will be applied to.

Current Residential Variable Rate (inclusive of R/C adj.)

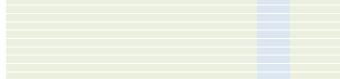
## **Incentive Regulation Model for 2016 Filers**

In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below. In column A, the rate rider descriptions must begin with **\*Rate Rider for\*.** In column B, choose the associated unit from the drop-down menu. In column C, enter the rate. All rate riders with a \*\$\* unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

#### RESIDENTIAL SERVICE CLASSIFICATION



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



#### GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

#### STANDBY POWER SERVICE CLASSIFICATION

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

#### SENTINEL LIGHTING SERVICE CLASSIFICATION

### STREET LIGHTING SERVICE CLASSIFICATION

#### microFIT SERVICE CLASSIFICATION

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### **RESIDENTIAL SERVICE CLASSIFICATION**

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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 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**

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	17.60
service-based rate order	\$	2.56
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0127
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0028)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0068
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2017	\$/kWh	0.0005
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$	(0.08)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0055
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

\$

0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly maximum 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.

Service Charge	\$	37.24
service-based rate order	\$	7.48
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0164
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0028)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0068
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2017	\$/kWh	0.0016
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

## **GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION**

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

Service Charge	\$	338.93
Distribution Volumetric Rate	\$/kW	3.5649
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4856
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(1.0338)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kW	2.4026
Low Voltage Service Rate	\$/kW	0.2230
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2017	\$/kW	0.4348
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0156)
Retail Transmission Rate - Network Service Rate	\$/kW	2.0425
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5620
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as nameplate rating of the load displacement facility. 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.

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 - APPROVED ON AN INTERIM BASIS**

Distribution Volumetric Rate - \$/kW of contracted amount

\$/kW 1.0661

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 (per connection)	\$	10.54
Distribution Volumetric Rate	\$/kWh	0.0094
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0028)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0068
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are 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.

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 (per connection) \$ 3.	86
Distribution Volumetric Rate \$/kW 10.09	
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017 \$/kW 0.44	-
	21
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	
Applicable only for Non-Wholesale Market Participants \$/kW (1.005	<i>•</i> 2)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017	
Applicable only for Non-RPP Customers \$/kW 2.45	17
Low Voltage Service Rate \$/kW 0.16	98
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017 \$/kW (0.065	52)
Retail Transmission Rate - Network Service Rate \$/kW 1.51.	23
Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kW 1.18	91
MONTHLY RATES AND CHARGES - Regulatory Component	
Wholesale Market Service Rate\$/kWh0.00	44
Rural or Remote Electricity Rate Protection Charge (RRRP)    \$/kWh    0.00	13
Standard Supply Service - Administrative Charge (if applicable) \$ 0.	25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. 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 (per connection)	\$	4.54
Distribution Volumetric Rate	\$/kW	15.0911
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.4688
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017		
Applicable only for Non-Wholesale Market Participants	\$/kW	(0.9992)
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kW	2.4504
Low Voltage Service Rate	\$/kW	0.1663
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0761)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5046
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1646
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

### **MICROFIT SERVICE CLASSIFICATION**

This classification applies to an electricity generation facility contracted under the Ontario Power Authority'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.

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.

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

5.40

\$

EB-2014-0104

### Orillia Power Distribution Corporation TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

ALLOWANCES		
Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

### SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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.

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.

#### **Customer Administration**

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect charges for non payment of account - at meter during regular hours	\$	65.00
Disconnect/Reconnect charges for non payment of account - at meter after regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account - at pole during regular hours	\$	185.00
Disconnect/Reconnect charges for non payment of account - at pole after regular hours	\$	415.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Other		
Temporary Service - Install & Remove - Overhead - No Transformer	\$	500.00
Temporary Service - Install & Remove - Underground - No Transformer	\$	300.00
Temporary Service - Install & Remove - Overhead - With Transformer	\$	1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

Effective and Implementation Date May-01-16

This schedule supersedes and replaces all previously

approved schedules of Rates, Charges and Loss Factors

EB-2014-0104

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

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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.

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.

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0561
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0455

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distributors service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Note: For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2015 of \$0.0954/kWh (*IESO's Monthly Market Report for May 2015, page 20*) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact chart for the specific class.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	OCEB Applicable? Prior to Jan 1/16	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	Yes	1.0561	1.0561	800		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	RPP	Yes	1.0561	1.0561	2,000		N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	No	1.0561	1.0561	73,000	100	DEMAND
STANDBY POWER SERVICE CLASSIFICATION	kW							DEMAND
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	Yes	1.0561	1.0561	100		N/A
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	Yes	1.0561	1.0561	700	1	DEMAND
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	No	1.0561	1.0561	182,000	600	DEMAND
RESIDENTIAL SERVICE CLASSIFICATION 10th Consumption Percentile	kWh	RPP	Yes	1.0561	1.0561	321		N/A
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	Yes	1.0561	1.0561	321		N/A
Add additional scenarios if required								N/A
Add additional scenarios if required								N/A
Add additional scenarios if required								N/A
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

#### Table 2

RATE CLASSES / CATEGORIES					Sub-To	otal				Total	
(eg: Residential TOU, Residential Retailer)	Units	Α				В		c	;	A + B + C	
		\$	%		\$	%		\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.70	2.3%	-\$	0.50	-1.4%	-\$	0.08	-0.2%	\$ 14.07	10.6%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	\$ 3.88	5.6%	\$	0.88	1.1%	\$	1.94	1.9%	\$ 52.30	16.2%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 50.84	7.4%	\$	236.28	33.3%	\$	256.11	24.4%	\$ 809.09	8.0%
STANDBY POWER SERVICE CLASSIFICATION -	kW	\$ -	0.0%	\$	-	0.0%	\$	-	0.0%	\$ -	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.14	1.2%	-\$	0.02	-0.2%	\$	0.03	0.3%	\$ 3.46	14.2%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.11	0.8%	-\$	0.45	-2.5%	-\$	0.30	-1.5%	\$ 15.61	15.8%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 70.62	0.8%	\$	1,222.62	13.5%	\$	1,311.06	12.4%	\$ 2,777.16	8.2%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.38	10.8%	\$	1.90	7.7%	\$	2.06	7.4%	\$ 9.21	14.4%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 2.38	10.8%	\$	6.26	25.4%	\$	6.43	23.2%	\$ 13.88	22.5%
											1
											1
											1
											1

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Customer Class: RES		ICE CLASSIFICATION												
RPP / Non-RPP: RPP														
Consumption	800 kWh													
Demand	- kW													
Current Loss Factor	1.0561													
Proposed/Approved Loss Factor	1.0561													
Ontario Clean Energy Benefit Applied?	Yes													
			oard-Approve	ed				Proposed			In			
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$	Change	% Change	
Monthly Service Charge	\$	14.02		\$	14.02		17.60		\$	17.60	\$	3.58	25.5	
Distribution Volumetric Rate	\$	0.0167	800	\$	13.36	\$	0.0127	800	\$		-\$	3.20	-23.9	
Fixed Rate Riders	\$	2.56	1	\$	2.56	\$	2.48	1	\$		-\$	0.08	-3.1	
Volumetric Rate Riders	\$	-	800		-	\$	0.0005	800			\$	0.40		
Sub-Total A (excluding pass through)				\$	29.94		0.4051		\$	30.64	\$	0.70	2.3	
Line Losses on Cost of Power	\$	0.1021	45	\$	4.58	\$	0.1021	45	\$	4.58	\$	-	0.0	
Total Deferral/Variance Account Rate Riders	\$	-	800	\$	-	-\$	0.0015	800	•		-\$	1.20		
Low Voltage Service Charge	\$	0.0006	800	\$	0.48		0.0006	800	\$		\$	-	0.0	
Smart Meter Entity Charge (if applicable)	\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.0	
Sub-Total B - Distribution (includes Sub-				\$	35.79				\$	35.29	-\$	0.50	-1.4	
Total A) RTSR - Network	\$	0.0054	845	\$	4.56	\$	0.0055	845	\$	4.65	\$	0.08	1.8	
RTSR - Connection and/or Line and	•			÷					-		-			
Transformation Connection	\$	0.0038	845	\$	3.21	\$	0.0042	845	\$	3.55	\$	0.34	10.5	
Sub-Total C - Delivery (including Sub-											•			
Total B)				\$	43.57				\$	43.49	-\$	0.08	-0.1	
Wholesale Market Service Charge	s	0.0044	845	\$	3.72	\$	0.0044	845	\$	3.72	¢		0.0	
(WMSC)	Ŷ	0.0044	040	Ψ	5.72	Ψ	0.0044	040	Ψ	5.72	Ψ	-	0.0	
Rural and Remote Rate Protection	\$	0.0013	845	\$	1.10	\$	0.0013	845	\$	1.10	\$	-	0.0	
(RRRP)	•			÷	-			- 10		-	•			
Standard Supply Service Charge Debt Retirement Charge (DRC)	\$	0.2500 0.0007	1 800	\$ \$	0.25 0.56		0.25	1 800	\$ \$		\$ -\$	- 0.56	0.0 -100.0	
Ontario Electricity Support Program	\$	0.0007	800	\$	0.56		-		-	-	-Þ	0.56	-100.0	
(OESP)						\$	-	845	\$	-	\$	-		
TOU - Off Peak	\$	0.0800	512	\$	40.96	\$	0.0800	512	\$	40.96	\$	-	0.0	
TOU - Mid Peak	ŝ	0.1220	144	\$	17.57	ŝ	0.1220		\$		\$	-	0.0	
TOU - On Peak	ŝ	0.1610	144		23.18		0.1610	144	\$	23.18		-	0.0	
				Ċ					·					
Total Bill on TOU (before Taxes)				\$	130.90				\$	130.27	-\$	0.64	-0.4	
HST		13%		\$	17.02		13%		\$		-\$	0.08	-0.4	
Total Bill (including HST)				\$	147.92				\$	147.20	-\$	0.72	-0.4	
Ontario Clean Energy Benefit <sup>1</sup>				-\$	14.79									
Total Bill on TOU				\$	133.13				\$	147.20	\$	14.07	10.5	

# Incentive Regulation Model for 2016 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Customer Class: RPP / Non-RPP:	GENERAL SE	RVICE LE	SS THAN 50 KW SEF	RVICE CLASS	IFIC	CATION								
Consumption		kWh			1									
Demand		kW												
Current Loss Factor														
Proposed/Approved Loss Factor														
Ontario Clean Energy Benefit Applied?	Yes	-												
Sintano Gean Energy Denent Applied :	163	1												
				oard-Approve	ed				Proposed				Imp	act
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	4	6 Change	% Change
Monthly Service Charge		\$	36.76	1	\$	36.76	\$	37.24	1	\$	37.24	\$	0.48	1.31%
Distribution Volumetric Rate		\$	0.0162	2000	\$	32.40	\$	0.0164	2000	\$	32.80	\$	0.40	1.23%
Fixed Rate Riders		\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders		\$	-	2000	\$	-	\$	0.0015	2000	\$	3.00	\$	3.00	
Sub-Total A (excluding pass through)					\$	69.16				\$	73.04	\$	3.88	5.61%
Line Losses on Cost of Power		\$	0.1021	112	\$	11.46	\$	0.1021	112	\$	11.46	\$	-	0.00%
Total Deferral/Variance Account Rate Riders		\$	-	2,000	\$	-	-\$	0.0015	2,000	-\$	3.00	-\$	3.00	
Low Voltage Service Charge		\$	0.0006	2,000	\$	1.20	\$	0.0006	2,000	\$	1.20	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub- Total A)					\$	82.61				\$	83.49	\$	0.88	1.07%
RTSR - Network		S	0.0045	2,112	\$	9.50	\$	0.0046	2,112	\$	9.72	\$	0.21	2.22%
RTSR - Connection and/or Line and		•		· · · · ·					1	÷	-			
Transformation Connection		\$	0.0035	2,112	\$	7.39	\$	0.0039	2,112	\$	8.24	\$	0.84	11.43%
Sub-Total C - Delivery (including Sub-					\$	99.51				\$	101.44	¢	1.94	1.95%
Total B)					φ	33.31				9	101.44	9	1.54	1.95 /6
Wholesale Market Service Charge		s	0.0044	2,112	\$	9.29	\$	0.0044	2,112	\$	9.29	\$		0.00%
(WMSC)		•	0.0044	2,112	Ψ	0.20	٣	0.0044	2,112	Ψ	0.20	Ψ		0.0070
Rural and Remote Rate Protection (RRRP)		\$	0.0013	2,112	\$	2.75	\$	0.0013	2,112	\$	2.75	\$	-	0.00%
(RRRP) Standard Supply Service Charge		s	0.2500	1	\$	0.25	¢	0.25	1	\$	0.25	\$		0.00%
Debt Retirement Charge (DRC)		ŝ	0.0007	2,000		1.40		0.0070	2,000		14.00	\$	12.60	900.00%
Ontario Electricity Support Program		Ŷ	0.0007	2,000	Ψ	1.40	· ·	0.0070			14.00		12.00	300.0078
(OESP)							\$	-	2,112	\$	-	\$	-	
TOU - Off Peak		\$	0.0800	1,280	\$	102.40	\$	0.0800	1,280	\$	102.40	\$	-	0.00%
TOU - Mid Peak		\$	0.1220	360	\$	43.92			360	\$	43.92		-	0.00%
TOU - On Peak		\$	0.1610	360	\$	57.96		0.1610	360	\$	57.96		-	0.00%
										÷				
Total Bill on TOU (before Taxes)					\$	317.48				\$	332.01		14.54	4.58%
HST			13%		\$	41.27		13%		\$	43.16		1.89	4.58%
Total Bill (including HST)					\$	358.75				\$	375.18	\$	16.43	4.58%
Ontario Clean Energy Benefit <sup>1</sup>					-\$	35.87								
Total Bill on TOU					\$	322.88				\$	375.18	\$	52.30	16.20%

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

		TO 4,999 KW SERVIO	CE CLASSIFIC	CAT	ION								
RPP / Non-RPP: Non-RI													
	73,000 kWh												
Demand	100 kW												
Current Loss Factor	1.0561												
Proposed/Approved Loss Factor	1.0561												
Ontario Clean Energy Benefit Applied?	lo												
	<b></b>	Current B	oard-Approve	ed				Proposed				Imp	act
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$ Cha	nge	% Change
Monthly Service Charge	\$	334.58	1	\$	334.58	\$	338.93	1	\$		\$	4.35	1.30%
Distribution Volumetric Rate	ŝ	3.5192	100		351.92	ŝ	3.5649	100	ŝ	356.49	\$	4.57	1.30%
Fixed Rate Riders	ŝ	-	1	ŝ	-	ŝ	-	1	ŝ	-	\$	-	
Volumetric Rate Riders	ŝ	-	100		-	Š	0.4192	100		41.92	\$	41.92	
Sub-Total A (excluding pass through)				\$	686.50				\$	737.34	\$	50.84	7.41%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-		\$	-	\$		
Total Deferral/Variance Account Rate	\$	-	100	\$	-	\$	1.8544	100	\$	185.44	\$	185.44	
Riders											+		
Low Voltage Service Charge	\$	0.2230	100	\$	22.30	\$	0.2230	100	\$	22.30	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$		
Sub-Total B - Distribution (includes Sub-				\$	708.80				\$	945.08	\$	236.28	33.34%
Total A) RTSR - Network	\$	1.9971	100	\$	199.71	•	2.0425	100	\$	204.25	¢	4.54	2.27%
RTSR - Network RTSR - Connection and/or Line and	Þ	1.9971	100	Э	199.71	\$	2.0425	100	Э	204.25	Ф	4.54	2.21%
Transformation Connection	\$	1.4091	100	\$	140.91	\$	1.5620	100	\$	156.20	\$	15.29	10.85%
Sub-Total C - Delivery (including Sub-											•		
Total B)				\$	1,049.42				\$	1,305.53	\$	256.11	24.40%
Wholesale Market Service Charge	s	0.0044	77,095	\$	339.22	\$	0.0044	77,095	\$	339.22	\$		0.00%
(WMSC)	ð	0.0044	77,095	æ	339.22	Φ	0.0044	77,095	φ	339.22	Ф	-	0.00%
Rural and Remote Rate Protection	e	0.0013	77.095	\$	100.22	\$	0.0013	77,095	\$	100.22	¢		0.00%
(RRRP)			11,035	· ·				11,035	÷		•	-	
Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.25	1	\$	0.25		-	0.00%
Debt Retirement Charge (DRC)	\$	0.0007	73,000	\$	51.10	\$	0.0070	73,000	\$	511.00	\$	459.90	900.00%
Ontario Electricity Support Program						\$	-	77,095	\$	-	\$	-	
(OESP)	•	0.0054	77.005	<u>_</u>	7 05 4 00		0.0054		÷	7 05 4 00	•		0.000/
Average IESO Wholesale Market Price	\$	0.0954	77,095	\$	7,354.89	\$	0.0954	77,095	\$	7,354.89	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Pr	iaa			¢	8,895.10				¢	9,611.11	¢ .	716.01	8.05%
HST	ice	13%		• \$	1,156.36		13%		₽ \$	1,249.44		93.08	8.05%
Total Bill (including HST)		13%		s S	10,051.47		13%		э \$	10,860.56		809.09	8.05%
Ontario Clean Energy Benefit <sup>1</sup>				φ s	10,031.47				φ	10,000.00	ψ	009.09	0.05%
Total Bill on Average IESO Wholesale Market Pr	ice			ŝ	10,051.47				\$	10,860.56	¢	809.09	8.05%
Total Bill on Average 1200 Wholesale Market Fr				Ÿ	10,031.47				Ψ	10,000.50	Ψ.	000.00	0.03 /8

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Customer Class: UNME RPP / Non-RPP: RPP	TERED SCATTER	ED LOAD SERVICE (	CLASSIFICAT	ION									
Consumption	100 kWh												
Demand	- kW												
Current Loss Factor	1.0561												
Proposed/Approved Loss Factor	1.0561												
	es												
		Current B	oard-Approve	ed				Proposed				Imp	act
		Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	9	Change	% Change
Monthly Service Charge	\$	10.40	1	\$	10.40	\$	10.54	1	\$	10.54	\$	0.14	1.35%
Distribution Volumetric Rate	\$	0.0093	100	\$	0.93	\$	0.0094	100	\$	0.94	\$	0.01	1.08%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	-	100		-	-\$	0.0001	100			-\$	0.01	
Sub-Total A (excluding pass through)				\$	11.33				\$	11.47	\$	0.14	1.24%
Line Losses on Cost of Power	\$	0.1021	6	\$	0.57	\$	0.1021	6	\$	0.57	\$	-	0.00%
Total Deferral/Variance Account Rate Riders	\$	-	100	\$	-	-\$	0.0016		-\$	0.16	•	0.16	
Low Voltage Service Charge	\$	0.0006	100	\$	0.06	\$	0.0006	100	\$	0.06		-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub- Total A)				\$	11.96				\$	11.94	•	0.02	-0.17%
RTSR - Network	\$	0.0045	106	\$	0.48	\$	0.0046	106	\$	0.49	\$	0.01	2.22%
RTSR - Connection and/or Line and Transformation Connection	\$	0.0035	106	\$	0.37	\$	0.0039	106	\$	0.41	\$	0.04	11.43%
Sub-Total C - Delivery (including Sub- Total B)				\$	12.81				\$	12.84	\$	0.03	0.26%
Wholesale Market Service Charge (WMSC)	\$	0.0044	106	\$	0.46	\$	0.0044	106	\$	0.46	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)	\$	0.0013	106	\$	0.14	\$	0.0013	106	\$	0.14	\$	-	0.00%
Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0007	100	\$	0.07	\$	0.0070	100	\$	0.70	\$	0.63	900.00%
Ontario Electricity Support Program (OESP)						\$	-	106	\$	-	\$	-	
TOU - Off Peak	\$	0.0800	64	\$	5.12	\$	0.0800	64	\$	5.12	\$	-	0.00%
TOU - Mid Peak	\$	0.1220	18	\$	2.20	\$	0.1220	18	\$	2.20	\$	-	0.00%
TOU - On Peak	\$	0.1610	18	\$	2.90	\$	0.1610	18	\$	2.90	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	23.94				\$	24.61		0.66	2.77%
HST		13%		\$	3.11		13%		\$	3.20	\$	0.09	2.77%
Total Bill (including HST)				\$	27.06				\$	27.81	\$	0.75	2.77%
Ontario Clean Energy Benefit <sup>1</sup> Total Bill on TOU				-\$ \$	2.71 24.35				\$	27.81	\$	3.46	14.21%

