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BY COURIER

October 31, 2016

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

Attention: Kirsten Walli, Board Secretary

Dear Ms. Walli:

**Re: Orillia Power Distribution Corporation (Orillia Power)
2017 Electricity Distribution Rate Application**

Please find accompanying this letter two (2) hard copies of Orillia Power's Application for Electricity and Distribution Rates and Charges effective May 1, 2017 which has been electronically filed through the Board's web portal, including:

Orillia_APPL_2017 EDR_20161031 (searchable PDF)
Orillia_APPL_2017 EDR_Res Rate Design_20161031 (excel)
Orillia_APPL_2017 EDR_DVA Continuity Schedule_20161031 (excel)
Orillia_APPL_2017 EDR_OEB LRAMVA Work Form_20161031 (excel)
Orillia_APPL_2017 EDR_Tariff Schedule and Bill Impacts_20161031 (excel)
Orillia_APPL_2017 EDR_IESO Final 2015 Verified Results Report_20161031 (excel)
Orillia_APPL_2017 EDR_IESO Final 2011-2014 Verified Results Report_20161031 (excel)
Orillia_APPL_2017 EDR_LRAMVA by Rate Class_20161031 (excel)

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

Respectfully submitted,

Pauline Welsh
Manager of Regulatory Affairs



360 West St. S., P.O. Box 398, Orillia ON L3V 6J9
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**ORILLIA POWER DISTRIBUTION
CORPORATION**
Electricity Distribution Rate Application
Effective May 1, 2017

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 with respect to disposition
of an LRAMVA balance and the implementation of the
new rate design for Residential customers for the
distribution of electricity as of May 1, 2017.

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.
2. 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 a rate rider for the disposition of Account 1568 LRAMVA balance and the 2nd year of implementation of the Board policy, A New Distribution Rate Design for Residential Electricity Customers (EB-2012-0410), effective May 1, 2017.
3. Specifically, Orillia Power hereby applies for an order or orders granting certain distribution rates adjusted in accordance with the *Filing Requirements for Electricity Distribution Rate Applications* revised July 14, 2016 ("Filing Requirements").
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, 2017, 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 2017 distribution rate tariff sheet.
6. 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 31st day of October, 2016

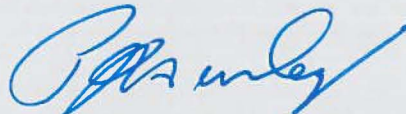
All of which is respectfully submitted,

Orillia Power Distribution Corporation

Pauline Welsh
Manager of Regulatory Affairs

Certification of Evidence

As the Chief Financial Officer of Orillia Power Distribution Corporation, I certify that the evidence filed in Orillia Power's 2017 EDR application is accurate and complete to the best of my knowledge. The filing is consistent with the requirements of the Filing Requirements for Electricity Distribution Rate Applications revised on July 14, 2016.



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

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- A. Current Tariff of Rates and Charges
- B. Proposed Tariff of Rates and Charges
- C. Bill Impacts
- D. New Rate Design for Residential Customers
- E. Deferral and Variance Account (Continuity Schedule) Work Form
- F. 2011-2015 LRAMVA Report
- G. OEB LRAMVA Work Form
- H. IESO Final 2015 Verified Results
- I. IESO Final 2011-2014 Verified Results

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

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 13,500 customers within the City of Orillia. Orillia Power charges customers' distribution rates and other charges as authorized by the Ontario Energy Board ("the Board").

Orillia Power is submitting an Electricity Distribution Rate Application ("the Application") for 2017 electricity distribution rates effective May 1, 2017. The Application has been prepared in accordance with the Board's *Filing Requirements for Electricity Distribution Rate Applications*, revised July 14, 2016 (the "Filing Requirements").

On April 2, 2015, the Board released its policy entitled, A New Distribution Rate Design for Residential Electricity Customers (EB-2012-0410), followed by its implementation letter, dated July 16, 2015, which states at page 3:

"The OEB expects that all distributors will file an application for 2016 rates to begin the implementation of fixed residential distribution rates even if the distributor had not planned to file a rate change application in 2016. Given that fixed rates for residential classes are revenue neutral, the OEB is of the view that adjustments to the residential rate structure should be carried out in distribution service areas even where a rate freeze is in effect due to a merger agreement."