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

HTING SEF	RVICE CLASSIFICA	TION									
ĸW											
-											
1											
	Current B	oard-Approve	ed				Proposed			Im	act
	Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$ Change	% Change
\$	3.81	1	\$	3.81	\$	3.86	1	\$	3.86	\$ 0.05	1.31
\$	9.9683	1	\$	9.97	\$	10.0979	1	\$	10.10	\$ 0.13	1.30
	-	1	\$	-	\$	-	1	\$	-	\$-	
\$	-	1		-	-\$	0.0652	1				
										÷	0.83
\$	0.1021	39	\$	4.01	\$	0.1021	39	\$	4.01	\$-	0.00
\$	-	1	\$	-	-\$	0.5625	1			-\$ 0.56	
	0.1698	1		0.17	\$	0.1698	1		0.17	*	0.00
\$	-	1	\$	-	\$	-	1	\$	-	\$ -	
			\$	17.96				\$		• ••••	-2.50
\$	1.4787	1	\$	1.48	\$	1.5123	1	\$	1.51	\$ 0.03	2.27
\$	1.0727	1	\$	1.07	\$	1.1891	1	\$	1.19	\$ 0.12	10.859
			\$	20.51				\$	20.21	-\$ 0.30	-1.45%
\$	0.0044	739	\$	3.25	\$	0.0044	739	\$	3.25	\$-	0.00
\$	0.0013	739	\$	0.96	\$	0.0013	739	\$	0.96	\$-	0.00
\$	0.2500	1	\$	0.25	\$	0.25	1	\$	0.25	\$ -	0.00
\$	0.0007	700	Ŝ	0.49	\$	0.0070	700	\$		\$ 4.41	900.00
					\$	-	739	\$		\$ -	
\$	0.0800	448	\$	35.84	\$	0.0800	448	\$	35.84	\$ -	0.00
			ŝ		ŝ					\$ -	0.00
\$	0.1610	126		20.29	\$	0.1610					0.00
•			È		<u> </u>			,			
			\$	96.96				\$			4.24
	13%		\$	12.61		13%		\$			4.24
			\$	109.57				\$	114.21	\$ 4.65	4.24
			-\$ \$					\$			15.839
	kWh kW \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	kWh           kW           Rate           (\$)           \$           9.9683           \$	Current Board-Approv.           Rate         Volume           \$         3.81         1           \$         9.9683         1           \$         9.9683         1           \$         -         1           \$         -         1           \$         -         1           \$         0.1021         39           \$         -         1           \$         0.1098         1           \$         -         1           \$         -         1           \$         -         1           \$         1.0727         1           \$         0.00044         739           \$         0.2500         1           \$         0.00007         700           \$         0.0800         448           \$         0.1220         126           \$         0.1610         126	KWh         KWh           kW         KWh           kW         KWh           Rate         Volume           \$         3.81         1           \$         9.9683         1         \$           \$         9.9683         1         \$           \$         -         1         \$           \$         -         1         \$           \$         -         1         \$           \$         0.1021         39         \$           \$         -         1         \$           \$         0.1698         1         \$           \$         1.4787         1         \$           \$         1.0727         1         \$           \$         0.0004         739         \$           \$         0.2500         1         \$           \$         0.0800         448         \$           \$         0.1220         126         \$           \$         0.1610         126         \$	KWh kW           KWh kW           KWh kW           Rate (\$)         Charge (\$)           \$ 3.81         1         \$ 3.81           \$ 9.9683         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 9.97           \$ -         1         \$ 1.378           \$ 0.1021         39         \$ 4.01           \$ -         1         \$ 0.17           \$ 0.1698         1         \$ 0.17           \$ 1.4787         1         \$ 1.48           \$ 1.0727         1         \$ 1.07           \$ 0.0250         1         \$ 0.255           \$ 0.0007         700         \$ 0.49           \$ 0.250         1         \$ 0.25           \$ 0.1220         126 </td <td>KWh kW           Rate (\$)         Volume         Charge (\$)           \$ 3.81         1         \$ 3.81           \$ 9.9683         1         \$ 9.97           \$ -         1         \$           \$ 0.9683         1         \$ 9.97           \$ -         1         \$           \$ 1         \$         \$ 13.78           \$ 0.1021         39         \$ 4.01           \$ 1.3.78         \$ 13.78           \$ 0.1021         39         \$ 4.01           \$ 1.3.78         \$ 13.78           \$ 1.3.78         \$ 1</td> <td>KWh kW           Rate (\$)         Volume         Charge (\$)         Rate (\$)           \$ 3.81         1         \$ 3.81         \$ 3.81           \$ 9.9683         1         \$ 9.97         \$ 10.0979           \$ -         1         \$ -         \$ -           \$ 0.9683         1         \$ 9.97         \$ 10.0979           \$ -         1         \$ -         \$ -           \$ 13.78         -         \$ -         \$ -           \$ 13.78         -         \$ -         \$ 0.0652           \$ 0.1021         39         \$ 4.01         \$ 0.1021           \$ 13.78         -         \$ 0.5625         \$ 0.5625           \$ 0.1698         1         \$ 0.17         \$ 0.1621           \$ -         \$ 1.7.96         -         \$ -           \$ 1.4787         1         \$ 1.48         \$ 1.5123           \$ 1.0727         1         \$ 1.07         \$ 1.1891           \$ 0.0044         739         \$ 3.25         \$ 0.0044           \$ 0.0007         700         \$ 0.49         \$ 0.0070           \$ 0.2500         1         \$ 0.25         \$ 0.25           \$ 0.0800         448         \$ 35.84         \$ 0.00</td> <td>kWh kW           kWh kW         KWh           kWh kW         Rate         Proposed           Rate (\$)         Volume         Charge (\$)         Rate         Volume           \$         3.81         \$         3.81         \$         3.86         1           \$         9.9683         1         \$         9.97         \$         10.0979         1           \$         -         1         \$         -         \$         0.0652         1           \$         0.1021         39         \$         4.01         \$         0.1021         39           \$         0.1021         39         \$         4.01         \$         0.1021         39           \$         0.1021         39         \$         4.01         \$         0.1021         39           \$         0.1698         1         \$         0.17         \$         0.168         1           \$         1         \$         -         \$         0.17         \$         0.168         1           \$         0.1698         1         \$         0.17         \$         0.189         1           \$         0.1797&lt;</td> <td>kWh kW           kWh kW           Rate (\$)         Proposed           Rate (\$)         Volume         Charge (\$)         Rate (\$)         Proposed           \$         3.81         1         \$         3.81         \$         3.86         1         \$           \$         9.9683         1         \$         9.97         \$         10.0979         1         \$           \$         9.9683         1         \$         9.97         \$         10.0979         1         \$           \$         -         1         \$         -7         \$         0.0652         1         \$           \$         0.1021         39         \$         4.01         \$         0.1021         39         \$           \$         0.1698         1         \$         0.17         \$         0.1698         1         \$           \$         0.1698         1         \$         -1         \$         -         \$         \$           \$         0.1698         1         \$         1         \$         1         \$           \$         0.1698         1         \$         0.17</td> <td>kWh kW         kWh           kWh         kW           kWh         kW           kW         Current Board-Approved         Proposed         Charge         Rate         Volume         Charge         (\$)         Volume         Charge         (\$)         Sast         Sast<td>KWh kW           kWh         kW           kW         Charge         Proposed         Imp           Rate         Volume         Charge         (\$)         S         &lt;</td></td>	KWh kW           Rate (\$)         Volume         Charge (\$)           \$ 3.81         1         \$ 3.81           \$ 9.9683         1         \$ 9.97           \$ -         1         \$           \$ 0.9683         1         \$ 9.97           \$ -         1         \$           \$ 1         \$         \$ 13.78           \$ 0.1021         39         \$ 4.01           \$ 1.3.78         \$ 13.78           \$ 0.1021         39         \$ 4.01           \$ 1.3.78         \$ 13.78           \$ 1.3.78         \$ 1	KWh kW           Rate (\$)         Volume         Charge (\$)         Rate (\$)           \$ 3.81         1         \$ 3.81         \$ 3.81           \$ 9.9683         1         \$ 9.97         \$ 10.0979           \$ -         1         \$ -         \$ -           \$ 0.9683         1         \$ 9.97         \$ 10.0979           \$ -         1         \$ -         \$ -           \$ 13.78         -         \$ -         \$ -           \$ 13.78         -         \$ -         \$ 0.0652           \$ 0.1021         39         \$ 4.01         \$ 0.1021           \$ 13.78         -         \$ 0.5625         \$ 0.5625           \$ 0.1698         1         \$ 0.17         \$ 0.1621           \$ -         \$ 1.7.96         -         \$ -           \$ 1.4787         1         \$ 1.48         \$ 1.5123           \$ 1.0727         1         \$ 1.07         \$ 1.1891           \$ 0.0044         739         \$ 3.25         \$ 0.0044           \$ 0.0007         700         \$ 0.49         \$ 0.0070           \$ 0.2500         1         \$ 0.25         \$ 0.25           \$ 0.0800         448         \$ 35.84         \$ 0.00	kWh kW           kWh kW         KWh           kWh kW         Rate         Proposed           Rate (\$)         Volume         Charge (\$)         Rate         Volume           \$         3.81         \$         3.81         \$         3.86         1           \$         9.9683         1         \$         9.97         \$         10.0979         1           \$         -         1         \$         -         \$         0.0652         1           \$         0.1021         39         \$         4.01         \$         0.1021         39           \$         0.1021         39         \$         4.01         \$         0.1021         39           \$         0.1021         39         \$         4.01         \$         0.1021         39           \$         0.1698         1         \$         0.17         \$         0.168         1           \$         1         \$         -         \$         0.17         \$         0.168         1           \$         0.1698         1         \$         0.17         \$         0.189         1           \$         0.1797<	kWh kW           kWh kW           Rate (\$)         Proposed           Rate (\$)         Volume         Charge (\$)         Rate (\$)         Proposed           \$         3.81         1         \$         3.81         \$         3.86         1         \$           \$         9.9683         1         \$         9.97         \$         10.0979         1         \$           \$         9.9683         1         \$         9.97         \$         10.0979         1         \$           \$         -         1         \$         -7         \$         0.0652         1         \$           \$         0.1021         39         \$         4.01         \$         0.1021         39         \$           \$         0.1698         1         \$         0.17         \$         0.1698         1         \$           \$         0.1698         1         \$         -1         \$         -         \$         \$           \$         0.1698         1         \$         1         \$         1         \$           \$         0.1698         1         \$         0.17	kWh kW         kWh           kWh         kW           kWh         kW           kW         Current Board-Approved         Proposed         Charge         Rate         Volume         Charge         (\$)         Volume         Charge         (\$)         Sast         Sast <td>KWh kW           kWh         kW           kW         Charge         Proposed         Imp           Rate         Volume         Charge         (\$)         S         &lt;</td>	KWh kW           kWh         kW           kW         Charge         Proposed         Imp           Rate         Volume         Charge         (\$)         S         <

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Current Board-Approved         Proposed         Impact           Nonthly Service Charge         \$         0.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.46         \$         4.54         \$         0.00         \$         1.30%         \$         9.054.66         \$         1.16.2         1.30%         \$         9.013.54         \$         7.062         0.79%         \$         1.500         \$         9.013.54         \$         70.62         0.79%         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.0506         \$         9.042.70	Customer Class: STREET LI		SERVICE CLASSIFICATIO	ON										
Demand         600 10561 10561 10561 No         We Proposed/Approved Loss Factor 10561 No           Proposed/Approved Loss Factor 10561 No         Current Board-Approved (\$)         Proposed (\$)         Proposed (\$)         Impact (\$)         Impact (\$)           Monthly Service Charge Detribution Volumetric Rate Fixed Rate Riders Sub-Total A lexcluding pass through)         \$         Current Board-Approved (\$)         Proposed (\$)         Proposed (\$)         Impact (\$)         Impact (\$)         Impact (\$)         Schange (\$)         Volume (\$)         Schange (\$)         Volumetric (\$)         No           Detribution Volumetric Rate Fixed Rate Riders Sub-Total A lexcluding pass through)         \$         4.48         1         4.44         5         4.54         1         5         6.00         9.054.66         45.66           Sub-Total A lexcluding pass through)         -         5         -         -         5         -         6.00         5         9.013.54         \$         -         0.0796           Due Total A lexcluding pass through)         -         5         -         6.00         \$         9.042.70         \$         -         1         5         -         0.0796           Sub-Total B - Distribution (Includes Sub- Total B - Distribu														
Current Loss Factor Index Olean Energy Benefit Appiled?           No           Current Board-Approved         Proposed         Impact Science	Consumption 182,0	00 kWh	1											
Proposed/Approved Loss Factor 1.0561 Noticio Clean Energy Benefit Applied?         1.0561 Noticio           Rate         Volume         Charge         Rate         Volume         Charge         Kate           Monthly Service Charge         \$         4.48         1         5         4.48         5         5.911         600         5         9.646         5         1.33%           Distribution Volumetric Rate Fixed Rate Riders         \$         14.874         600         \$         8.938.45         5.5.911         600         \$         9.013.54         \$         0.06         1.33%           Volumetric Rate Riders         \$         -         600         \$         -         \$         0.06         \$         4.566         \$         4.566           Sub-Total A (excluding pass through)         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         -         \$         -         \$         -         \$         -         \$         -         \$         -         -         \$         -         -         \$	Demand 6	00 kW												
Ontario Clean Energy Benefit Applied?         No           Current Board-Approved         Proposed         Impact           Rate         Volume         Charge         Rate         Volumetic           Monthly Service Charge         \$ 4.48         1         \$ 4.48         \$ 4.48         \$ 4.48         \$ 4.54         1         \$ 4.54         \$ 0.06         1.34%           Volumetic Rate         \$ 14.8974         600         \$ 8,938.44         \$ 15.0911         600         \$ 9,054.66         \$ 116.22         1.34%           Volumetic Rate Riders         \$ 14.8974         600         \$ 8,938.44         \$ 15.0911         600         \$ 9,054.66         \$ 116.22         1.34%           Volumetic Rate Riders         \$ 0.0761         600         \$ 0.7661         600         \$ 45.66         \$ 0.79%           Unite Losses on Cost of Power         \$ 0.0761         \$ 0.0761         \$ 0.0761         \$ 0.0761         \$ 0.0761         \$ 0.0761           Smart Meet Entity Charge         \$ 0.1663         600         \$ 0.78%         \$ 0.1663         600         \$ 0.78%         \$ 0.1663         600         \$ 0.786         \$ 0.0276         \$ 2.004         2.27%           Total Defranzivo famato famoto functudes Sub-         \$ 1.9200         \$ 88.72	Current Loss Factor 1.0	561												
Current Board-Approved         Proposed         Impact           Nonthly Service Charge         \$         0.1         \$         0.1         \$         0.1         \$         0.1         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.3         0.0         1.6         0.0         5         1.6         0.0         5         1.3         0.0         5         1.3         0.0         5         1.3         0.0         5         1.6         5         0.0         5         1.6         5         0.0         5         1.5         0.0         5         1.6         5         1.5         0.0         5         1.5         0.0         5         1.5         1.5         0.0         5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         0.0         5         1.5         1.5         0.0         5         1.5         1.5         1.5         1.5         1.5         1.5         1.5	Proposed/Approved Loss Factor 1.0	561												
Rate (s)         Charge (s)         Rate (s)         Charge (s)         Rate (s)         Volume (s)         Charge (s)         Charge (s)         Charge (s)         S Charg	Ontario Clean Energy Benefit Applied? No													
Rate (s)         Charge (s)         Rate (s)         Charge (s)         Rate (s)         Volume (s)         Charge (s)         Charge (s)         Charge (s)         S Charg														
(s)         (s) <td></td> <td></td> <td></td> <td></td> <td>ed</td> <td></td> <td></td> <td>5 /</td> <td></td> <td></td> <td></td> <td>⊢</td> <td>Imp</td> <td>act</td>					ed			5 /				⊢	Imp	act
Distribution Volumetric Rate         \$         14.8974         600         \$         8,938.44         \$         15.0911         600         \$         9,054.66         \$         11.622         1.30%           Fixed Rate Riders         \$         -         0.0761         600         \$         9,054.66         \$         45.66         \$         10.220         \$         10.220         \$         10.200         \$         10.200         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.152.00         \$         1.222.62         1.352.00         \$         1.222.62         1.352.00         \$ <td></td> <td></td> <td></td> <td>Volume</td> <td></td> <td></td> <td></td> <td>(\$)</td> <td>Volume</td> <td></td> <td>(\$)</td> <td></td> <td>\$ Change</td> <td>% Change</td>				Volume				(\$)	Volume		(\$)		\$ Change	% Change
Fixed Rate Riders       \$       -       1       \$       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7       5       -       7	Monthly Service Charge						\$							
Volumetric Rate Riders         \$         -         600         \$         -         \$         0.0761         600         \$         45.66         \$         45.66           Sub-Total A (excluding asstrough)         \$         -         \$         -         \$         \$         9,013.54         \$         70.62         0.079/           Total Deferral/Variance Account Rate Riders         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         \$         -         0.00%         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00 <td></td> <td></td> <td>14.8974</td> <td>600</td> <td></td> <td>8,938.44</td> <td>\$</td> <td>15.0911</td> <td>600</td> <td>\$</td> <td>9,054.66</td> <td>\$</td> <td>116.22</td> <td>1.30%</td>			14.8974	600		8,938.44	\$	15.0911	600	\$	9,054.66	\$	116.22	1.30%
Sub-Total A (excluding pass through)         \$ 9,013.54         \$ 70.62         0.79%           Line Losses on Cost Power         \$ -<			-			-	\$	-	1	\$	-	\$	-	
Line Losses on Cost of Power         \$         -         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,152.00         \$         1,055.78         1		\$	-	600		-	-\$	0.0761	600	<u> </u>		-\$		
Total Deferral/Variance Account Rate Riders         \$         -         600         \$         -         \$         1.9200         600         \$         1,152.00         \$         1,152.00           Riders         \$         0.1663         600         \$         99.78         \$         1         \$         -         1         \$         -         1         \$         -         1         \$         -         1         \$         -         1         \$         -         1         \$         -         \$         0.00%           Smart Meter Entity Charge (if applicable)         \$         -         1         \$         -         \$         1.0266.32         \$         1.022.02         13.52%           Tratal A         \$         1.4712         600         \$         882.72         \$         1.0506         600         \$         698.76         \$         68.40         10.85%           Sub-Total C- Delivery (including Sub- Tratal B)         -         \$         10,555.78         -         \$         11,866.84         \$         1,311.06         12.42%           Wholesale Market Service Charge         \$         0.004         192.210         \$         845.72         \$         0.00% <td></td> <td></td> <td></td> <td></td> <td></td> <td>8,942.92</td> <td></td> <td></td> <td></td> <td></td> <td>9,013.54</td> <td>\$</td> <td>70.62</td> <td>0.79%</td>						8,942.92					9,013.54	\$	70.62	0.79%
Riders       5       -       600       5       -       5       1.9200       600       5       1,152.00       5       1,000       5       1,152.00       5       1,152.00       5       1,152.00       5       1,152.00       5       1,152.00       5       1,152.00       5		\$	-		\$	-	\$	-	-	\$	-	\$	-	
Riders Low Voltage Service Charge       \$       0.1663       600       \$       99.78       \$       0.1663       600       \$       99.78       \$       0.00%         Smart Meter Entity Charge (if applicable)       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       1       \$       -       \$       1       0.00%         Sub-Total B - Distribution (includes Sub- Total A)       \$       1.4712       600       \$       882.72       \$       1.5046       600       \$       99.78       \$       0.00%       2.27%         RTSR - Connection and/or Line and Transformation Connection       \$       1.0506       6000       \$       630.36       \$       1.1646       6000       \$       99.78       \$       0.004       10.257.78       \$       1.1646       6000       \$       99.78       \$       0.00%         Sub-Total B - Distribution (including Sub- Total B)       \$       0.0044       192.210       \$       845.72       \$       0.007       845.72       \$       0.00% <td></td> <td>s</td> <td>-</td> <td>600</td> <td>\$</td> <td></td> <td>\$</td> <td>1.9200</td> <td>600</td> <td>\$</td> <td>1.152.00</td> <td>\$</td> <td>1.152.00</td> <td></td>		s	-	600	\$		\$	1.9200	600	\$	1.152.00	\$	1.152.00	
Smart Meter Entity Charge (if applicable)       \$       1       \$       \$       1       \$       \$       1       \$       \$       \$       1       \$       \$       \$       1       \$       \$       \$       \$       \$       1       \$ </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>Ţ</td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td>.,</td> <td></td>		-					Ţ					•	.,	
Sub-Total B - Distribution (includes Sub- Total A) RTSR - Network         \$ 1.4712         600         \$ 882.72         \$ 1.5046         600         \$ 902.76         \$ 20.04         2.27%           RTSR - Network         \$ 1.0506         600         \$ 630.36         \$ 1.1646         600         \$ 902.76         \$ 20.04         2.27%           RTSR - Network         \$ 1.0506         600         \$ 630.36         \$ 1.1646         600         \$ 688.76         \$ 68.40         10.85%           Sub-Total C - Delivery (including Sub- Transformation Connection         \$ 0.0044         192,210         \$ 845.72         \$ 0.0044         192,210         \$ 845.72         \$ 0.0013         192,210         \$ 845.72         \$ 0.0014         192,210         \$ 845.72         \$ 0.0014         192,210         \$ 845.72         \$ 0.0013         192,210         \$ 845.72         \$ 0.0014         192,210         \$ 845.72         \$ 0.0070         \$ 0.0013         192,210         \$ 845.72         \$ 0.0070         \$ 0.0070         \$ 249.87         \$ 0.0070         \$ 0.0070         \$ 0.255         \$ 0.0070         \$ 0.255         \$ 0.0070         \$ 1.146.60         900.00%           Standard Supply Service Charge         \$ 0.0057         \$ 18,336.85         \$ 0.0070         \$ 1.274.00         \$ 1.146.60         900.00%			0.1663				\$	0.1663			99.78		-	0.00%
Total A)         \$ 9,42.70         \$ 10,205.32         \$ 1,222.62         13.32%           RTSR - Network         \$ 1.4712         600         \$ 882.72         \$ 1.5046         600         \$ 902.76         \$ 20.04         2.27%           RTSR - Connection and/or Line and Transformation Connection         \$ 1.0506         600         \$ 630.36         \$ 1.646         600         \$ 698.76         \$ 20.04         2.27%           Sub-Total C - Delivery (including Sub- Total BI         \$ 10,555.78         \$ 11,866.84         \$ 1,311.06         12.42%           Wholesale Market Service Charge (WMSC)         \$ 0.0014         192,210         \$ 845.72         \$ 0.0014         192,210         \$ 845.72         \$ 0.0013         192,210         \$ 249.87         \$ 0.0013         192,210         \$ 249.87         \$ 0.255         1 \$ 0.25         \$ 0.00%           Standard Supply Service Charge (MRRP)         \$ 0.0007         1 \$ 0.25         \$ 0.250         1 \$ 0.25         \$ 0.0070         1 \$ 0.25         \$ 0.00%           Standard Supply Service Charge (DESP)         \$ 0.0954         192,210         \$ 18,336.85         \$ 0.0954         192,210         \$ 13,2000         \$ 1,274.00         \$ 1,146.60         900.00%           Otherage IESO Wholesale Market Price         \$ 0.0954         192,210         \$ 18,336.85		\$	-	1	\$		\$	-	1	\$	-	\$	-	
Total A) RTSR - Network         \$         1.4712         600         \$         882.72         \$         1.5046         600         \$         902.76         \$         2.0.04         2.27%           RTSR - Network         \$         1.0506         600         \$         633.36         \$         1.1646         600         \$         902.76         \$         20.04         2.27%           RTSR - Network         \$         1.0506         600         \$         633.36         \$         1.1646         600         \$         698.76         \$         68.40         10.85%           Sub-Total C - Delivery (including Sub- Total B)         -         \$         0.0044         192,210         \$         845.72         \$         0.0044         192,210         \$         845.72         \$         -         0.00%           Rural and Remote Rate Protection (RRRP)         \$         0.0013         192,210         \$         845.72         \$         -         0.00%         \$         1.146.60         900.00%         \$         0.00%         \$         1.274.00         \$         1.146.60         900.00%         \$         1.146.60         900.00%         \$         1.274.00         \$         1.146.60         900.00%	•				\$	9,042.70				\$	10,265.32	\$	1,222.62	13.52%
RTSR - Connection and/or Line and Transformation Connection       \$       1.0506       600       \$       630.36       \$       1.1646       600       \$       698.76       \$       684.0       10.85%         Sub-Total EN       S       0.0044       192,210       \$       630.36       \$       1.1646       600       \$       698.76       \$       684.0       10.85%         Wholesale Market Service Charge       \$       0.0044       192,210       \$       845.72       \$       0.0044       192,210       \$       845.72       \$       0.0013       192,210       \$       845.72       \$       0.0070       \$       249.87       \$       0.0013       192,210       \$       845.72       \$       0.0070       \$       249.87       \$       0.0013       192,210       \$       845.72       \$       0.0070       \$       249.87       \$       0.0070       182,000       \$       1,274.00       \$       1,146.60       900.00%       \$       0.0070       182,000       \$       1,274.00       \$       1,146.60       900.00%       \$       0.00%       \$       0.00%       \$       0.00%       \$       0.00%       \$       0.00%       \$       0.00%       \$       <			1 1710	000	Ċ	, , , , , , , , , , , , , , , , , , , ,	*	4 5040	000	¢			. 00.04	0.070/
Transformation Connection         \$         1.0506         600         \$         630.36         \$         1.1646         600         \$         688.76         \$         68.40         10.85%           Sub-Total C - Delivery (including Sub- Total B)         \$         10,555.78         \$         11,866.84         \$         1,131.06         12.42%           Wholesale Market Service Charge (WMSC) Rural and Remote Rate Protection (RRRP)         \$         0.0013         192,210         \$         845.72         \$         0.0013         192,210         \$         845.72         \$         249.87         \$         0.00%           Standard Supply Service Charge Debt Retirement Charge (DRC)         \$         0.2500         1         \$         0.255         \$         0.25         \$         0.25         \$         0.25         \$         0.25         \$         0.00%         \$         1,146.60         900.00%         \$         0.00%         \$         1,274.00         \$         1,146.60         900.00%         \$         0.255         \$         0.25         \$         0.25         \$         0.00%         \$         1,146.60         900.00%         \$         1,274.00         \$         1,146.60         900.00%         \$         2.27         \$		\$	1.4712	600	\$	882.72	\$	1.5046	600	\$	902.76	\$	20.04	2.27%
Sub-Total C - Delivery (including Sub- Total B)         \$ 10,555.78         \$ 11,866.84         \$ 1,311.06         12.42%           Wholesale Market Service Charge (WMSC)         \$ 0.0044         192,210         \$ 845.72         \$ 0.0044         192,210         \$ 845.72         \$ 0.0044         192,210         \$ 845.72         \$ 0.0044         192,210         \$ 845.72         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0013         192,210         \$ 249.87         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 0.0070         \$ 1.274.00		\$	1.0506	600	\$	630.36	\$	1.1646	600	\$	698.76	\$	68.40	10.85%
Trata B)         Total B)										•				
Wholesale Market Service Charge       \$       0.0044       192,210       \$       0.0044       192,210       \$       845.72       \$       845.72       \$       845.72       \$       845.72       \$       0.00%         KWMSC) (WMSC) (RRRP)       \$       0.0013       192,210       \$       249.87       \$       0.001       192,210       \$       249.87       \$       249.87       \$       0.00%         KRRP)       \$       0.0013       192,210       \$       0.025       \$       0.25       \$       0.25       \$       0.25       \$       0.00%         Standard Supply Service Charge       \$       0.250       1       \$       0.255       \$       0.25       \$       0.25       \$       0.25       \$       0.00%         Standard Supply Service Charge       \$       0.250       1       \$       0.255       \$       0.25       \$       1.146.60       900.00%         Charge IESO Wholesale Market Price       \$       0.0954       192,210       \$       182,306.85       \$       0.0954       192,210       \$       18,336.85       \$       -       0.00%         Charge IESO Wholesale Market Price       \$       0.0954       192,210 <t< td=""><td></td><td></td><td></td><td></td><td>\$</td><td>10,555.78</td><td></td><td></td><td></td><td>\$</td><td>11,866.84</td><td>\$</td><td>1,311.06</td><td>12.42%</td></t<>					\$	10,555.78				\$	11,866.84	\$	1,311.06	12.42%
Kinglight of the state Protection (RRRP)         \$         0.0013         192,210         \$         249.87         \$         0.0013         192,210         \$         249.87         \$         0.00% <th< td=""><td>Wholesale Market Service Charge</td><td>¢</td><td>0.0044</td><td>400.040</td><td>¢</td><td>0.45 70</td><td>•</td><td>0.0044</td><td>400.040</td><td>¢</td><td>0.45 70</td><td>¢</td><td></td><td>0.00%</td></th<>	Wholesale Market Service Charge	¢	0.0044	400.040	¢	0.45 70	•	0.0044	400.040	¢	0.45 70	¢		0.00%
KRRP)       \$       0.0013       192,210       \$       249.87       \$       0.0013       192,210       \$       249.87       \$       0.00% <td>(WMSC)</td> <td>Þ</td> <td>0.0044</td> <td>192,210</td> <td>Э</td> <td>845.72</td> <td>Þ</td> <td>0.0044</td> <td>192,210</td> <td>Ф</td> <td>845.72</td> <td>Э</td> <td>-</td> <td>0.00%</td>	(WMSC)	Þ	0.0044	192,210	Э	845.72	Þ	0.0044	192,210	Ф	845.72	Э	-	0.00%
(RRRP)         (RRRP)         (RRRP)         (RRP)	Rural and Remote Rate Protection		0.0013	102 210	¢	240.97	•	0.0012	102 210	¢	240.97	¢		0.009/
Debt Retirement Charge (DRC)         \$         0.0007         182,000         \$         1,274.00         \$         1,146.60         900.00%           Ontario Electricity Support Program (OESP)         \$         0.0954         192,210         \$         192,210         \$         1,274.00         \$         1,146.60         900.00%           Average IESO Wholesale Market Price         \$         0.0954         192,210         \$         18336.85         \$         0.0954         192,210         \$         18,336.85         \$         0.00%           Total Bill on Average IESO Wholesale Market Price         \$         30,115.88         \$         3,915.06         13%         \$         4,234.56         \$         319.50         8.16%           Total Bill (including HST)         \$         34,030.95         \$         -         5         -         0.00%         8.16% <td>(RRRP)</td> <td>Þ</td> <td>0.0013</td> <td>192,210</td> <td>φ</td> <td>249.07</td> <td>φ</td> <td>0.0013</td> <td>192,210</td> <td>φ</td> <td>249.07</td> <td>Φ</td> <td>-</td> <td>0.00%</td>	(RRRP)	Þ	0.0013	192,210	φ	249.07	φ	0.0013	192,210	φ	249.07	Φ	-	0.00%
Ontario Electricity Support Program (OESP)         \$         192,210         \$         -         192,210         \$         -         \$         -         0.00%           Average IESO Wholesale Market Price         \$         0.0954         192,210         \$         18,336.85         \$         0.00%         192,210         \$         18,336.85         \$         0.00%           Total Bill on Average IESO Wholesale Market Price         \$         30,115.88         \$         32,573.54         \$         2,457.66         8.16%           HST         13%         \$         3,915.06         13%         \$         4,234.56         \$         319.50         8.16%           Ontario Clean Energy Benefit <sup>1</sup> \$         -          \$         2,777.16         8.16%	Standard Supply Service Charge			1			\$		1	\$		\$	-	
(OESP) Average IESO Wholesale Market Price         \$ 0.0954         192,210         \$ -         192,210         \$ -         5 -         5 -         0.00%           Total Bill on Average IESO Wholesale Market Price HST Total Bill (including HST) Ontario Clean Energy Benefit 1         13%         \$ 30,115.88 \$ 3,915.06         13%         \$ 4,234.56 \$ 34,030.95         \$ 319.50 \$ 36,808.10         \$ 2,777.16         8.16%		\$	0.0007	182,000	\$	127.40	\$	0.0070	182,000	\$	1,274.00	\$	1,146.60	900.00%
COESP) Average IESO Wholesale Market Price         \$         0.0954         192,210         \$         18,336.85         \$         0.00%           Total Bill on Average IESO Wholesale Market Price         192,210         \$         18,336.85         \$         192,210         \$         18,336.85         \$         0.00%           Total Bill on Average IESO Wholesale Market Price         \$         30,115.88         \$         32,573.54         \$         2,457.66         8.16%           HST         13%         \$         3,915.06         13%         \$         4,234.56         \$         319.50         8.16%           Ontario Clean Energy Benefit <sup>1</sup> \$         -         -         -         -         -         -         -         -         -         8         2,777.16         8.16%							\$	-	192 210	\$	-	\$	-	
State         State <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Ψ</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></th<>							Ψ					-		
HST 13% \$ 3,915.06 13% \$ 4,234.56 \$ 319.50 8.16% Total Bill (including HST) \$ 34,030.95 \$ 36,808.10 \$ 2,777.16 8.16% Ontario Clean Energy Benefit <sup>1</sup>	Average IESO Wholesale Market Price	\$	0.0954	192,210	\$	18,336.85	\$	0.0954	192,210	\$	18,336.85	\$	-	0.00%
HST 13% \$ 3,915.06 13% \$ 4,234.56 \$ 319.50 8.16% Total Bill (including HST) \$ 34,030.95 \$ 36,808.10 \$ 2,777.16 8.16% Ontario Clean Energy Benefit <sup>1</sup> \$ -	Tatal Bill on Avenue IECO Whateaste Market Bries	_			¢	20 115 99				¢	22 572 54	¢	2 457 66	9.469/
Total Bill (including HST)         \$ 34,030.95         \$ 36,808.10         \$ 2,777.16         8.16%           Ontario Clean Energy Benefit <sup>1</sup> \$ -         -			100/		\$			100/						
Ontario Clean Energy Benefit <sup>1</sup>			13%		¢			13%		-				
					ф Ф	34,030.95				Ф	30,808.10	Э	2,111.16	8.16%
	Ontario Clean Energy Benefit Total Bill on Average IESO Wholesale Market Price				ф \$	34,030.95				\$	26 909 40	¢	2,777.16	8.16%
Total Bill on Average IESO Wholesale Market Price         \$ 34,030.95         \$ 36,808.10         \$ 2,777.16         8.16%	Total Bill of Average 1230 Wholesale Market Price				÷.	34,030.95				\$	30,808.10	Ŷ	2,111.10	0.10%

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Customer Class: RE RPP / Non-RPP: RP		SERVIC	E CLASSIFICATION		1									
Consumption		kWh			1									
Demand		kW												
Current Loss Factor	1.0561	KVV												
Proposed/Approved Loss Factor	1.0561													
Ontario Clean Energy Benefit Applied?	Yes													
				oard-Approv	ed			<b>D</b> (	Proposed		<i></i>		Imp	act
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	\$ CI	nange	% Change
Monthly Service Charge		\$	14.02	1	\$	14.02	\$	17.60	1	\$	17.60	\$	3.58	25.5
Distribution Volumetric Rate		\$	0.0167	321	\$	5.36	\$	0.0127	321	\$	4.08	-\$	1.28	-23.9
Fixed Rate Riders		\$	2.56	1	\$	2.56	\$	2.48	1	\$		-\$	0.08	-3.1
Volumetric Rate Riders		\$	-	321	\$	-	\$	0.0005	321		0.16		0.16	
Sub-Total A (excluding pass through)					\$	21.94				\$		\$	2.38	10.8
Line Losses on Cost of Power		\$	0.1021	18	\$	1.84	\$	0.1021	18	\$	1.84	\$	-	0.0
Total Deferral/Variance Account Rate Riders		\$	-	321	\$	-	-\$	0.0015	321	-\$	0.48	-\$	0.48	
Low Voltage Service Charge		\$	0.0006	321	\$	0.19	\$	0.0006	321	\$	0.19	\$	-	0.0
Smart Meter Entity Charge (if applicable)		\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.0
Sub-Total B - Distribution (includes Sub-					\$	24.76				\$	26.66	\$	1.90	7.6
Total A)		•	0.0051		•	-	•	0.0055		•		•		-
RTSR - Network RTSR - Connection and/or Line and		\$	0.0054	339	\$	1.83	\$	0.0055	339	\$	1.86	\$	0.03	1.8
Transformation Connection		\$	0.0038	339	\$	1.29	\$	0.0042	339	\$	1.42	\$	0.14	10.5
Sub-Total C - Delivery (including Sub-														
Total B)					\$	27.88				\$	29.95	\$	2.06	7.4
Wholesale Market Service Charge (WMSC)		\$	0.0044	339	\$	1.49	\$	0.0044	339	\$	1.49	\$	-	0.0
Rural and Remote Rate Protection					_		•			•		•		
(RRRP)		\$	0.0013	339	\$	0.44	\$	0.0013	339	\$	0.44	\$	-	0.0
Standard Supply Service Charge		\$	0.2500	1	\$	0.25	\$	0.25	1	\$		\$	-	0.0
Debt Retirement Charge (DRC)		\$	0.0007	321	\$	0.22	\$	-	321	\$	-	-\$	0.22	-100.0
Ontario Electricity Support Program							\$	-	339	\$	-	\$	-	
(OESP)		s	0.0000	005		46.11	,	0.0000		•	10.44	•		
TOU - Off Peak		+	0.0800	205 58	\$ \$	16.44	\$	0.0800 0.1220		\$ \$		\$ \$		0.0 0.0
TOU - Mid Peak TOU - On Peak		\$ \$	0.1220 0.1610	58 58	ծ Տ	7.05 9.30	\$ \$	0.1220	58 58	Դ Տ	7.05 9.30		-	0.0
	_	\$	0.1610	58	ð	9.30	Þ	0.1010	58	ð	9.30	φ	-	0.0
Total Bill on TOU (before Taxes)					\$	63.08				\$	64.92	\$	1.84	2.9
HST			13%		\$	8.20		13%		\$		\$	0.24	2.9
Total Bill (including HST)					\$	71.28				\$	73.35	\$	2.08	2.9
Ontario Clean Energy Benefit <sup>1</sup>					-\$	7.13								
Total Bill on TOU					\$	64.15				\$	73.35	*	9.21	14.3

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 800 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for non-rpp (retailer) as well. To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (In other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distributions issued July 16, 2015.

For certain classes where one or more customers have unique consumption and demand patterns and which may be significantly impacted by the proposed rate changes, the distributor must show a typical comparison, and provide an explanation.

Customer Class:	RESIDENTIAI	SERVIC	E CLASSIFICATION											
RPP / Non-RPP:	Non-RPP (Reta	iler)												
Consumption		kWh												
Demand	-	kW												
Current Loss Factor	1.0561													
Proposed/Approved Loss Factor	1.0561	1												
Ontario Clean Energy Benefit Applied?	Yes													
			Current B	oard-Approve	ed		T		Proposed				Imp	act
			Rate (\$)	Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	¢	Change	% Change
Monthly Service Charge		\$	14.02	1	\$	14.02	\$	17.60	1	\$	17.60		3.58	25.53%
Distribution Volumetric Rate		ŝ	0.0167	321	ŝ	5.36		0.0127	321	ŝ	4.08		1.28	-23.95%
Fixed Rate Riders		ŝ	2.56	1	Ŝ	2.56	\$	2.48	1	\$	2.48		0.08	-3.13%
Volumetric Rate Riders		Ś	-	321	\$	-	\$	0.0005	321	\$	0.16	\$	0.16	
Sub-Total A (excluding pass through)					\$	21.94				\$	24.32	\$	2.38	10.83%
Line Losses on Cost of Power		\$	0.0954	18	\$	1.72	\$	0.0954	18	\$	1.72	\$	-	0.00%
Total Deferral/Variance Account Rate Riders		\$	-	321	\$	-	\$	0.0121	321	\$	3.88	\$	3.88	
Low Voltage Service Charge		\$	0.0006	321	\$	0.19	\$	0.0006	321	\$	0.19	\$	-	0.00%
Smart Meter Entity Charge (if applicable)		\$	0.7900	1	\$	0.79	\$	0.7900	1	\$	0.79	\$	-	0.00%
Sub-Total B - Distribution (includes Sub-					\$	24.64				\$	30.90	\$	6.26	25.41%
Total A)					·					•		•		
RTSR - Network RTSR - Connection and/or Line and		\$	0.0054	339	\$	1.83	\$	0.0055	339	\$	1.86	\$	0.03	1.85%
Transformation Connection		\$	0.0038	339	\$	1.29	\$	0.0042	339	\$	1.42	\$	0.14	10.53%
Sub-Total C - Delivery (including Sub- Total B)					\$	27.76				\$	34.19	\$	6.43	23.16%
Wholesale Market Service Charge					<u>^</u>		•	0.0044		¢	4.40	•		0.000
(WMSC)		\$	0.0044	339	\$	1.49	\$	0.0044	339	\$	1.49	\$	-	0.00%
Rural and Remote Rate Protection (RRRP)		\$	0.0013	339	\$	0.44	\$	0.0013	339	\$	0.44	\$	-	0.00%
Standard Supply Service Charge		\$	0.2500	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)		ŝ	0.0007	321	ŝ	0.22		-	321	ŝ		-\$	0.22	-100.00%
Ontario Electricity Support Program		Ť			Ť					÷		•		
(OESP)							\$	-	339	\$	-	\$	-	
Non-RPP Retailer Avg. Price		\$	0.0954	321	\$	30.62	\$	0.0954	321	\$	30.62	\$	-	0.00%
Total Bill on Non-RPP Avg. Price					\$	60.79				\$			6.21	10.21%
HST			13%		\$	7.90		13%		\$	8.71	\$	0.81	10.21%
Total Bill (including HST)					\$	68.69				\$	75.71	\$	7.01	10.21%
Ontario Clean Energy Benefit <sup>1</sup>					-\$ \$	6.87					75 74	*	40.00	00 (50)
Total Bill on Non-RPP Avg. Price					\$	61.82				\$	75.71	¢	13.88	22.45%

### Orillia Power Distribution Corporation

2016 IRM Distribution Rate Application EB-2015-0024 Submitted October 19, 2015

APPENDIX E – LRAMVA Report



## Orillia Power 2011-2014 LRAMVA



## Orillia Power Distribution Corporation lost revenue related to Conservation and Demand Management

2011-2014



This document was prepared for Orillia Power Distribution Corporation by IndEco Strategic Consulting Inc.

For additional information about this document, please contact:

IndEco Strategic Consulting Inc. 77 Mowat Avenue, Suite 412 Toronto, ON, Canada M6K 3E3

Tel: 416 532-4333 E-mail: info@indeco.com

©2015 IndEco Strategic Consulting Inc.

All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the written permission of IndEco Strategic Consulting Inc.

IndEco report B5039

8 October 2015

### Contents

	······································	
Methodology		2
	lts	
Distributi	on rates	4
Lost revei	nues variance	4
Results		5
	lts	
Distributi	on rates	7
	nues	
Carrying o	harges	7
Conclusions		3
Appendix A.	CDM results reported by the IESO	
Appendix B.	CDM results breakdown by rate class	
Appendix C.	Lost revenue	

### Introduction

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

For the 2011-2014 CDM period, the Ontario Energy Board (OEB) has authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC's load forecast.<sup>1</sup>

Orillia Power Distribution Corporation contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period. Appendix A of the CDM Guidelines shows that LDCs are entitled to claim lost revenues from 2011-2014 programs in 2011-2014 as part of their 2016 rate applications.

Orillia Power Distribution Corporation has not submitted a claim for lost revenues from 2011–2014 CDM programs. This report determines the variance account balance for the following revenue losses:

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

The carrying charges on the above lost revenues through April 2016 are also reported.

<sup>&</sup>lt;sup>1</sup> *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

### Methodology

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

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

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

### CDM results

From 2011 through 2014, Orillia Power Distribution Corporation offered provincial programs in partnership with the Independent Electricity System Operator (IESO). Orillia Power Distribution Corporation did not offer custom programs beyond the IESO programs.

#### IESO evaluation results

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

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

The IESO reports energy savings and peak demand reductions, by initiative in the current year, adjustments to the previous year, based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period. The savings and demand reductions for a particular year for a number of programs persist in the following years up to and including 2014. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur.

For some programs, savings or demand reductions in a particular year persist into subsequent years, but do not persist fully through 2014. In these cases, the IESO was requested to provide estimates by year of the persistence of savings or reductions in each year.

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

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

#### Allocating results to rate classes

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

#### Application of Reported Results

As previously mentioned, the IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results.

For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the demand reductions in the IESO report may not be realized in every month. For initiatives like lighting upgrades in businesses operating during normal business hours the demand savings are likely to be maintained throughout the year, including during the customer's monthly peaks. In the case of demand response programs, in particular Demand Response 3 (DR3), the demand reduction may only apply to certain months in the year. These considerations have been factored into the lost revenue calculations.

There have been arguments advanced around the uncertainty regarding the impact of DR3 program results on LDC revenues. However, the OEB has considered these arguments and has been consistent in recent rate cases in ruling that the IESO's analyses with respect to CDM results may be used to estimate lost revenues, including those related to DR3 programs.<sup>2</sup>

#### Load reductions accounted for in the load forecast

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

### Overall impact of CDM on load, by rate class

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally the difference is calculated between the overall estimated impact on loads and the load reductions

<sup>&</sup>lt;sup>2</sup> See PowerStream 2014 rate decision, EB-2014-0108, pp. 5-6.

attributable to CDM that were captured in the most recent load forecast.

### **Distribution rates**

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

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

### Lost revenues variance

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.<sup>3</sup> The variance is the difference between these lost revenues and the quantity of CDM in the load forecast.

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

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

These lost revenues are reported by the LDC in its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

<sup>&</sup>lt;sup>3</sup> Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

### Results

Following the methodology described above, lost revenues were calculated for Orillia Power Distribution Corporation.

### CDM results

#### IESO evaluation results

CDM results reported by the IESO are in Appendix A. The Appendix consists of the following tables:

- The verified final 2011, 2012, 2013, and 2014 results for Orillia Power Distribution Corporation are shown in Table 1; and
- The adjustments to verified final 2011, 2012, and 2013 results for Orillia Power Distribution Corporation are shown in Table 2.4

The gross results were provided by the IESO, but are not included in this report, as only net results are relevant for the purposes of estimating lost revenues.

Table A-1 in Appendix A shows the persistence of 2011 results into future years. Table A-2 in Appendix A shows the persistence of 2012 results into future years. Table A-3 in Appendix A shows the persistence of 2013 results through 2014. Table A-4 in Appendix A shows the persistence of 2011 adjustments into future years. Table A-5 in Appendix A shows the persistence of 2012 adjustments into future years. Table A-6 in Appendix A shows the persistence of 2013 adjustments through 2014. The IESO has provided Orillia Power Distribution Corporation with persistence data for 2011-2014 results and 2011-2013 adjustments. The Independent Electricity System Operator (IESO) has indicated that there will not be adjustments to 2014 results in future years.

#### Allocating results to rate classes

Orillia Power Distribution Corporation provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit Incentive Program and High Performance New Construction. No allocation was provided for programs for which Orillia Power Distribution Corporation has no program results.

<sup>&</sup>lt;sup>4</sup> Verified 2011-2014 Final Results Report for Orillia Power Distribution Corporation. Independent Electricity System Operator. September 1, 2015.

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

- Residential (kWh)
- GS < 50 kW(kWh)
- GS 50 to 4,999 kW (kW)
- Standby Power (kW of nameplate capacity)
- Unmetered Scattered Load (kWh)
- Sentinel Lighting (kW)
- Street Lighting (kW)
- MicroFIT Generator (NA)

Table B-1 in Appendix B shows the percentage allocation by rate class for 2011 results and adjustments. Table B-2 in Appendix B shows the percentage allocation by rate class for 2012 results and adjustments. Table B-3 in Appendix B shows the percentage allocation by rate class for 2013 results and adjustments. Table B-4 in Appendix B shows the percentage allocation by rate class for 2014 results.

#### Load reductions accounted for in the load forecast

Orillia Power Distribution Corporation's last cost of service application was filed for the 2010 rate year. The load forecast associated with that application did not account for load losses from 2011 – 2014 CDM programs.

#### Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for Orillia Power Distribution Corporation for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs in that year, any adjustments to the results, and the persistence of the results and adjustments from previous years into that calendar year.

Table B-5 in Appendix B shows the overall impact of CDM on load, by rate class for 2011. This includes the 2011 CDM program results and adjustments to the 2011 results allocated by rate class.

Table B-6 in Appendix B shows the overall impact of CDM on load, by rate class for 2012. This includes the 2012 CDM program results and adjustments to the 2012 results plus the persistence of the 2011 program results and adjustments in 2012 allocated by rate class.

Table B-7 in Appendix B shows the overall impact of CDM on load, by rate class for 2013. This includes the 2013 CDM program results and adjustments to the 2013 results plus the persistence of the 2011 and 2012 program results and adjustments in 2013 allocated by rate class.

Table B-8 in Appendix B shows the overall impact of CDM on load, by rate class for 2014. This includes the 2014 CDM program results plus the persistence of the 2011 to 2013 program results and adjustments in 2014 allocated by rate class.

#### Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for Orillia Power Distribution Corporation are shown in Table C-1 in Appendix C. The distribution rates for the period from 1 May of each year to 30 April of the next year are pro-rated by number of months to each calendar year in the 2011 to 2014 time period.

#### Lost revenues

The lost revenues for each year by rate class for Orillia Power Distribution Corporation calculated from final CDM program results are shown in Table C-2 in Appendix C. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year.

The lost revenue for 2011-2014 is based on final verified results provided by the IESO.

#### Carrying charges

The monthly carrying charges by rate class on Orillia Power Distribution Corporation's lost revenue variance are shown on Table C-3 in Appendix C. The carrying charges are reported monthly, from the time the lost revenues resulted, through to April 30, 2016.

### Conclusions

The LRAMVA balance at the end of December 2014 for Orillia Power Distribution Corporation that includes results from 2011 to 2014 CDM programs and adjustments to 2011 to 2013 results is \$288,164.69. The total carrying charges on this LRAMVA balance accumulated to April 30, 2016 are \$11,688.38. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$48,191.43	\$1,755.86	\$49,947.29
GS < 50 kW	\$70,755.92	\$2,652.84	\$73,408.76
GS 50 to 4,999 kW	\$169,217.34	\$7,279.68	\$176,497.02
Totals	\$288,164.69	\$11,688.38	\$299,853.07

NOTE: There is no LRAMVA or carrying charge associated with rate classes not included in this table. The Standby Power rate class consists of a bill adder applied to customers in the GS 50 to 4,999 kW rate class. Thus, the CDM revenue impacts associated with the Standby Power rate class have been added to the GS 50 to 4,999 kW rate class.

Appendix A.CDM results reported by the IESO

				tal Activity				Demand Saving			et Incremental Er			Program-to-Date Verif (exclud	les DR)
Initiative	Unit	(new prog	-	curring within th g period)	he specified	(new peak o	demand saving specified repo	s from activity orting period)	within the	(new ener	gy savings from reportin	activity within t g period)	he specified	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	211	99	55	33	12	6	4	2	88,388	40,097	22,947	14,351	23	533,887
Appliance Exchange	Appliances	7	10	16	10	1	1	3	2	859	2,648	5,911	3,694	7	26,456
HVAC Incentives	Equipment	147	151	161	245	57	36	34	53	111,038	65,339	60,662	99,498	180	860,991
Conservation Instant Coupon Booklet	Items	1,378	84	947	2,926	3	1	1	6	50,684	3,806	20,983	79,837	11	335,956
Bi-Annual Retailer Event	Items	2,592	2,888	2,572	13,135	5	4	3	22	80,003	72,909	46,769	334,583	34	966,858
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	0	0	18	0	0	0	8	0	0	0	0	8	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer Program Total	•					78	48	46	93	330,971	184,799	157,272	531,963	264	2,724,147
Business Program									÷			. ·	· · ·		· · ·
Retrofit	Projects	7	23	22	18	54	137	75	46	408,838	675,746	259,264	379,079	309	4,551,161
Direct Install Lighting	Projects	110	85	86	102	139	78	117	101	377,754	297,849	421,835	397,422	383	3,497,395
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	421,835	0	0	0
New Construction	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Audit	Audits	0	0	0	2	0	0	0	27	0	0	0	130,547	27	130,547
Small Commercial Demand Response	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
· ·			0		-		-		-	-		-	-		
Small Commercial Demand Response (IHD)	Devices	0		0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	1	1	1	1	38	38	39	35	1,481	553	515	0	35	2,549
Business Program Total						231	253	231	209	788,073	974,148	681,614	907,048	755	8,181,652
Industrial Program			1				1		1		1	1	1		
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retrofit	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	3	2	2	2	490	349	436	436	28,742	8,416	19,363	0	436	56,520
Industrial Program Total						490	349	436	436	28,742	8,416	19,363	0	436	56,520
Home Assistance Program											-				
Home Assistance Program	Homes	0	45	96	12	0	9	3	2	0	49,103	33,675	14,851	14	228,935
Home Assistance Program Total						0	9	3	2	0	49,103	33,675	14,851	14	228,935
Aboriginal Program															
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011								•	•		•	1	•		
Electricity Retrofit Incentive Program	Projects	4	0	0	0	43	0	0	0	146,553	0	0	0	43	586,211
High Performance New Construction	Projects	2	0	0	0	128	0	0	0	658,278	298	0	0	128	2,634,008
-		0	0	0	0	0	0	0	0	-	298	0	0	0	2,634,008
Toronto Comprehensive	Projects	-		-	-	-				0	-	-	-	-	
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Tota						171	0	0	0	804,831	298	0	0	172	3,220,219
Other															
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	126	0	0	0	0	126	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total			•			0	0	0	126	0	0	0	0	126	0
Adjustments to 2011 Verified Results								0	873		258,162	0	4,474,574	868	18,917,977
							1	-			258,102	62,935			
Adjustments to 2012 Verified Results								12	31			62,935	129,365	43	577,023
Adjustments to 2013 Verified Results									6				118,982	6	238,080
Energy Efficiency Total						443	272	241	387	1,922,395	1,207,795	872,046	1,453,862	1,287	14,352,405
Demand Response Total (Scenario 1)						528	387	475	480	30,222	8,969	19,878	0	480	59,069
Adjustments to Previous Years' Verified Re	sults Total					0	1	12	910	0	258,162	62,935	4,722,921	918	19,733,080
Aujustinents to ricelous reals vermea ne															
OPA-Contracted LDC Portfolio Total (inc. A	djustments)					970	660	727	1,778	1,952,617	1,474,926	954,859	6,176,783	2,685	34,144,554

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

% of Full OEB Target Achieved to Date (Scenario 1):

226.9%

<sup>87.4%</sup> 

		Table 2: Adjustments to Orillia Power Distribution Corporation Net Verified Results due to Variances													
Initiative	Unit	(new program	Incremental A activity occurri reporting pe	ing within the	specified	(new peak de	nental Peak Der mand savings fr pecified reporti	om activity wit		(new ener	remental Energ gy savings from pecified reporti	activity within		(exclue 2014 Net Annual Peak	fied Progress to Target des DR) 2011-2014 Net Cumulative Energy
														Demand Savings (kW)	Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program	*		÷	•			÷	•			*	÷			
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives		-36	6	9		-10	2	2		-19,262	3,333	4,203		-6	-58,644
	Equipment														
Conservation Instant Coupon Booklet	Items	22	0	3		0	0	0		750	0	64		0	3,130
Bi-Annual Retailer Event	Items	223	0	0		0	0	0		5,944	0	0		0	23,776
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total						-10	2	2		-12,568	3,333	4,267		-6	-31,739
Business Program															
Retrofit	Projects	0	7	2		0	34	0		0	157,589	98,779		34	670,327
Direct Install Lighting	Projects	7	3	1		11	4	1		27,510	16,103	4,444		11	154,269
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	0	0		0	0	0		0	0	0		0	0
	Audits	0	0	0		0	0	0		0	0	0		0	0
Energy Audit		0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response	Devices					-									
Small Commercial Demand Response (IHD)	Devices	0	0	0	_	0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						11	38	1		27,510	173,692	103,224		46	824,596
Industrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	0	0		0	0	0		0	0	0		0	0
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total			1			0	0	0		0	0	0		0	0
Home Assistance Program								-	_	-	-	-			
Home Assistance Program	Homes	0	15	6		0	3	3		0	15,336	11,608		6	69,045
Home Assistance Program Total	nomes	0	15	· ·	_	0	3	3		0	15,336	11,608		6	69,045
Home Assistance Program Total						0	3	3	_	0	15,550	11,008		0	05,045
Aboriginal Program			1	1			1	1	-		1	1			1
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0		0	0	0		0	0
High Performance New Construction	Projects	0	0	0		0	0	0		243,221	0	0		0	972,882
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates		0	0	0		0	0	0		0	0	0		0	0
	Projects		-			-					-	-			
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						0	0	0		243,221	0	0		0	972,882
Other															
Program Enabled Savings	Projects	1	0	0		873	0	0		4,474,574	0	0		873	17,898,296
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total	,		n	· · ·		873	0	0		4,474,574	0	0		873	17,898,296
			_	_											
Adjustments to 2011 Verified Results						873				4,732,736				868	18,917,977
Adjustments to 2012 Verified Results							43				192,362			43	577,023
Adjustments to 2013 Verified Results								6				119,098		6	238,080
Total Adjustments to Previous Years' Verified Re	sults					873	43	6		4,732,736	192,362	119,098		918	19,733,080

#### Table 2: Adjustments to Orillia Power Distribution Corporation Net Verified Results due to Variances

savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Activity and savings for Demand Response resources for each year represent the Adjustments to previous years' results shown in this table will not adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table A-1: Estimated persis		,	rs					
	CDM prog	ram results				of 2011 results		
	20	)11		)12	20	)13		014
	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental
	Peak Demand	Energy	Peak Demand	Energy	Peak Demand	Energy	Peak Demand	Energy
	Savings (kW)	Savings (kWh)	Savings (kW)	Savings (kWh)	Savings (kW)	Savings (kWh)	Savings (kW)	Savings (kWh)
Consumer Program								
Appliance Retirement	12	88,388	12	88,388	12	88,388	12	88,185
Appliance Exchange	1	859	1	859	1	859	0	420
HVAC Incentives	57	111 <i>,</i> 038	57	111,038	57	111 <i>,</i> 038	57	111,038
Conservation Instant Coupon Booklet	3	50,684	3	50,684	3	50,684	3	50,684
Bi-Annual Retailer Event	5	80,003	5	80,003	5	80,003	5	80,003
Retailer Co-op Residential Demand Response Residential New Construction								
Business Program								
Retrofit	54	408,838	54	408,838	54	408,838	54	408,838
Direct Install Lighting Building	139	377,754	139	377,754	139	377,754	87	229,494
Commissioning New Construction								
Energy Audit Small Commercial								
Demand Response								
Demand Response 3	38	1,481						
Industrial Program								
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager Retrofit								
Demand Response 3	490	28,742						
Home Assistance Prog		20,742						
Home Assistance	am							
Program								
Pre-2011 Programs con	mpleted in 201	1						
Electricity Retrofit	-							
Incentive Program High Performance	43	146,553	43	146,553	43	146,553	43	146,553
New Construction	128	658,278	128	658,278	128	658,278	128	658,278
Totals	970	1,952,617	443	1,922,395	443	1,922,395	390	1,773,493

Table A-1: Estimated persistence of 2011 results into future years

Note: Persistence of results is as reported by the IESO.

	CDM prog	am results		Persistence of	of 2012 results	
	20	12	20	13	20	14
	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Saving (kWh)
Consumer Program						
Appliance Retirement	6	40,097	6	40,097	6	40,097
Appliance Exchange	1	2,648	1	2,648	1	2,648
HVAC Incentives	36	65,339	36	65,339	36	65,339
Conservation Instant	1		1		1	
Coupon Booklet	1	3,806	1	3,806	1	3,806
Bi-Annual Retailer		72.000		72.000		72 000
Event	4	72,909	4	72,909	4	72,909
Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction						
Business Program						
Retrofit	137	675,746	137	675,746	137	675,746
Direct Install Lighting Building Commissioning New Construction	78	297,849	78	297,849	78	297,849
Energy Audit Small Commercial Demand Response						
(switch/pstat) Small Commercial Demand Response						
(IHD)						
Demand Response 3	38	553				
Industrial Program						
Process & System Upgrades Monitoring & Targeting Energy Manager						
Retrofit	a : -					
Demand Response 3	349	8,416				
Home Assistance Prog	ram					
Home Assistance Program	9	49,103	9	47,079	9	47,079
Pre-2011 Programs co	mpleted in 2011					
Electricity Retrofit						
ncentive Program						
High Performance New Construction	0	298	0	298	0	298
Totals	659	1,216,764	272	1,205,771	272	1,205,771

Table A-2: Estimated persistence of 2012 results into future years

Note: Persistence of results is as reported by the IESO.

	CDM progr		Persistence of	
	20	13	201	4
	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)
Consumer Program				
Appliance Retirement	4	22,947	4	22,947
Appliance Exchange	3	5,911	3	5,911
HVAC Incentives	34	60,662	34	60,662
Conservation Instant	1	20,983	1	20,983
Coupon Booklet	I	20,505	I	20,909
Bi-Annual Retailer Event	3	46,769	3	46,769
Retailer Co-Op Residential Demand				
Response (switch/pstat) Residential Demand				
Response (IHD)				
Residential New				
Construction				
Business Program				
Retrofit	75	259,264	72	250,228
Direct Install Lighting	117	421,835	117	421,835
Building	117	121,035	117	121,035
Commissioning				
New Construction				
Energy Audit				
Small Commercial				
Demand Response				
(switch/pstat)				
Small Commercial				
Demand Response				
(IHD)				
Demand Response 3	39	515		
Industrial Program				
Process & System				
Upgrades				
Monitoring & Targeting				
Energy Manager Retrofit				
Demand Response 3	436	19,363		
Home Assistance Program	m			
Home Assistance	2		n	33,100
Program	3	33,675	3	33,100
Totals	716	891,924	238	862,434

## Table A-3: Estimated persistence of 2013 results into future years

Note: Persistence of results is as reported by the IESO.

		ustments				011 adjustment		
	2011			)12		)13		)14
	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental	Incremental
	Peak Demand	Energy	Peak Demand	Energy	Peak Demand	Energy	Peak Demand	Energy
Consumer Program	Savings (KVV)	Savings (kvvn)	Savings (KVV)	Savings (kvvn)	Savings (KVV)	Savings (kWh)	Savings (KVV)	Savings (kvvn)
Appliance Retirement								
Appliance Exchange HVAC Incentives	10	10.262	10	10.262	10	10.262	10	10.202
	-10	-19,262	-10	-19,262	-10	-19,262	-10	-19,262
Conservation Instant Coupon Booklet	0	750		750		750		750
Bi-Annual Retailer								
Event	0	5,944	0	5,944	0	5,944	0	5,944
Retailer Co-Op								
Residential Demand								
Response								
(switch/pstat)								
Residential Demand								
Response (IHD)								
Residential New								
Construction								
Business Program								
Retrofit								
Direct Install Lighting	11	27,510	11	27,510	11	27,510	6	14,542
Building		27,510		27,010		27,010	0	,
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
(switch/pstat)								
Small Commercial								
Demand Response								
(IHD)								
Demand Response 3								
Industrial Program								
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager								
Retrofit								
Demand Response 3								
Home Assistance Progra	am							
Home Assistance								
Program								
Pre-2011 Programs con	npleted in 201	1						
Electricity Retrofit								
Incentive Program								
High Performance	-		-		-		-	
New Construction	0	243,221	0	243,221	0	243,221	0	243,221
Other								
		=		=				=
Program Enabled			072	4,474,574	873	4,474,574	873	4,474,574
Program Enabled Savings	873	4,474,574	873	4,474,374	075	4,4/4,3/4	075	4,4/4,3/4
Program Enabled Savings Time-of-Use Savings	873	4,4/4,5/4	073	4,474,374	075	4,474,374	075	4,474,374

#### Table A-5: Estimated persistence of 2012 adjustments into future years

	2012 adj				2012 adjustments	
	20		20		20	
	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Saving (kWh)
Consumer Program						
Appliance Retirement						
Appliance Exchange						
HVAC Incentives	2	3,333	2	3,333	2	3,333
Conservation Instant	_	0,000	-	0,000	_	0,000
Coupon Booklet						
Bi-Annual Retailer						
Event						
Retailer Co-Op						
Residential Demand						
Response						
(switch/pstat)						
Residential Demand						
Response (IHD)						
Residential New						
Construction						
Business Program	2.4	455 500	2.4	455 500	2.4	455 500
Retrofit	34	157,589	34	157,589	34	157,589
Direct Install Lighting	4	16,103	4	16,103	4	16,103
Building						
Commissioning						
New Construction						
Energy Audit						
Small Commercial						
Demand Response						
(switch/pstat)						
Small Commercial						
Demand Response						
(IHD)						
Demand Response 3						
Industrial Program						
Process & System						
Upgrades						
Monitoring &						
Targeting						
Energy Manager						
Retrofit						
Demand Response 3						
Home Assistance Progr	am					
Home Assistance		45.000	2	11.701	2	44.50.
Program	3	15,336	3	14,704	3	14,704
Totals	43	192,362	43	191,729	43	191,729

Note: Persistence of adjustments is as reported by the IESO.

# Table A-6: Estimated persistence of 2013 adjustments into future years

		justments	Persistence of 20	,
		013	20	
	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energ Savings (kWh)
Consumer Program				
Appliance Retirement				
Appliance Exchange				
HVAC Incentives	2	4,203	2	4,203
Conservation Instant Coupon	0	6.4	0	6.4
Booklet	0	64	0	64
Bi-Annual Retailer Event				
Retailer Co-Op				
Residential Demand				
Response (switch/pstat)				
Residential Demand				
Response (IHD)				
Residential New				
Construction				
Business Program				
Retrofit		98,779		98,779
Direct Install Lighting	1	4,444	1	4,444
Building Commissioning				
New Construction				
Energy Audit				
Small Commercial Demand				
Response (switch/pstat)				
Small Commercial Demand				
Response (IHD)				
Demand Response 3				
Industrial Program				
Process & System Upgrades				
Monitoring & Targeting				
Energy Manager				
Retrofit				
Demand Response 3				
Home Assistance Program		44		44
Home Assistance Program	3	11,608	3	11,409
Totals	6	119,098	6	118,900

Note: Persistence of results is as reported by the IESO.

Appendix B. CDM results breakdown by rate class

Table B-1: Percentage a	allocation by	rate class for	2011 res	sults and adju	ustments
-------------------------	---------------	----------------	----------	----------------	----------

Initiative	Residential	GS < 50 kW	GS 50 to 4,999 kW	Standby Power	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	MicroFIT Generator
Consumer Program	neoraenna		1,555 MT			88		Concrator
Appliance Retirement	100%							
Appliance Exchange	100%							
HVAC Incentives	100%							
Conservation Instant Coupon Booklet	100%							
Bi-Annual Retailer Event	100%							
Retailer Co-op	100%							
Residential Demand								
Response	100%							
Residential New Construction	100%							
Business Program								
Retrofit		22%	82%					
Direct Install Lighting		100%						
Building								
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
Demand Response 3			100%					
Industrial Program			100 /0					
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager Retrofit								
Demand Response 3			1000/					
Home Assistance Prog	ram.		100%					
Home Assistance Prog								
Program	100%							
Pre-2011 Programs co	mpleted in 2	011						
Electricity Retrofit	preteu in 2	~						
Incentive Program			100%					
High Performance								
New Construction			100%					
Other								
Program Enabled								
Savings			100%	-121%				
Time-of-Use Savings								
Time-oi-Ose Savings		Come Doto da						

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

The basis for the Standby Power rate class allocation for Program Enabled Savings is nameplate capacity. Since the standby charge is based on nameplate capacity, and is an additional source of revenue resulting from CDM, the percentage allocation is larger than 100% and is negative.

Table B-2. Percentage allocation by	y rate class for 2012 results and adjustments
Table D-2. Tercentage anotation b	y rate class for 2012 results and aujustments

Initiative	Residential	GS < 50 kW	GS 50 to 4,999 kW	Standby Power	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	MicroFIT Generato
Consumer Program			.,					
Appliance Retirement	100%							
Appliance Exchange	100%							
HVAC Incentives	100%							
Conservation Instant								
Coupon Booklet	100%							
Bi-Annual Retailer Event	100%							
Retailer Co-Op Residential Demand	100%							
Response (switch/pstat)	100%							
Residential Demand								
Response (IHD)	100%							
Residential New								
Construction	100%							
Business Program								
Retrofit		9%	86%					
Direct Install Lighting		100%						
Building								
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
(switch/pstat)								
Small Commercial								
Demand Response								
(IHD)								
Demand Response 3			100%					
Industrial Program								
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager								
Retrofit								
Demand Response 3			100%					
Home Assistance Prog	ram							
Home Assistance Program	100%							
Pre-2011 Programs co	mpleted in 20	)11						
Electricity Retrofit								
Incentive Program								
High Performance			100%					
New Construction			100 /0					

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

### Table B-3: Percentage allocation by rate class for 2013 results and adjustments

			CC 50.4	Ct - u - llh	Unmetered	C t I	Sture at	141FIT
Initiative	Residential	GS < 50 kW	GS 50 to 4,999 kW	Standby Power	Scattered Load	Sentinel Lighting	Street Lighting	MicroFIT Generato
Consumer Program								
Appliance Retirement	100%							
Appliance Exchange	100%							
HVAC Incentives	100%							
Conservation Instant Coupon Booklet	100%							
Bi-Annual Retailer Event	100%							
Retailer Co-Op Residential Demand	100%							
Response (switch/pstat)	100%							
Residential Demand Response (IHD)	100%							
Residential New Construction	100%							
Business Program								
Retrofit		31%	69%					
Direct Install Lighting		100%						
Building								
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
switch/pstat)								
Small Commercial								
Demand Response								
IHD)								
Demand Response 3			100%					
ndustrial Program								
Process & System								
Jpgrades								
Monitoring &								
Fargeting								
Energy Manager Retrofit								
Demand Response 3			100%					
Home Assistance Prog	ram		100%					
Home Assistance Frog								
Program	100%							
Source: Orillia Power [			п. е		· 11	1. 1000/ :	114/	· ·

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

Tuble D ITTercentage anot					Unmetered			
			GS 50 to	Standby	Scattered	Sentinel	Street	MicroFIT
Initiative	Residential	GS < 50 kW	4,999 kW	Power	Load	Lighting	Lighting	Generato
Consumer Program								
Appliance Retirement	100%							
Appliance Exchange	100%							
HVAC Incentives	100%							
Conservation Instant Coupon Booklet	100%							
Bi-Annual Retailer Event	100%							
Retailer Co-Op Residential Demand	100%							
Response (switch/pstat)	100%							
Residential Demand Response (IHD)	100%							
Residential New Construction	100%							
Business Program								
Retrofit		16%	61%					
Direct Install Lighting		100%						
Building								
Commissioning								
New Construction								
Energy Audit			100%					
Small Commercial								
Demand Response								
(switch/pstat)								
Small Commercial								
Demand Response								
(IHD)								
Demand Response 3			100%					
Industrial Program								
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager								
Retrofit								
Demand Response 3			100%					
Home Assistance Prog	ram							
Home Assistance	100%							
Program								

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

### Table B-5: Impact of CDM on load by rate class for 2011

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Standby Power kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW	MicroFIT Generator NA
Consumer Program								
Appliance Retirement	88,388							
Appliance Exchange	859							
HVAC Incentives	91,776							
Conservation Instant								
Coupon Booklet	51,434							
Bi-Annual Retailer								
Event	85,947							
Retailer Co-op								
Residential Demand								
Response								
Residential New								
Construction								
Business Program								
Retrofit		89,015	532					
Direct Install Lighting		405,264						
Building								
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
Demand Response 3			113					
Industrial Program								
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager								
Retrofit								
Demand Response 3			1,469					
Home Assistance Prog	ram							
Home Assistance								
Program								
Pre-2011 Programs con	mpleted in 20	11						
Electricity Retrofit			517					
Incentive Program			517					
High Performance			1 526					
New Construction			1,536					
Other								
Program Enabled			10 472	12 720				
Savings			10,472	-12,720				
Time-of-Use Savings								
Totals	318,403	494,279	14,639	-12,720				

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocation in Table B-1. Monthly kW values are multiplied by the number of months they are estimated to apply to for determining annual load impacts.

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Standby Power kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW	MicroFIT Generator NA
Consumer Program								
Appliance Retirement	128,485							
Appliance Exchange	3,506							
HVAC Incentives	160,448							
Conservation Instant								
Coupon Booklet Bi-Annual Retailer	55,240							
Event	158,855							
Retailer Co-Op								
Residential Demand								
Response								
(switch/pstat)								
Residential Demand								
Response (IHD)								
Residential New								
Construction								
Business Program								
Retrofit		166,473	2,295					
Direct Install Lighting		719,216						
Building								
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
(switch/pstat)								
Small Commercial								
Demand Response								
(IHD)								
Demand Response 3			114					
Industrial Program								
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager								
Retrofit								
Demand Response 3			1,048					
Home Assistance Prog	ram		.,					
Home Assistance								
Program	64,439							
Pre-2011 Programs co	mpleted in 20	011						
Electricity Retrofit	inpicted in 2							
Incentive Program			517					
High Performance								
New Construction			1,540					
Other								
Program Enabled			10,472	-12,720				
Savings			, =					
Time-of-Use Savings								
Totals	570,974	885,689	15,986	-12,720				

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocation in Table B-2 plus the persistence of results and adjustments from previous years in Tables A-1 and A-4 multiplied by the allocation in Table B-1. Monthly kW values are multiplied by the number of months they are estimated to apply to for determining annual load impacts.

Table B-7:	Impact of CDM on	load by rate cl	ass for 2013

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Standby Power kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW	MicroFIT Generator NA
Consumer Program								
Appliance Retirement	151,432							
Appliance Exchange	9,417							
HVAC Incentives	225,312							
Conservation Instant								
Coupon Booklet	76,287							
Bi-Annual Retailer	205,625							
Event								
Retailer Co-Op								
Residential Demand								
Response								
(switch/pstat)								
Residential Demand								
Response (IHD)								
Residential New								
Construction								
Business Program								
Retrofit		278,987	2,921					
Direct Install Lighting		1,145,495						
Building								
Commissioning								
New Construction								
Energy Audit								
Small Commercial								
Demand Response								
(switch/pstat)								
Small Commercial								
Demand Response								
(IHD)								
Demand Response 3			116					
Industrial Program			110					
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager Retrofit								
Demand Response 3			1 200					
			1,309					
Home Assistance Progr	aifi							
Home Assistance	107,066							
Program								
Pre-2011 Programs con	npleted in 2	011						
Electricity Retrofit			517					
Incentive Program			517					
High Performance			1,540					
New Construction			1,540					
Other								
Program Enabled			10 172	10 700				
			10,472	-12,720				
			10,172	12,720				
Savings Time-of-Use Savings			10,172	12,720				

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocations in Table B-3 plus the persistence of results and adjustments from previous years in Tables A-1 to A-2 and A-4 to A-5 multiplied by the allocations in Table B-1 and B-2. Monthly kW values are multiplied by the number of months they are estimated to apply to for determining annual load impacts.

### Table B-8: Impact of CDM on load by rate class for 2014

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Standby Power kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW	MicroFIT Generator NA
Consumer Program								
Appliance Retirement	165,581							
Appliance Exchange	12,673							
HVAC Incentives	324,811							
Conservation Instant Coupon Booklet	156,123							
Bi-Annual Retailer Event	540,207							
Retailer Co-Op								
Residential Demand								
Response (switch/pstat)								
Residential Demand								
Response (IHD) Residential New Construction								
Business Program Retrofit		338,471	3,232					
Direct Install Lighting		1,381,689	3,232					
Building								
Commissioning								
New Construction			221					
Energy Audit			321					
Small Commercial								
Demand Response								
(switch/pstat)								
Small Commercial Demand Response								
(IHD)								
Demand Response 3			106					
Industrial Program			100					
Process & System								
Upgrades								
Monitoring &								
Targeting								
Energy Manager								
Retrofit								
Demand Response 3			1,309					
Home Assistance Prog	am		,					
Home Assistance								
Program	121,143							
Pre-2011 Programs con	npleted in 20	)11						
Electricity Retrofit Incentive Program			517					
High Performance			4 5 4 0					
New Construction			1,540					
Other								
Program Enabled			10 472	10 700				
Savings			10,472	-12,720				
Time-of-Use Savings								
Time of 03c Savings								

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocations in Table B-4 plus the persistence of results and adjustments from previous years in Tables A-1 to A-6 multiplied by the allocations in Table B-1 to B-3. Monthly kW values are multiplied by the number of months they are estimated to apply to for determining annual load impacts.

Appendix C. Lost revenue

Table C-	: Distribution rates that impact lost reve	nue for ea	ach rate class	
_				

Rate class	Billing unit	2011	2012	2013	2014
Residential	kWh	0.0161	0.0161	0.0161	0.0162
GS < 50 kW	kWh	0.0156	0.0156	0.0156	0.0157
GS 50 to 4,999 kW	kW	3.4301	3.3762	3.3872	3.4224
Standby Power	kW	1.0122	1.0187	1.0236	1.0341
Unmetered Scattered Load	kWh	0.0089	0.0089	0.0089	0.0090
Sentinel Lighting	kW	9.5398	9.5315	9.5555	9.6556
Street Lighting	kW	12.5558	14.1914	14.1959	14.3456
MicroFIT Generator	NA				

Notes: Distribution rates are from OEB approved rate schedules averaged from the rate year to the calendar year. Only the Distribution Volumetric Rate and the Rate Rider for Tax Change are used.

Veer	Component of lost	Desidential		GS 50 to	Standby	Net GS 50 to	Tatala
Year	revenue	Residential	GS < 50 kW	4,999 kW	Power	4,999 kW	Totals
2011	Current year load losses	318,403	494,279	14,639	-12,720	1,919	814,601
	Revenue impact (\$)	\$5,126.29	\$7,710.75	\$50,212.87	-\$12,875.18	\$37,337.68	\$50,174.73
2012	Current year load losses	570,974	885,689	15,986	-12,720	3,266	1,459,928
	Revenue impact (\$)	\$9,192.68	\$13,816.74	\$53,970.45	-\$12,957.86	\$41,012.59	\$64,022.01
2013	Current year load losses	775,139	1,424,482	16,875	-12,720	4,155	2,203,776
	Revenue impact (\$)	\$12,479.74	\$22,221.92	\$57,158.62	-\$13,020.19	\$44,138.43	\$78,840.09
2014	Current year load losses	1,320,538	1,720,160	17,497	-12,720	4,777	3,045,475
	Revenue impact (\$)	\$21,392.72	\$27,006.51	\$59,882.39	-\$13,153.75	\$46,728.64	\$95,127.87
Total	Revenue impact (\$)	\$48,191.43	\$70,755.92	\$221,224.33	-\$52,006.99	\$169,217.34	\$288,164.69

Table C-2: Lost revenues for each year by rate class

Notes: Load losses are from Tables B-5 to B-8 and include persistence from previous years Revenue impact is net load loss multiplied by distribution rates from Table C-1 Rate classes not shown had no lost revenues.

The Net GS 50 to 4,999 kW column shows the net lost revenues from that rate class after accounting for revenue gains from standby power charges.

#### Table C-3: Monthly carrying charges by rate class

Jan-11 Feb-11 Mar-11 Apr-11 Dpening balance for rate year 2011 Jun-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 Jun-12 Jun-12 Jun-12 Jun-12 Sep-12	\$0.52 \$1.05 \$1.57 <b>\$3.14</b> \$2.62 \$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b> \$10.03	\$0.79 \$1.57 \$2.36 <b>\$4.72</b> \$3.15 \$3.94 \$4.72 \$5.51 \$6.30 \$7.08 \$7.08 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86 \$10.86	\$5.13 \$10.25 \$15.38 <b>\$30.76</b> \$20.50 \$25.63 \$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$1.31 -\$2.63 -\$3.94 -\$7.89 -\$5.26 -\$6.57 -\$7.89 -\$9.20 -\$10.51	\$3.81 \$7.62 \$11.43 <b>\$22.87</b> \$15.25 \$19.06 \$22.87 \$26.68	\$5.12 \$10.24 \$15.37 <b>\$30.73</b> \$20.49 \$25.61
Mar-11 Apr-11 Opening balance for rate year 2011 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Opening balance for rate year 2012 May-12 Jul-12 Aug-12	\$1.05 \$1.57 \$3.14 \$2.09 \$2.62 \$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 \$65.29	\$1.57 \$2.36 <b>\$4.72</b> \$3.15 \$3.94 \$4.72 \$5.51 \$6.30 \$7.08 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$10.25 \$15.38 <b>\$30.76</b> \$20.50 \$25.63 \$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$2.63 -\$3.94 <b>-\$7.89</b> -\$5.26 -\$6.57 -\$7.89 -\$9.20 -\$10.51	\$7.62 \$11.43 <b>\$22.87</b> \$15.25 \$19.06 \$22.87	\$10.24 \$15.37 <b>\$30.73</b> \$20.49 \$25.61
Apr-11 <b>Dpening balance for rate year 2011</b> May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 <b>Dpening balance for rate year 2012</b> May-12 Jul-12 Aug-12	\$1.57 <b>\$3.14</b> \$2.09 \$2.62 \$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$2.36 <b>\$4.72</b> \$3.15 \$3.94 \$4.72 \$5.51 \$6.30 \$7.08 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$15.38 <b>\$30.76</b> \$20.50 \$25.63 \$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$3.94 -\$7.89 -\$5.26 -\$6.57 -\$7.89 -\$9.20 -\$10.51	\$11.43 <b>\$22.87</b> \$15.25 \$19.06 \$22.87	\$15.37 <b>\$30.73</b> \$20.49 \$25.61
Depending balance for rate year 2011           May-11           Jun-11           Jun-11           Jul-11           Aug-11           Sep-11           Oct-11           Nov-11           Dec-11           Jan-12           Feb-12           Mar-12           Apr-12           Dpening balance for rate year 2012           May-12           Jun-12           Jul-12           Aug-12           Jul-12           Aug-12	\$3.14 \$2.09 \$2.62 \$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 \$65.29	\$4.72 \$3.15 \$3.94 \$4.72 \$5.51 \$6.30 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$30.76 \$20.50 \$25.63 \$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	<b>-\$7.89</b> -\$5.26 -\$6.57 -\$7.89 -\$9.20 -\$10.51	<b>\$22.87</b> \$15.25 \$19.06 \$22.87	<b>\$30.73</b> \$20.49 \$25.61
May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Dpening balance for rate year 2012 May-12 Jul-12 Jul-12 Aug-12	\$2.09 \$2.62 \$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$3.15 \$3.94 \$4.72 \$5.51 \$6.30 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$20.50 \$25.63 \$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$5.26 -\$6.57 -\$7.89 -\$9.20 -\$10.51	\$15.25 \$19.06 \$22.87	\$20.49 \$25.61
Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Dpening balance for rate year 2012 May-12 Jul-12 Aug-12 Aug-12	\$2.62 \$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$3.94 \$4.72 \$5.51 \$6.30 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$25.63 \$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$6.57 -\$7.89 -\$9.20 -\$10.51	\$19.06 \$22.87	\$25.61
Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 Opening balance for rate year 2012 May-12 Jul-12 Aug-12	\$3.14 \$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$4.72 \$5.51 \$6.30 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$30.76 \$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$7.89 -\$9.20 -\$10.51	\$22.87	
Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 Opening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$3.66 \$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$5.51 \$6.30 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$35.88 \$41.01 \$46.13 \$51.26 \$56.38	-\$9.20 -\$10.51		\$30.73
Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Opening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$4.19 \$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$6.30 \$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$41.01 \$46.13 \$51.26 \$56.38	-\$10.51		\$35.85
Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Opening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$4.71 \$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$7.08 \$7.87 \$8.66 \$9.45 \$10.86	\$46.13 \$51.26 \$56.38		\$30.49	\$40.98
Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 Dpening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$5.23 \$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$7.87 \$8.66 \$9.45 \$10.86	\$51.26 \$56.38	-\$11.83	\$34.30	\$46.10
Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 Dpening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$5.76 \$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$8.66 \$9.45 \$10.86	\$56.38	-\$13.14	\$38.12	\$51.22
Jan-12 Feb-12 Mar-12 Apr-12 Dpening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$6.28 \$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$9.45 \$10.86		-\$14.46	\$41.93	\$56.34
Feb-12 Mar-12 Apr-12 Dpening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$7.22 \$8.16 \$9.09 <b>\$65.29</b>	\$10.86	\$61.51	-\$15.77	\$45.74	\$61.46
Mar-12 Apr-12 Dpening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$8.16 \$9.09 <b>\$65.29</b>		\$67.02	-\$17.09	\$49.93	\$68.00
Apr-12 <b>Ppening balance for rate year 2012</b> May-12 Jun-12 Jul-12 Aug-12	\$9.09 <b>\$65.29</b>		\$72.53	-\$18.42	\$54.11	\$74.54
Depening balance for rate year 2012 May-12 Jun-12 Jul-12 Aug-12	\$65.29	\$12.27 \$13.68	\$78.04	-\$19.74	\$58.30	\$81.07
May-12 Jun-12 Jul-12 Aug-12		\$98.20	\$617.41	-\$157.77	\$459.64	\$623.12
Jun-12 Jul-12 Aug-12						
Jul-12 Aug-12		\$15.09	\$83.55	-\$21.06	\$62.49	\$87.61
Aug-12	\$10.97	\$16.50	\$89.06	-\$22.39	\$66.67	\$94.14
	\$11.91 \$12.95	\$17.91	\$94.57	-\$23.71	\$70.86 \$75.05	\$100.68
Sep-12	\$12.85	\$19.32	\$100.08	-\$25.03	\$75.05	\$107.21
	\$13.79	\$20.73	\$105.59	-\$26.35	\$79.23	\$113.75
Oct-12	\$14.73	\$22.14	\$111.10	-\$27.68	\$83.42	\$120.28
Nov-12	\$15.66	\$23.55	\$116.61	-\$29.00	\$87.61	\$126.82
Dec-12	\$16.60	\$24.96	\$122.12	-\$30.32	\$91.79	\$133.36
Jan-13	\$17.54	\$26.37	\$127.62	-\$31.65	\$95.98	\$139.89
Feb-13	\$18.81	\$28.64	\$133.46	-\$32.97	\$100.48	\$147.94
Mar-13	\$20.09	\$30.91	\$139.29	-\$34.30	\$104.99	\$155.99
Apr-13	\$21.36	\$33.18	\$145.13	-\$35.63	\$109.50	\$164.04
Dpening balance for rate year 2013	\$249.64	\$377.49	\$1,985.57	-\$497.87	\$1,487.70	\$2,114.82
May-13	\$22.64	\$35.45	\$150.96	-\$36.96	\$114.00	\$172.08
Jun-13	\$23.91	\$37.71	\$156.80	-\$38.29	\$118.51	\$180.13
Jul-13	\$25.18	\$39.98	\$162.63	-\$39.62	\$123.01	\$188.18
Aug-13	\$26.46	\$42.25	\$168.47	-\$40.95	\$127.52	\$196.23
Sep-13	\$27.73	\$44.52	\$174.30	-\$42.28	\$132.03	\$204.28
Oct-13	\$29.01	\$46.79	\$180.14	-\$43.61	\$136.53	\$212.33
Nov-13	\$30.28	\$49.06	\$185.97	-\$44.94	\$141.04	\$220.37
Dec-13	\$31.55	\$51.32	\$191.81	-\$46.27	\$145.54	\$228.42
Jan-14	\$32.83	\$53.59	\$197.64	-\$47.60	\$150.05	\$236.47
Feb-14	\$35.01	\$56.35	\$203.76	-\$48.94	\$154.82	\$246.18
Mar-14	\$37.20	\$59.11	\$209.87	-\$50.28	\$159.59	\$255.89
Apr-14	\$39.38	\$61.86	\$215.98	-\$51.62	\$164.36	\$265.60
Opening balance for rate year 2014	\$610.82	\$955.48	\$4,183.92	-\$1,029.22	\$3,154.70	\$4,720.99
May-14	\$41.56	\$64.62	\$222.10	-\$52.97	\$169.13	\$275.31
Jun-14	\$43.75	\$67.38	\$228.21	-\$54.31	\$173.90	\$285.02
Jul-14	\$45.93	\$70.13	\$234.32	-\$55.65	\$178.67	\$294.74
	\$48.12	\$72.89	\$240.43	-\$56.99	\$183.44	\$304.45
Aug-14						
Sep-14	\$50.30	\$75.65	\$246.55	-\$58.34	\$188.21	\$314.16
Oct-14	\$52.48	\$78.41	\$252.66	-\$59.68	\$192.98	\$323.87
Nov-14	\$54.67	\$81.16	\$258.77	-\$61.02	\$197.75	\$333.58
Dec-14	\$56.85	\$83.92	\$264.89	-\$62.37	\$202.52	\$343.29
Jan-15	\$59.03	\$86.68	\$271.00	-\$63.71	\$207.29	\$353.00
Feb-15	\$59.03	\$86.68	\$271.00	-\$63.71	\$207.29	\$353.00
Mar-15	\$59.03	\$86.68	\$271.00	-\$63.71	\$207.29	\$353.00
Apr-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
pening balance for rate year 2015	\$1,225.76	\$1,874.52	\$7,147.64	-\$1,729.35	\$5,418.29	\$8,518.57
May-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Jun-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Jul-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Aug-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Sep-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Oct-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Nov-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Dec-15	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Jan-16	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Feb-16	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Mar-16	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
Apr-16	\$44.18	\$64.86	\$202.79	-\$47.67	\$155.12	\$264.15
otal to April 30, 2016	\$1,755.86	\$2,652.84	\$9,581.11	-\$2,301.43	\$7,279.68	\$11,688.38
lotes: Carrying charges are simple interest (					,	, ,



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

IndEco Strategic Consulting Inc 77 Mowat Avenue Suite 412 Toronto ON M6K 3E3 1 888 INDECO1 416 532 4333 info@indeco.com www.indeco.com

# Orillia Power Distribution Corporation 2016 IRM Distribution Rate Application EB-2015-0024 Submitted October 19, 2015

**APPENDIX F – IESO Final Verified CDM Results** 



#### Message from the Vice President:

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

#### 2011-2014 Conservation Framework Highlights:

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

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

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

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

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

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

Sincerely,

Terry Young

	Table of Contents									
	Summary	Provides a summary of the LDC specific IESO-Contracted Province-Wide Program performance to date: achievement against target using scenerio 1, sector breakdown and progress to target for the LDC community.	<u>3</u>							
	LDC-Specific Performance (LDC Level Results)									
Table 1	LDC Initiative and Program Level Net Savings	Provides LDC-specific initiative-level results (activity, net peak demand and energy savings, and how each initiative contributes to targets).	<u>4</u>							
Table 2	LDC Adjustments to Net Verified Results	Provides LDC-specific initiative level adjustments from previous years' (activity, net peak demand and energy savings).	<u>5</u>							
Table 3	LDC Realization Rates & NTGs	Provides LDC-specific initiative-level realization rates and net-to-gross ratios.	<u>6</u>							
Table 4	LDC Net Peak Demand Savings (MW)	Provides a portfolio level view of LDC achievement of net peak demand savings against OEB target.	Z							
Table 5	LDC Net Energy Savings (GWh)	Provides a portfolio level view of LDC achievement of net energy savings against OEB target.	Z							
	P	rovince-Wide Data - (LDC Performance in Aggregate)								
Table 6	Provincial Initiative and Program Level Net Savings	Provides province-wide initiative-level results (activity, net peak demand and energy savings, and how each initiative contributes to targets).	<u>8</u>							
Table 7	Provincial Adjustments to Net Verified Results	Provides province-wide initiative level adjustments from previous years (activity, net peak demand and energy savings).	<u>9</u>							
Table 8	Provincial Realization Rates & NTGs	Provides province-wide initiative-level realization rates and net-to-gross ratios.	<u>10</u>							
Table 9	Provincial Net Peak Demand Savings (MW)	Provides a portfolio level view of provincial achievement of net peak demand savings against the OEB target.	<u>11</u>							
Table 10	Provincial Net Energy Savings (GWh)	Provides a portfolio level view of achievement of provincial net energy savings against the OEB target.	<u>11</u>							
		Appendix								
-	Methodology	Detailed descriptions of methods used for results.	<u>12 to 21</u>							
-	Reference Tables	Consumer Program allocation methodology.	<u>22 to 23</u>							
-	Glossary	Definitions for terms used throughout the report.	<u>24</u>							
Table 11	LDC Initiative and Program Level Gross Savings	Provides LDC-specific initiative-level results (gross peak demand and energy savings).	<u>25</u>							
Table 12	LDC Adjustments to Gross Verified Results	Provides LDC-specific initiative level adjustments from previous years (gross peak demand and energy savings).	<u>26</u>							
Table 13	Provincial Initiative and Program Level Gross Savings	Provides province-wide initiative-level results (gross peak demand and energy savings).	<u>27</u>							
Table 14	Provincial Adjustments to Gross Verified Results	Provides province-wide initiative level adjustments from previous years (gross peak demand and energy savings).	<u>28</u>							

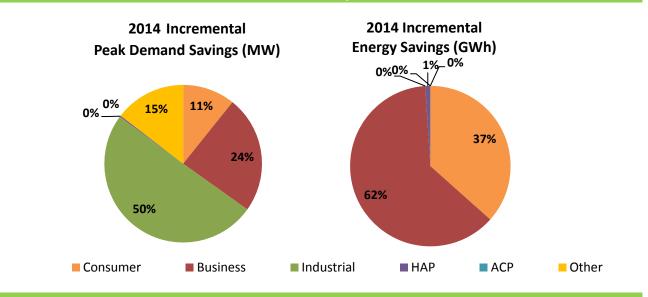
# IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

## LDC: Orillia Power Distribution Corporation

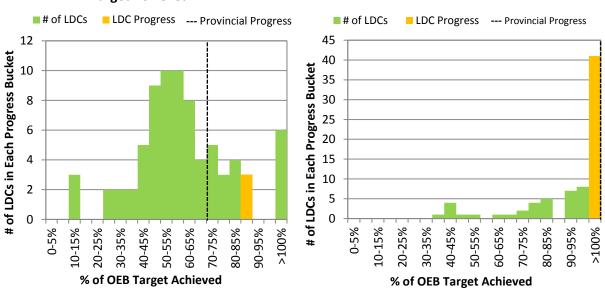
Final 2014 Achievement Against Targets	2014 Incremental	2011-2014 Achievement Against Target	% of Target Achieved
Net Annual Peak Demand Savings (MW)	1.8	2.7	87.4%
Net Energy Savings (GWh)	6.2	34.1	226.9%

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

**Achievement by Sector** 



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



# % of OEB Peak Demand Savings Target Achieved

# % of OEB Energy Savings Target Achieved

				tal Activity			Net Incremental Peak Demand Savings (kW) Net Incremental Energy Savings (kWh) (new peak demand savings from activity within the specified					Program-to-Date Verif (exclud			
Initiative	Unit	(new prog	-	curring within th ng period)	he specified	(new peak o	demand saving specified repo		within the	(new energy savings from activity within the specified reporting period)			he specified	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	211	99	55	33	12	6	4	2	88,388	40,097	22,947	14,351	23	533,887
Appliance Exchange	Appliances	7	10	16	10	1	1	3	2	859	2,648	5,911	3,694	7	26,456
HVAC Incentives	Equipment	147	151	161	245	57	36	34	53	111,038	65,339	60,662	99,498	180	860,991
Conservation Instant Coupon Booklet	Items	1,378	84	947	2,926	3	1	1	6	50,684	3,806	20,983	79,837	11	335,956
Bi-Annual Retailer Event	Items	2,592	2,888	2,572	13,135	5	4	3	22	80,003	72,909	46,769	334,583	34	966,858
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	0	0	18	0	0	0	8	0	0	0	0	8	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Consumer Program Total		-				78	48	46	93	330,971	184,799	157,272	531,963	264	2,724,147
-								- 10	50	000,071	101,755	107,172	551,555	201	_,,_,,_,,
Business Program Retrofit	Projects	7	23	22	18	54	137	75	46	408,838	675 746	259,264	379,079	309	4,551,161
	Projects	110		86	18	139	78	117	46		675,746			309	3,497,395
Direct Install Lighting	Projects		85	86		0			-	377,754	297,849	421,835	397,422		3,497,395
Building Commissioning	Buildings	0			0	-	0	0	0	0	0	0	0	0	
New Construction	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Audit	Audits	0	0	0	2	0	0	0	27	0	0	0	130,547	27	130,547
Small Commercial Demand Response	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	1	1	1	1	38	38	39	35	1,481	553	515	0	35	2,549
Business Program Total						231	253	231	209	788,073	974,148	681,614	907,048	755	8,181,652
Industrial Program															
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Retrofit	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	3	2	2	2	490	349	436	436	28,742	8,416	19,363	0	436	56,520
Industrial Program Total						490	349	436	436	28,742	8,416	19,363	0	436	56,520
Home Assistance Program											0,				
Home Assistance Program	Homes	0	45	96	12	0	9	3	2	0	49,103	33,675	14,851	14	228,935
Home Assistance Program Total	nomes	0	45	30	12	0	9	3	2	0	49,103	33,675	14,851	14	228,935
						0	9	3	2	0	49,105	55,675	14,851	14	220,955
Aboriginal Program	- Lu							-						-	
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	4	0	0	0	43	0	0	0	146,553	0	0	0	43	586,211
High Performance New Construction	Projects	2	0	0	0	128	0	0	0	658,278	298	0	0	128	2,634,008
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Tota						171	0	0	0	804,831	298	0	0	172	3,220,219
rie-2011 Programs completed in 2011 10ta						1/1	U	0	0	004,831	298		U	1/2	5,220,219
Other		_	-	-	_	_		-	-	_	-	-	-	_	_
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	126	0	0	0	0	126	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total						0	0	0	126	0	0	0	0	126	0
Adjustments to 2011 Verified Results							1	0	873		258,162	0	4,474,574	868	18,917,977
Adjustments to 2011 Verified Results							-	12	31		233,102	62,935	129,365	43	577,023
Adjustments to 2012 Verified Results								12	6			02,555	118,982	43 6	238,080
-															
Energy Efficiency Total						443	272	241	387	1,922,395	1,207,795	872,046	1,453,862	1,287	14,352,405
						528	387	475	480	30,222	8,969	19,878	0	480	59,069
Demand Response Total (Scenario 1)															
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified Re	sults Total					0	1	12	910	0	258,162	62,935	4,722,921	918	19,733,080
						0 970	1 660	12 727	910 1,778	0 1,952,617	258,162 1,474,926	62,935 954,859	4,722,921 6,176,783	918 2,685	19,733,080 34,144,554

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

% of Full OEB Target Achieved to Date (Scenario 1):

87.4%

226.9%

Direct highing basicing conversion basicing conversion here conversion he			Table 2: Adjus	tments to Orilli	ia Power Dist	ribution C	orporation Net	Verified Results	due to Variar	nces						
Image: Problem interm     Image: Problem interm <t< td=""><td>Initiative</td><td>Unit</td><td colspan="6">(new program activity occurring within the specified (new peak demand savings from activity within the ) (new energy savings from activity within</td><td></td><td>(exclud</td><td>des DR) 2011-2014 Net</td></t<>	Initiative	Unit	(new program activity occurring within the specified (new peak demand savings from activity within the ) (new energy savings from activity within							(exclud	des DR) 2011-2014 Net					
controlbitbitbitbitbitbitbitbitbitbitbitbitbitbitspacesp				reporting pe			<b>3</b>	peemeareporti	.g periou)		5	peemeareporti	is period)		Demand Savings (kW)	
Description Reference         Petitives         Description Reference         Descrip			2011*	2012*	2012*	2014	2011	2012	2012	2014	2011	2012	2012	2014	2014	
liquideliquide00<			2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
pick loc brand     pick loc bra		<b>1</b>					<u>^</u>									<u> </u>
MAX boxMAX box<											-	-				
Concernational open of any open of an							-									
ninvalue formmem223000 </td <td></td> <td>-</td> <td></td>															-	
incluic Conginclui <t< td=""><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			-		-		-									
inside and sequeres inside and sequeres inside and sequeres (a) inside and sequeres (a) 					-			-				-				
Incidential behaviore (intro)Indicational behaviore (intro)In			-				-									
Include two controlsNo <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td></td></t<>												-	-			
Consume forgion GellConstructionConst											-					
Bindle Arrown         Projects         O         T         Z         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F         D         F        F		Homes	0	0	0		-	-							-	
bindle definitionregion<	Consumer Program Total						-10	2	2		-12,568	3,333	4,267		-6	-31,739
bindle definitionregion<	Business Program			1	1				1			1	T			í
Name Isolation Name Name Isolation Name 	Retrofit	Projects			2											
New Construction         Pauling         O        O	Direct Install Lighting	Projects	7	3	1		11	4	1		27,510	16,103	4,444		11	154,269
marge dualAudis00	Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
num         num <td>New Construction</td> <td>Buildings</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td>	New Construction	Buildings	0	0	0		0	0	0		0	0	0		0	0
Smill Connucl Response (H0)       Devices       0	Energy Audit	Audits	0	0	0		0	0	0		0	0	0		0	0
Demain Regime     Dema	Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Busines forgam         Total         N	Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Instrum         Image: Normalization in the second of	Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Monitaring & Targeting         Projects         0	Business Program Total						11	38	1		27,510	173,692	103,224		46	824,596
Monitaring & Targeting         Projects         0	Industrial Program							•	•			•	•			
Derig       O <td>Process &amp; System Upgrades</td> <td>Projects</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td>	Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Dense program RestoringProjects Projects Industrial Program ProjectsOOO<	Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Retroit       Projects       0		Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3       Pscilities       0	Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Hame Articitance Program         Homes         Normal Articitance Program         Normal Articitance Pro	Demand Response 3		0	0	0		0	0	0		0	0	0		0	0
Home Assistance Program       Home       0       15       6       0       3       3       0       0       15,36       11,608       6       66       69,045         Home Assistance Program Total       U       U       U       0       3       3       0       0       13,36       11,608       6       66       69,045         Home Assistance Program Total       U       U       U       0       3       3       0       0       13,36       11,608       6       69,045         Aborginal Program       Homes       0	Industrial Program Total						0	0	0		0	0	0		0	0
Home Assistance Program Total       Image: Construction       Homes       Construction       Construction       Free Const	Home Assistance Program								•							
Aborginal Program       Homes       0	Home Assistance Program	Homes	0	15	6		0	3	3		0	15,336	11,608		6	69,045
Homes       Homes       O	Home Assistance Program Total						0	3	3		0	15,336	11,608		6	69,045
Homes       Homes       O	Aboriginal Program								•							•
Aborginal Program Total       Image: Second Se	Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Aborginal Program Total       Image: Second se	Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011       Image: Construction of the program of the pr	Aboriginal Program Total		•				0	0	0		0	0	0		0	0
High Performance New Construction       Projects       0       0       0       0       0       0       0       0       0       0       0       972,882         Toronto Comprehensive       Projects       Projects       0	Pre-2011 Programs completed in 2011							•								
High Performance New Construction       Projects       0       0       0       0       0       0       0       0       0       0       0       972,882         Toronto Comprehensive       Projects       Projects       0	Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0		0	0	0		0	0
Dronto Comprehensive       Projects       0		-										-				
Multifamily Energy Efficiency Rebates       Projects       0				-				-	-			-	-			
Projects       Projects       0							-				-					
Pre-2011 Programs completed in 2011 Total       Image: Completed in 2011 T		-										-				
Other         Image: Constraint of the substance of the sub		riojects	0	0	0	-										
Nomes       Nomes <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>v</td><td>Ŭ</td><td></td><td>243,221</td><td>Ū</td><td>Ŭ</td><td></td><td>•</td><td>572,882</td></th<>							0	v	Ŭ		243,221	Ū	Ŭ		•	572,882
Nomes       Nomes <th< td=""><td>Other</td><td>Devicesta</td><td>1</td><td>0</td><td>0</td><td>1</td><td>072</td><td></td><td></td><td></td><td>4 474 574</td><td>0</td><td></td><td></td><td>072</td><td>47,000,200</td></th<>	Other	Devicesta	1	0	0	1	072				4 474 574	0			072	47,000,200
No.     No. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							-									
Other Total         873         0         0         4,474,574         0         0         873         17,898,296           Adjustments to 2011 Verified Results          873         0         0         0         873         17,898,296           Adjustments to 2012 Verified Results          873         0         0         0         868         18,917,977           Adjustments to 2012 Verified Results          43         0         0         192,362         0         43         577,023           Adjustments to 2013 Verified Results          6         0         119,098         6         238,080			-								-	-	-			-
Adjustments to 2011 Verified Results       B       R       A       Adjustments		Projects	0	U	U		-				-	-	-			÷
Adjustments to 2012 Verified Results       43       43       192,362       43       43       577,023         Adjustments to 2013 Verified Results       6       6       6       119,098       6       238,080								0	0			0	0			
Adjustments to 2013 Verified Results 6 6 0 119,098 6 238,080	Adjustments to 2011 Verified Results						873				4,732,736					
	-							43				192,362				
Total Adjustments to Previous Years' Verified Results         873         43         6         4,732,736         192,362         119,098         918         19,733,080	-								-							
	Total Adjustments to Previous Years' Verified Result	5					873	43	6		4,732,736	192,362	119,098		918	19,733,080

#### Table 2: Adjustments to Orillia Power Distribution Corporation Net Verified Results due to Variances

savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Activity and savings for Demand Response resources for each year represent the Adjustments to previous years' results shown in this table will not adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

### Table 3: Orillia Power Distribution Corporation Realization Rate & NTG

	Peak Demand Savings									Energy	Savings					
Initiative		Realizatio	n Rate			Net-to-Gro	oss Ratio			Realizatio	on Rate			Net-to-Gro	oss Ratio	
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	n/a	n/a	0.51	0.47	0.42	0.42	1.00	1.00	n/a	n/a	0.52	0.47	0.44	0.44
Appliance Exchange	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.79	1.00	1.00	1.00	1.00	1.11	1.05	1.13	1.75
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.13	0.91	1.04	1.74	1.00	1.00	1.00	1.00	1.10	0.92	1.04	1.75
Retailer Co-op	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Business Program																
Retrofit	0.93	0.98	0.87	0.90	0.75	0.78	0.74	0.74	1.33	1.13	0.96	1.15	0.76	0.78	0.73	0.73
Direct Install Lighting	1.08	0.68	0.81	0.78	0.93	0.94	0.94	0.94	0.90	0.85	0.84	0.83	0.93	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Construction	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Audit	n/a	n/a	n/a	0.96	n/a	n/a	n/a	0.68	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Monitoring & Targeting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Manager	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Retrofit																
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	n/a	0.14	1.02	0.90	n/a	1.00	1.00	1.00	n/a	0.99	0.89	0.81	n/a	1.00	1.00	1.00
Aboriginal Program						•					• 			•	• 	
Home Assistance Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011			•											n		
Electricity Retrofit Incentive Program	0.77	n/a	n/a	n/a	0.52	n/a	n/a	n/a	0.77	n/a	n/a	n/a	0.52	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50
Toronto Comprehensive	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ŭ Ŭ	Π/a	Π/a	Π/a	ii/a	ny a	11/0	Π/a	iiy a	11/ 0	Π/a	ii/a	Π/a	Π/a	Π/a	iiy a	11/0
Other Program Enabled Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/2	n/a	n/a	n/a	n/a	n/a
Time-of-Use Savings	n/a	n/a n/a	n/a	n/a n/a	n/a n/a	n/a n/a	n/a	n/a n/a	n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a	n/a	n/a n/a
	-	n/a n/a	n/a	n/a n/a		n/a	n/a	n/a n/a		n/a n/a		n/a	n/a	n/a	n/a	
LDC Pilots	n/a	II/d	II/d	II/d	n/a	II/d	II/d	II/d	n/a	II/d	n/a	II/d	II/d	II/d	II/d	n/a

## Summary Achievement Against CDM Targets

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

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

Implementation Period		Annual									
Implementation Period	2011	2012	2013	2014							
2011 - Verified	1.0	0.4	0.4	0.4							
2012 - Verified†	0.0	0.7	0.3	0.3							
2013 - Verified†	0.0	0.0	0.7	0.2							
2014 - Verified†	0.9	0.9	0.9	1.8							
Ve	rified Net Annual Pe	eak Demand Saving	gs Persisting in 2014:	2.7							
Orillia Power Distribution Corporation 2014 Annual CDM Capacity Target: 3											
Verified Por	Verified Portion of Peak Demand Savings Target Achieved in 2014 (%): 87.5%										

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

Implementation Period		A	Annual		Cumulative					
Implementation Period	2011	2012	2013	2014	2011-2014					
2011 - Verified	2.0	1.9	1.9	1.8	7.6					
2012 - Verified†	0.3	1.5	1.5	1.5	4.7					
2013 - Verified†	0.0	0.0 0.1 1.0 0.9								
2014 - Verified†	4.5	4.6	4.72	6.2	20.0					
		Verified I	Net Cumulative Energy	Savings 2011-2014:	34.1					
	15.1									
	Verified	Portion of Cumula	ative Energy Target Acl	nieved in 2014 (%):	226.9%					

*†Includes adjustments to previous years' verified results* 

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

Initiative	Unit		Increment am activity occ	tal Activity curring within th	-		Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)							Program-to-Date Verif (exclud 2014 Net Annual Peak	es DR) 2011-2014 Net
			reportin	g period)			specified rep	orting period)		penou)				Demand Savings (kW)	Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146	20,952	22,563	3,299	2,011	1,433	1,617	23,005,812	13,424,518	8,713,107	9,497,343	8,221	159,100,415
Appliance Exchange	Appliances	3,688	3,836	5,337	5,685	371	556	1,106	1,178	450,187	974,621	1,971,701	2,100,266	2,973	10,556,192
HVAC Incentives	Equipment	92,748	87,540	96,286	113,002	32,037	19,060	19,552	23,106	59,437,670	32,841,283	33,923,592	42,888,217	93,755	447,009,930
Conservation Instant Coupon Booklet	Items	567,678	30,891	347,946	1,208,108	1,344	230	517	2,440	21,211,537	1,398,202	7,707,573	32,802,537	4,531	137,258,436
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772	4,824,751	1,681	1,480	1,184	8,043	29,387,468	26,781,674	17,179,841	122,902,769	12,389	355,157,348
Retailer Co-op	Items	152	0	0	0	0	0	0	0	2,652	0	0	0	0	10,607
Residential Demand Response	Devices	19,550	98,388	171,733	241,381	10,947	49,038	93,076	117,513	24,870	359,408	390,303	8,379	117,513	782,960
Residential Demand Response (IHD)	Devices	0	49,689	133,657	188,577	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	27	21	279	2,367	0	2	18	369	743	17,152	163,690	2,330,865	390	2,712,676
Consumer Program Total						49,681	72,377	116,886	154,267	133,520,941	75,796,859	70,049,807	212,530,376	239,772	1,112,588,565
Business Program	<u> </u>			1			1	1	1		1				
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						64,617	98,221	107,261	133,319	198,124,253	381,415,230	430,423,659	600,176,121	332,769	3,358,699,887
Industrial Program				•			1				1	1			
Process & System Upgrades	Projects	0	0	5	10	0	0	294	9,692	0	0	2,603,764	72,053,255	9,986	77,260,782
Monitoring & Targeting	Projects	0	1	3	5	0	0	0	102	0	0	0	502,517	102	502,517
Energy Manager	Projects	1	132	306	379	0	1,086	3,558	5,191	0	7,372,108	21,994,263	40,436,427	8,384	95,324,998
Retrofit	Projects	433	0	0	0	4,615	0	0	0	28,866,840	0	0	0	4,613	115,462,282
Demand Response 3	Facilities	124	185	281	336	52,484	74,056	162,543	166,082	3,080,737	1,784,712	4,309,160	0	166,082	9,174,609
Industrial Program Total						57,098	75,141	166,395	181,066	31,947,577	9,156,820	28,907,187	112,992,199	189,168	297,725,188
Home Assistance Program				1				1	1			1			
Home Assistance Program	Homes	46	5,920	29,654	25,424	2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Home Assistance Program Total						2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Aboriginal Program				I			1	1	1		1	1	1		
Home Assistance Program	Homes	0	0	717	1,125	0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Pre-2011 Programs completed in 2011				1			1	I							
Electricity Retrofit Incentive Program	Projects	2,028	0	0	0	21,662	0	0	0	121,138,219	0	0	0	21,662	484,552,876
High Performance New Construction	Projects	182	73	19	3	5,098	3,251	772	134	26,185,591	11,901,944	3,522,240	688,738	9,255	148,181,415
Toronto Comprehensive	Projects	577	15	4	5	15,805	0	0	281	86,964,886	0	0	2,479,840	16,086	350,339,385
Multifamily Energy Efficiency Rebates	Projects	110	0	0	0	1,981	0	0	0	7,595,683	0	0	0	1,981	30,382,733
LDC Custom Programs	Projects	8	0	0	0	399	0	0	0	1,367,170	0	0	0	399	5,468,679
Pre-2011 Programs completed in 2011 Tot	al					44,945	3,251	772	415	243,251,550	11,901,944	3,522,240	3,168,578	49,382	1,018,925,088
Other															
Program Enabled Savings	Projects	33	71	46	43	0	2,304	3,692	5,500	0	1,188,362	4,075,382	19,035,337	11,496	30,751,187
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
LDC Pilots	Projects	0	0	0	1,174	0	0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
Other Total	1.1.5,2505				_,_,	0	2,304	3,692	61,466	0	1,188,362	4,075,382	24,096,859	67,462	35,812,709
Adjustments to 2011 Verified Results							1,406	641	1,418		18,689,081	1,736,381	7,319,857	3,215	110,143,550
Adjustments to 2012 Verified Results								6,260	9,221			41,947,840	37,080,215	15,401	238,780,637
Adjustments to 2013 Verified Results									24,391				150,785,808	24,391	296,465,211
Energy Efficiency Total						136,610	109,191	117,536	224,457	603,144,419	482,474,435	554,528,447	975,639,300	575,647	5,896,382,612
Demand Response Total (Scenario 1)						79,733	142,670	280,099	309,091	3,739,185	2,427,011	5,046,495	8,698	309,091	11,221,389
Adjustments to Previous Years' Verified Re	esults Total					0	1,406	6,901	35,030	0	18,689,081	43,684,221	195,185,880	43,006	645,389,397
OPA-Contracted LDC Portfolio Total (inc. A	djustments)					216,343	253,267	404,536	568,578	606,883,604	503,590,526	603,259,163	1,170,833,878	927,745	6,552,993,397
Activity and savings for Demand Response resources		t the savings from a	Il active facilities	or devices	*Includes adjustme	nts after Final Repor	ts were issued						Full OEB Target:	1,330,000	6,000,000,000
contracted since January 1, 2011 (reported cumulat	ively).				Results presented u										

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

Activity and savings for Demand Response resources for ea contracted since January 1, 2011 (reported cumulatively).

% of Full OEB Target Achieved to Date (Scenario 1):

8

109%

70%

			Incremental A	vince-Wide Net V Activity				nand Savings (	(kW)	Net Inc	remental Energ	gy Savings (kWh	ı)	Program-to-Date Verit (exclud	
Initiative	Unit			curring within the		eak dema		om activity wi		(new energy savings from activity within the specified reporting period)				2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013* 2	201	11	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0	0	)	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0	0	)	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-18,839	2,319	4,705	-5,2	270	479	1,037		-9,707,002	955,512	1,838,408		-3,754	-32,284,656
Conservation Instant Coupon Booklet	Items	8,216	0	1,050	16	6	0	2		275,655	0	23,571		18	1,149,763
Bi-Annual Retailer Event	Items	81,817	0	0	10	)8	0	0		2,183,391	0	0		108	8,733,563
Retailer Co-op	Items	0	0	0	0	)	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0	0	)	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0	0	)	0	0		0	0	0		0	0
Residential New Construction	Homes	20	2	193	1	L	1	72		14,667	985	441,938		74	945,497
Consumer Program Total					-5,1	45	480	1,111		-7,233,290	956,497	2,303,917		-3,555	-21,664,975
Business Program															
Retrofit	Projects	312	876	961	3,2	08	7,233	11,961		16,266,129	42,498,052	78,146,280		22,056	347,545,386
Direct Install Lighting	Projects	444	197	51	50	)1	204	46		1,250,388	736,541	164,667		620	7,158,143
Building Commissioning	Buildings	0	0	0	0	)	0	0		0	0	0		0	0
New Construction	Buildings	15	29	72	85	50	1,304	2,241		3,604,553	4,825,774	8,636,179		4,401	46,187,216
Energy Audit	Audits	119	77	270	60	)4	439	2,383		2,945,189	2,145,367	13,100,635		3,426	44,418,129
Small Commercial Demand Response	Devices	0	0	0	0	)	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	)	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0	0	)	0	0		0	0	0		0	0
Business Program Total					5,1	62	9,181	16,631		24,066,259	50,205,734	100,047,761		30,503	385,148,444
Industrial Program															
Process & System Upgrades	Projects	0	0	2	0	)	0	324		0	0	968,659		324	1,937,318
Monitoring & Targeting	Projects	0	1	3	0	)	0	54		0	528,000	639,348		54	2,862,696
Energy Manager	Projects	1	93	101	27	7	1.067	2.395		241.515	8.266.841	25.814.853		4.345	81.853.489
Retrofit	Projects	0	0	0	0	)	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0	0	)	0	0		0	0	0		0	0
Industrial Program Total		-			27	7	1,067	2,774		241,515	8,794,841	27,422,860		4,723	61,215,516
Home Assistance Program							,				-, - ,-	, ,,			
Home Assistance Program	Homes	0	887	2,898	0	)	222	791		0	1,316,749	4,321,794		1,009	12,515,300
Home Assistance Program Total				,	0		222	791		0	1,316,749	4,321,794		1,009	8,581,177
Aboriginal Drogram					_				-		_//	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_	_,	-,,
Home Assistance Program	Homes	0	0	133	0		0	134		0	0	563,715	1	134	1,127,430
Direct Install Lighting	Projects	0	0	0	0		0	0		0	0	0		0	0
	Projects	0	0	U	0		0	134		0	0	563,715	-	134	1,127,430
Aboriginal Program Total						,	0	134		0	U	505,715		134	1,127,430
Pre-2011 Programs completed in 2011		10											-	400	0.400.445
Electricity Retrofit Incentive Program	Projects	12	0	0	13	-	0	0		545,536	0	0		138	2,182,145
High Performance New Construction	Projects	37	4	15	1,5		363	-184		2,398,941	2,832,533	-993,596		1,686	16,106,171
Toronto Comprehensive	Projects	0	15	4	0		672	185		0	4,523,517	1,324,388		857	16,219,327
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0		0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0	0		0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total					1,64	45	1,035	2		2,944,477	7,356,050	330,792		2,682	11,104,528
Other															
Program Enabled Savings	Projects	33	55	33	1,7	76	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Time-of-Use Savings	Homes	0	0	0	0	)	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0	0	)	0	0		0	0	0		0	0
Other Total					1,7	76	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Adjustments to 2011 Verified Results			_		3,4					27,746,535				3.215	110,143,550
Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results					3,4	05	15,697			27,740,535	80,111,558			3,215	238,780,637
Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results							15,697	23,463			80,111,558	145,679,403		15,401 24,391	238,780,637 296,465,211
	otal				3,4	65	15,697	23,463		27,746,535	90 111 550	145,679,403		43,006	645,389,397
Adjustments to Previous Years' Verified Results To											80,111,558			43,006	045,389,39/
Activity and savings for Demand Response resources for each from all active facilities or devices contracted since January 1, cumulatively).				sults shown in this ta ersisted savings in the					mormation	r presenteu above	, is presented in t	nemplementatio	ni year.		

Orillia Power Distribution Corporation

#### Table 8: Province-Wide Realization Rate & NTG

	Peak Demand Savings						Energy Savings									
Initiative		Realizat	ion Rate			Net-to-Gr	oss Ratio			Realizatio	n Rate			Net-to-Gro	oss Ratio	
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	1.00	1.00	0.51	0.46	0.42	0.45	1.00	1.00	1.00	1.00	0.46	0.47	0.44	0.47
Appliance Exchange	1.00	1.00	1.00	1.00	0.51	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	1.00	1.00	0.60	0.50	0.48	0.48	1.00	1.00	1.00	1.00	0.50	0.49	0.48	0.48
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.69	1.00	1.00	1.00	1.00	1.00	1.05	1.13	1.73
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.12	0.91	1.04	1.74	1.00	1.00	1.00	1.00	0.91	0.92	1.04	1.75
Retailer Co-op	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	1.00	3.65	0.78	1.03	0.41	0.49	0.63	0.63	3.65	7.17	3.09	0.62	0.49	0.49	0.63	0.63
Business Program																
Retrofit	1.06	0.93	0.92	0.84	0.72	0.75	0.73	0.71	0.93	1.05	1.01	0.98	0.75	0.76	0.73	0.72
Direct Install Lighting	1.08	0.69	0.82	0.78	1.08	0.94	0.94	0.94	0.69	0.85	0.84	0.83	0.94	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	1.97	n/a	n/a	n/a	1.00	n/a	n/a	n/a	1.16	n/a	n/a	n/a	1.00
New Construction	0.50	0.98	0.68	0.71	0.50	0.49	0.54	0.54	0.98	0.99	0.76	0.79	0.49	0.49	0.54	0.54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program		-														
Process & System Upgrades	n/a	n/a	0.85	0.96	n/a	n/a	0.94	0.79	n/a	n/a	0.87	0.96	n/a	n/a	0.93	0.80
Monitoring & Targeting	n/a	n/a	n/a	0.59	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.36	n/a	n/a	n/a	1.00
Energy Manager	n/a	1.16	0.90	0.91	n/a	0.90	0.90	0.90	1.16	1.16	0.90	0.96	0.90	0.90	0.90	0.85
Retrofit	1.11	n/a	n/a	n/a	0.72	n/a	n/a	n/a	0.91	n/a	n/a	n/a	0.75	n/a	n/a	n/a
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	1.00	0.32	0.26	0.49	0.70	1.00	1.00	1.00	0.32	0.99	0.88	0.78	1.00	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	0.05	0.15	n/a	n/a	1.00	1.00	n/a	n/a	0.95	0.97	n/a	n/a	1.00	1.00
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011										1						
Electricity Retrofit Incentive Program	0.80	n/a	n/a	n/a	0.54	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	n/a	0.49	0.50	0.50	0.50	1.00	1.00	1.00	n/a	0.50	0.50	0.50	0.50
Toronto Comprehensive	1.13	n/a	n/a	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	0.93	n/a	n/a	n/a	0.78	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	1.00	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other			,						, -	1 /-	, · ·	1 / -	, -	1 **	, ·	
Program Enabled Savings	n/a	1.06	1.00	0.86	n/a	1.00	1.00	1.00	n/a	2.26	1.00	0.98	n/a	1.00	1.00	1.00
Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	17 a	Π/a	11/a	11/ a	Πa	11/a	Π/a	iγa	17.0	11/a	170	ii/a	11/a	Πa	11/0	Πja

# **Summary Provincial Progress Towards CDM Targets**

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

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

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

Implementation Period		Cumulative										
Implementation Period	2011	2012	2013	2014	2011-2014							
2011	606.9	606.9 603.0 601.0 582.3										
2012†	18.7	18.7 503.6 498.4 492.6										
2013†	1.7	1.7 44.4 603.3 583.4										
2014†	7.3	44.8	191.0	1,170.8	1,413.9							
	Ver	ified Net Cumula	ative Energy Sav	ings 2011-2014:	6,553.0							
	6,000											
Ver	Verified Portion of Cumulative Energy Target Achieved in 2014 (%):											

*†Includes adjustments to previous years' verified results* 

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

# METHODOLOGY

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

	EQUATIONS
Prescriptive Measures and Projects	Gross Savings = Activity * Per Unit Assumption Net Savings = Gross Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
Engineered and Custom Projects	Gross Savings = Reported Savings * Realization Rate Net Savings = Gross Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
Demand Response	Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR)
Adjustments to Previous Years' Verified Results	All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
<b>Consumer Program</b>	n		
Appliance Retirement	2008 & 2009 residential throughput: Home	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined
Appliance Exchange	III)(* When nostal code is not available results	Savings are considered to begin in the year that the exchange event occurred.	using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free- ridership and spillover (net) at the measure level.
HVAC Incentives	Results directly attributed to LDC based on customer postal code.	Savings are considered to begin in the year that the installation occurred.	

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings	
Residential New Construction	system initiative was not evaluated in 2011	Savings are considered to begin in the year of the project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free- ridership and spillover (net) at the measure level.	
Business Program				
Efficiency: Equipment Replacement	system. Projects in the Application Status: "Post-Stage Submission" are included	Savings are considered to begin in the year of the actual project completion date in the iCON system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).	
	Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014)			

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free- ridership and spillover for both peak demand and energy savings at the program level (net).
Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free- ridership and spillover (net).
New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	
Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free- ridership and spillover (net).

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free- ridership and spillover (net).
Energy Manager	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free- ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&L program	Application Status: "Post-Stage Submission"	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non- lighting project, engineered/custom/prescriptive track).
	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings		
Home Assistance Pro	ogram				
Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free- ridership and spillover (net) at the measure level.		
Aboriginal Program					
Aboriginal Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free- ridership and spillover (net) at the measure level.		

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

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

## Consumer Program Allocation Methodology

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

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

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

## **Reporting Glossary**

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).

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

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

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

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

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

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

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

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

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

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

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

Spillover: Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.

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

## 2011-2014 Final Results Report\_HCOrillia Power Distribution Corporation

## Table 11: Orillia Power Distribution Corporation Initiative and Program Level Gross Savings by Year

Unit	(new pea <sup>)</sup>			orting period)	(new e			period)
	2011	2012	2013	2014	2011	2012	2013	2014
Appliances	25	6	8	4	175,187	40,097	49,129	30,453
Appliances	1	1	6	4	1,666	2,648	11,231	7,019
Equipment	96	73	71	111	186,462	134,176	127,944	209,519
Items	3	1	1	3	45,998	3,610	18,627	46,225
Items	4	4	3	13	73,229	79,552	44,759	191,256
Items	0	0	0	0	0	0	0	0
Devices	0	0	0	8	0	0	0	0
Devices	0	0	0	0	0	0	0	0
Homes	0	0	0	0	0	0	0	0
	129	85	89	144	482,541	260,083	251,689	484,472
			•	•		*	•	•
Projects	73	160	110	59	541,038	744,425	380,022	495,841
Projects	130	105	124	107	406,827	357,967	446,920	421,056
Buildings	0	0	0	0	0	0	0	0
Buildings	0	0	0	0	0	0	0	0
Audits	0	0	0	40	0	0	0	194,556
Devices	0	0	0	0	0	0	0	0
Devices	0	0	0	0	0	0	0	0
Facilities	38	38	39	35	1,481	553	515	0
	241	303	272	241	949,345	1,102,945	827,458	1,111,453
		<u>.</u>					·	
Projects	0	0	0	0	0	0	0	0
Projects	0	0	0	0	0	0	0	0
Projects	0	0	0	0	0	0	0	0
Projects	0	0	0	0	0	0	0	0
Facilities	490	349	436	436	28,742	8,416	19,363	0
	490	349	436	436	28,742	8,416	19,363	0
Homes	0	67	3	2	0	49,698	33,675	14,851
	0	67	3	2	0	49,698	33,675	14,851
				•		• · · · · · · · · · · · · · · · · · · ·		
Homes	0	0	0	0	0	0	0	0
								0
								0
		<u> </u>		-		-		
Projects	83	0	0	0	281 832	0	0	0
								0
-								0
								0
								0
								0
n	339	1	0	U	1,598,389	596	U	U
					-			0
					-			0
Projects					0	0	0	0
	0	0	0	126	0	0	0	0
		251	0	873		1,807,439	0	4,474,574
			17	46			85,493	174,452
		1		6				181,319
	671	/10	226	470	2 020 705	1 /12 760	1 112 207	1 610 775
	671	418	326	470	3,028,795	1,412,769	1,112,307	1,610,775
esults Total	671 528 0	418 387 251	326 475 17	470 480 925	3,028,795 30,222 0	1,412,769 8,969 1,807,439	1,112,307 19,878 85,493	1,610,775 0 4,830,345
	Appliances Appliances Equipment Items Items Devices Devices Devices Projects Projects Buildings	Appliances     2011       Appliances     1       Equipment     96       Items     3       Items     4       Items     0       Devices     0       Devices     0       Devices     0       Devices     0       Projects     73       Projects     73       Projects     130       Buildings     0       Buildings     0       Buildings     0       Devices     0       Projects     0 <t< td=""><td>Unit(new peak demand savings from activity)20112012Appliances25Appliances1Equipment969673Items311Items41tems0Devices000Devices000Projects731600Projects731600Projects731600Projects731600Projects0Buildings000Buildings000Devices000Projects000Projects000Projects000Projects000Projects0067Homes000Projects000Projects000Projects000Projects000Projects000Projects000Projects000Projects000Projects000Projects00</td><td>2011         2012         2013           Appliances         1         1         6           Appliances         1         1         6           Equipment         96         73         71           Items         3         1         1           Items         4         4         3           Items         0         0         0           Devices         0         0         0           Devices         0         0         0           Projects         73         160         110           Projects         130         105         124           Buildings         0         0         0           Adudts         0         0         0           Devices         0         0         0           Projects         0         0         0           <td< td=""><td>Intermed events avings from activity within the specified reporting period)2011201220132014Appliances25684Appliances1164Equipment9673711111Etems3113Items44313Items0000Devices0000Devices0000Items310010090Items0000Devices0000Projects7316011099Projects130105124107Buildings0000Buildings0000Buildings0000Devices0000Devices0000Devices0000Projects73383935Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000<t< td=""><td>Unit         new pesk dward swings from activity within the specified reporting period)         period           2011         2012         2013         2014         2011           Applances         2011         2014         2014         2011           Applances         1         6         4         1.66</td><td>Interpretability into specified reporting profileInterpretability into specified reporting profileInterpretability into specified reporting profile201120122013201420112014201120132014201120142011Applinter256844Applinter256844Applinter967.37.11.111.816.4621.11/16First34.133.1347.2297.752.16First00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.0</td><td>Unit(now percent perc</td></t<></td></td<></td></t<>	Unit(new peak demand savings from activity)20112012Appliances25Appliances1Equipment969673Items311Items41tems0Devices000Devices000Projects731600Projects731600Projects731600Projects731600Projects0Buildings000Buildings000Devices000Projects000Projects000Projects000Projects000Projects0067Homes000Projects000Projects000Projects000Projects000Projects000Projects000Projects000Projects000Projects000Projects00	2011         2012         2013           Appliances         1         1         6           Appliances         1         1         6           Equipment         96         73         71           Items         3         1         1           Items         4         4         3           Items         0         0         0           Devices         0         0         0           Devices         0         0         0           Projects         73         160         110           Projects         130         105         124           Buildings         0         0         0           Adudts         0         0         0           Devices         0         0         0           Projects         0         0         0 <td< td=""><td>Intermed events avings from activity within the specified reporting period)2011201220132014Appliances25684Appliances1164Equipment9673711111Etems3113Items44313Items0000Devices0000Devices0000Items310010090Items0000Devices0000Projects7316011099Projects130105124107Buildings0000Buildings0000Buildings0000Devices0000Devices0000Devices0000Projects73383935Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000<t< td=""><td>Unit         new pesk dward swings from activity within the specified reporting period)         period           2011         2012         2013         2014         2011           Applances         2011         2014         2014         2011           Applances         1         6         4         1.66</td><td>Interpretability into specified reporting profileInterpretability into specified reporting profileInterpretability into specified reporting profile201120122013201420112014201120132014201120142011Applinter256844Applinter256844Applinter967.37.11.111.816.4621.11/16First34.133.1347.2297.752.16First00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.0</td><td>Unit(now percent perc</td></t<></td></td<>	Intermed events avings from activity within the specified reporting period)2011201220132014Appliances25684Appliances1164Equipment9673711111Etems3113Items44313Items0000Devices0000Devices0000Items310010090Items0000Devices0000Projects7316011099Projects130105124107Buildings0000Buildings0000Buildings0000Devices0000Devices0000Devices0000Projects73383935Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000Projects0000 <t< td=""><td>Unit         new pesk dward swings from activity within the specified reporting period)         period           2011         2012         2013         2014         2011           Applances         2011         2014         2014         2011           Applances         1         6         4         1.66</td><td>Interpretability into specified reporting profileInterpretability into specified reporting profileInterpretability into specified reporting profile201120122013201420112014201120132014201120142011Applinter256844Applinter256844Applinter967.37.11.111.816.4621.11/16First34.133.1347.2297.752.16First00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.0</td><td>Unit(now percent perc</td></t<>	Unit         new pesk dward swings from activity within the specified reporting period)         period           2011         2012         2013         2014         2011           Applances         2011         2014         2014         2011           Applances         1         6         4         1.66	Interpretability into specified reporting profileInterpretability into specified reporting profileInterpretability into specified reporting profile201120122013201420112014201120132014201120142011Applinter256844Applinter256844Applinter967.37.11.111.816.4621.11/16First34.133.1347.2297.752.16First00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.00.00.00.00.00.0Docide0.0	Unit(now percent perc

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

\*Includes adjustments after Final Reports were issued

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

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

Table 12: Adjustments to Orillia Power Distribution Corporation Gross Verified Results due to Variances

Initiative	Unit		ross Incremental Pea d savings from activit			(new energy sa	Gross Incremental Energy Savings (kWh)         colspan="2">2012       2013       2014         2012       2013       2014         0       0       0       0		
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-17	4	5		-32,345	6,880	8,925	
Conservation Instant Coupon Booklet	Items	0	0	0		697	0	56	
Bi-Annual Retailer Event	Items	0	0	0		6,462	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	0	0		0	0	0	
Consumer Program Total		-17	4	5		-25,186	6,880	8,981	
Business Program									
Retrofit	Projects	0	9	0		0	220,697	156,138	
Direct Install Lighting	Projects	12	4	1		29,627	17,094	4,709	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	0	0	0		0	0	0	
Energy Audit	Audits	0	0	0		0	0	0	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		12	13	1		29,627			
Industrial Program			•	•				<u> </u>	
Process & System Upgrades	Projects	0	0	0		0	0	0	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	0		0		0	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		0	0	0		0			
Home Assistance Program				-					
Home Assistance Program	Homes	0	0	3		0	15.336	11,608	
Home Assistance Program Total		0	0	3		0			
Aboriginal Program			-						
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0			
	FIOJECIS	0	0	0		0			
Aboriginal Program Total		0	v	U		U	U	U	
Pre-2011 Programs completed in 2011	Drojecto	<u>^</u>	0	0		0		<u>^</u>	
Electricity Retrofit Incentive Program	Projects	0	0	0		0			
High Performance New Construction	Projects	256	0	0		1,802,998	0	0	
Toronto Comprehensive	Projects	0	0	0		0	0	0	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		256	0	0		1,802,998	0	0	
Other									
Program Enabled Savings	Projects	0	0	0		0	0	0	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		0	0	0		0	0	0	
Adjustments to 2011 Verified Results		251				1,807,439			
Adjustments to 2011 Verified Results			17			2,007,400	260,007		
Adjustments to 2012 Verified Results				9			200,007	181,435	
Total Adjustments to Previous Years' Verified Results		251	17	9		1,807,439	260,007	181,435	
Activity and savings for Demand Response resources for each year				-		1,007,105	200,007	101,.00	

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 are not considered official 2014 Final Verified Results (reported cumulatively).

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

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

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively). Gross results substituted for gross results due to unavailability of data

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

Constant Accord <b< th=""><th>Initiative</th><th>Unit</th><th></th><th>Incremental Peak Demar vings from activity within</th><th></th><th>ng period)</th><th colspan="4">Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period</th></b<>	Initiative	Unit		Incremental Peak Demar vings from activity within		ng period)	Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period			
Applances         O         O         O         O         O         O         O         O         O         O         O           MAC Incredives         Fugument         5,750         3,071         2,157         0         12,55,75         0         255,75         0         255,75         0         255,75         0         0         0         0         0         14,011,015         10         0			2011	2012	2013	2014	2011	2012	2013	2014
nphono         0         142 (100)         142 (1	Consumer Program									
nvice (nerrorites - conversion instantial forgame South (instantial data)         149,7         10,9         10,94         2,25,7         10,24,10,00         15,24,27,3         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         3,127,34,00         0	Appliance Retirement	Appliances	0	0	0		0	0	0	
Consistion Instant Coopen Decidet         Item         15         0         1         0         25,575         0         20,264           Real entropy of them         Item         0         0         0         0         22,735,565         0         0         0           Readered Denard Regione         Devies         0	Appliance Exchange	Appliances	0	0	0		0	0	0	
BA-DATURE Statistic Series         Instruct         Ins	HVAC Incentives	Equipment	-8,759	1,091	2,157		-16,241,086	1,952,473	3,873,449	
Intelligenci (array array	Conservation Instant Coupon Booklet	Items	15	0	1		255,975	0	20,668	
Decisional Dermand Response (iii)         Devices         0         0         0         0         0         0         0         0           Residential Dermand Response (iii)         Devices         0         0         1 <th1< td="" th<=""><td>Bi-Annual Retailer Event</td><td>Items</td><td>117</td><td>0</td><td>0</td><td></td><td>2,373,616</td><td>0</td><td>0</td><td></td></th1<>	Bi-Annual Retailer Event	Items	117	0	0		2,373,616	0	0	
Risidential Dermind Responte (IPC)         Device (ICC)         0 </td <td>Retailer Co-op</td> <td>Items</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td>	Retailer Co-op	Items	0	0	0		0	0	0	
Risciential Response (Hu)         Devices (Hores)         D <thd< th="">         D         D         <thd< th=""></thd<></thd<>	Residential Demand Response	Devices	0	0	0		0	0	0	
Consume Program Total         8,628         1,928         2,273         13,284,402         1,958,605           Starters Drug can         Projects         4,511         10,114         16,584         12,204,691         55,77,66           During Commissioning         Buildings         Diverse Install Upting         0         0         0         0         0,66         0,65         0,73         1,51,14         11,32,55,81         58,73,749         19,85,73,65           During Commissioning         Buildings         During Commissioning         During Commissioning         0,0         0         0         0,0		Devices	0	0	0		0	0	0	
Indext program         Control         Projects         0<	Residential New Construction	Homes	1	1	115		330,093	2,009	701,488	
Indext program         Control         Projects         0<	Consumer Program Total		-8,628	1,092	2,273		-13,281,402	1,954,483	4,595,605	
Direct inal Lighing         Projects         Sci         217         49         1         346.618         783.888         174.400           Building Commissioning         Buildings         3,287         2,673         4,151         0	Business Program			· ·				<u> </u>		
Direct inal Lighing         Projects         Sci         217         49         1         346.618         783.888         174.400           Building Commissioning         Buildings         3,287         2,673         4,151         0	Retrofit	Proiects	4,511	10.114	16.584		22,046.931	58,528.789	108,677.566	
nulling best Contruction         nulling builting best Contruction         0										
new Construction         Buildings         3,287         2,673         4,151         I         11,323,93         9,884,305         15,992,294           Energy Autif         Audif         605         488         3,611         2,391,744         2,386,374         19,822,524           Small Commercial Demand Response         Devices         0								,	,	
Sergy Auht         Auht         566         688         3,631         C         2,391,744         2,386,374         13982,234           Snall Commercial Demand Response         Devices         0 <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-								
Snall Commercial Demand Response         Devices         0										
Small Commercial Demand Response (HPI)         Devices         0 <td></td>										
Demand Response 3         Facilities         0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td>								-	-	
Business Program Total         8,996         13,491         24,414         37,108,886         71,581,326         144,667,473           Indistrial frogram Orcess & Synthe Uggrades         Projects         0         0         426         0         0         0.222,785           Monitoring & Targeting         Projects         0         0         54         0         528,000         639,348           Bergy Manager         Projects         0         0         0         0         0         0         28,983,050         28,933,506           Retroffi         Projects         0 <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				-						
Industrial Program         Projects         Projects         0         0         426         0         0         1,232,785           Anotioring & Targeting         Projects         0         0         0         426         0         0         1,232,785           Energy Manager         Projects         2.9         1,071         2,687         0         0         8,866,007         28,893,596           Demand Response 3         facilities         0	· · · · · · · · · · · · · · · · · · ·	Facilities								
process & System Uggrades         Projects         0         0         426         0         0         1.232,785           Monitoring & Targeting         Projects         0         0         54         0         548,000         639,348           Lergy Manager         Projects         0 </td <td></td> <td></td> <td>8,990</td> <td>13,491</td> <td>24,414</td> <td></td> <td>57,108,880</td> <td>71,381,320</td> <td>144,007,473</td> <td></td>			8,990	13,491	24,414		57,108,880	71,381,320	144,007,473	
Monitoring & Targeting         Projects         0         0         54         0         53           Energy Manager         Projects         29         1,071         2,687         0         8,98,007         28,93,96           Bernoft         Projects         0 <td< td=""><td></td><td>Drojosta</td><td>0</td><td>0</td><td>426</td><td></td><td>0</td><td>0</td><td>1 222 785</td><td></td></td<>		Drojosta	0	0	426		0	0	1 222 785	
Energy Manager         Projects         29         1,071         2,687         0         0         8,968,007         28,893,596           Retrofit         Projects         0										
Retrofit         Projects         0 <th0< th="">         0         0</th0<>				-			-		,	
Demand Response 3         Facilities         0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>							-			
Industrial Program Total         29         1,071         3,168         0         9,496,007         30,765,729           Home Assistance Program         Homes         0         222         791         0         1.316,749         4,321,794           Home Assistance Program Total         0         222         791         0         1.316,749         4,321,794           Aborginal Program Total         0         0         1.346         0         0         563,715           Direct Instal Lighting         Projects         0			-	-	-		-			
Home Assistance Program         Homes           Home Assistance Program         O         222         791         0         1,316,749         4,321,794           Home Assistance Program Total         0         222         791         0         1,316,749         4,321,794           Home Assistance Program Total         0         222         791         0         1,316,749         4,321,794           Home Assistance Program Total         0         0         134         0         0         1,316,749         4,321,794           Home Assistance Program Total         0         0         134         0         0         0         563,715           Direct Install Lighting         Projects         0         0         134         0 <t< td=""><td></td><td>Facilities</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		Facilities								
Home Assistance Program Otal         Homes         0         222         791         0         0         1,316,749         4,321,749           Home Assistance Program Total         O         222         791         0         0         1,316,749         4,321,749           Aboriginal Program         Homes         O         0         0         1,316,749         4,321,749           Aboriginal Program         Homes         0         0         1,316,749         4,321,749           Home Assistance Program         Homes         0	÷		29	1,071	3,168		0	9,496,007	30,765,729	
Home Assistance Program Total         0         222         791         0         1,316,749         4,321,794           Aboriginal Program         Homes         0         0         134         0         0         563,715           Direct Install Lighting         Projects         0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Aboriginal Program         Homes         0         0         134         0         0         563,715           Direct Install Lighting         Projects         0		Homes								
Home Assistance Program         Homes         0         0         134         0         0         563,715           Direct Install Lighting         Projects         0<			0	222	791		0	1,316,749	4,321,794	
Direct Install Lighting         Projects         0 <th< td=""><td>Aboriginal Program</td><td></td><td></td><td>î.</td><td>1</td><td></td><td></td><td>1</td><td>1</td><td></td></th<>	Aboriginal Program			î.	1			1	1	
Aboriginal Program Total         0         0         134         0         0         563,715           Pre-2011 Programs completed in 2011         Electricity Retrofit Incentive Program         Projects         266         0         0         1,049,108         0         0         0           High Performance New Construction         Projects         13,072         727         405         23,905,663         5,665,066         1,535,048           Toronto Comprehensive         Projects         0         1,920         529         0         12,924,335         3,783,965           Multifamily Energy Efficiency Rebates         Projects         0	Home Assistance Program								563,715	
Pre-2011 Programs completed in 2011         V         V           Electricity Retrofit Incentive Program         Projects         266         0         0         1,049,108         0         0           High Performance New Construction         Projects         13,072         727         405         23,905,663         5,665,066         1,535,048           Toronto Comprehensive         Projects         0         1,920         529         0         12,924,335         3,783,965           Multifamily Energy Efficiency Rebates         Projects         0<		Projects							-	
High Performance New Construction         Projects         13,072         727         405         23,905,663         5,665,066         1,535,048           Toronto Comprehensive         Projects         0         1,920         529         0         12,924,335         3,783,965           Multifamily Energy Efficiency Rebates         Projects         0	Aboriginal Program Total		0	0	134		0	0	563,715	
High Performance New Construction         Projects         13,072         727         405         23,905,663         5,665,066         1,535,048           Toronto Comprehensive         Projects         0         1,920         529         0         12,924,335         3,783,965           Multifamily Energy Efficiency Rebates         Projects         0	Pre-2011 Programs completed in 2011									
Documentative         Projects         0         1,920         529         0         12,924,335         3,783,965           Multifamily Energy Efficiency Rebates         Projects         0	Electricity Retrofit Incentive Program	Projects	266	0	0		1,049,108	0	0	
Multifamily Energy Efficiency Rebates         Projects         0 <td>High Performance New Construction</td> <td>Projects</td> <td>13,072</td> <td>727</td> <td>405</td> <td></td> <td>23,905,663</td> <td>5,665,066</td> <td>1,535,048</td> <td></td>	High Performance New Construction	Projects	13,072	727	405		23,905,663	5,665,066	1,535,048	
LDC Custom Programs         Projects         0 </td <td>Toronto Comprehensive</td> <td>Projects</td> <td>0</td> <td>1,920</td> <td>529</td> <td></td> <td>0</td> <td>12,924,335</td> <td>3,783,965</td> <td></td>	Toronto Comprehensive	Projects	0	1,920	529		0	12,924,335	3,783,965	
LDC Custom Programs         Projects         0 </td <td>Multifamily Energy Efficiency Rebates</td> <td>Projects</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td>	Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total         13,337         2,647         934         24,954,771         18,589,400         5,319,013           Other			0	0	0		0	0	0	
Other         Image: constraint of the solution of the solutio			13.337	2.647				18.589.400	5.319.013	
Program Enabled Savings         Projects         1,776         3,712         2,020         1,673,712         11,481,687         10,688,564           Time-of-Use Savings         Homes         0			,	_,• .,			,_ , .,		-,	
Time-of-Use Savings         Homes         0		Projects	1 776	2 71 2	2.020		1 672 712	11 /191 607	10 699 564	
LDC Pilots         Projects         0										
Other Total         1,776         3,712         2,020         1,673,712         11,481,687         10,688,564           Adjustments to 2011 Verified Results         15,511         Image: Control of the second s										
Adjustments to 2011 Verified Results         15,511         50,455,967		Projects								
	Other Total		1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Adjustments to 2012 Verified Results 22,235 114.419.652	Adjustments to 2011 Verified Results		15,511				50,455,967			
	Adjustments to 2012 Verified Results			22,235				114,419,652		
Adjustments to 2013 Verified Results 33,734 200,921,892	Adjustments to 2013 Verified Results				33,734				200,921,892	
Adjustments to Previous Years' Verified Results Total 15,511 22,235 33,734 50,455,967 114,419,652 200,921,892	Adjustments to Previous Years' Verified Results To	otal	15,511	22,235	33,734		50,455,967	114,419,652	200,921,892	

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

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1  $\ensuremath{\mathsf{ver}}$ 

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