Orillia Power received Board approval for the 1st year of the implementation of the new Distribution Rate Design for Residential Electricity Customers effective May 1, 2016 in the Decision and Order EB-2015-0024 dated March 17, 2016. In accordance with the Board's implementation letter noted above, Orillia Power hereby applies to the Board for approval of proposed distribution rates for the 2nd year of implementation of the new Distribution Rate Design for Residential Electricity Customers effective May 1, 2017.

Orillia Power is also requesting a new rate rider for the disposition of Account 1568 LRAMVA balance of \$393,717 effective May 1, 2017.

Rate payers within Orillia Power's service territory in the Residential, General Service Less Than 50 kW and General Service Greater Than or Equal to 50 kW will be affected by the Application.

2 Rate Riders

Certain rate riders in the current Tariff of Rates and Charges will expire and accordingly have been removed in the proposed Tariff of Rates and Charges:

- 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 Application of Tax Change (2016) - effective until April 30, 2017; and
- Rate Rider for Disposition of Account 1576 – effective until December 31, 2016 – Approved on an Interim Basis.

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

- Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) – effective until April 30, 2018.

3 Rate Design for Residential Electricity Customers

On April 2, 2015, the Board released its 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. The transition began in 2016 to be completed over a 4-year period. This is the 2nd year of transition. Orillia Power has calculated the change to fixed and variable residential rates consistent with this policy using sheet App.2-PA_Res_Rate_Design from the 2016 Filing Requirements Chapter 2 Appendices_V2.2.

The Filing Requirements Section 3.2.3 (page 9) state:

“For 2017, the monthly service charge would have to rise more than \$4 per year in order to affect the length of the transition to fixed rates. It is expected that in most cases, only

an additional transition year would be required to make the changes within the \$4 impact threshold identified in the policy.”

Orillia Power has used Appendix 2-PA from the Filing Requirements for 2016 filers in order to calculate the proposed monthly fixed service charges and resulting volumetric charges. Calculations were determined using the customer numbers and usage data approved in Orillia Power’s 2010 Cost of Service Application¹. The incremental fixed charge (\$/month/year) calculated in App.2-PA_Res_Rate_Design is \$3.39 per month (\$21.07 - \$17.68) which is within the \$4.00 threshold set by the Board. Table 1 and 2 show base rates and revenues for current and proposed base rate.

Table 1 – Current Base Rates

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	17.68	11,409	\$ 2,420,533	63.45%
Variable	0.0127	109,779,129	\$ 1,394,195	36.55%
TOTAL	-	-	\$ 3,814,728	-

Table 2 – Proposed Base Rates

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	21.07	11,409	\$ 2,884,652	75.56%
Variable	0.0085	109,779,129	\$ 933,123	24.44%
TOTAL	-	-	\$ 3,817,774	-

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 10th consumption percentile. The process used by Orillia Power to determine the 10th consumption percentile is as follows:

- Orillia Power extracted residential consumption data from its Customer Information System for the year 2015 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 785 kWh per month;
- Using the Excel formula for Percentile, the 10th consumption percentile was calculated to be 305.6 kWh.

Orillia Power calculated the bill impact using the rates proposed under the new rate design for a residential customer using 306 kWh. With commodity rates and regulatory charges held constant, the total bill impact is \$3.26, an increase of 4.4%. The bill impact

¹ EB-2009-0273 Orillia_RA10_Rates Design_20100319

based on the "Delivery" line of the bill is \$2.89, an increase of 9.8% (Table 6 - page 16). The bill impact schedule is included in Appendix C.

The Filing Requirements Section 3.2.3 (page 9) also state:

"If the total bill impact of the elements proposed in this application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required."

The total bill impact for residential customers consuming at the 10th consumption percentile is 4.4% which is less than the 10% threshold set out in the Filing Guidelines. A mitigation plan is not considered necessary.

4 LRAM Variance Account (LRAMVA)

Orillia Power completed the Board's Deferral and Variance Account (Continuity Schedule) Work Form for 2017 - Version 2.7 updated July 21, 2016 (Appendix E). Orillia Power is requesting disposition of Deferral and Variance Account 1568 LRAMVA balance of \$393,717 principal and interest in this Application over a 1-year period in accordance with the Board's EDDVAR Report default disposition period of one year for deferral and variance accounts.

The balance reported in the Continuity Schedule as of December 31, 2015 and the amount filed in the RRR 2.1.7 report filed April 30, 2016 (consistent with Orillia Power's Audited Financial Statements) shows a variance of (\$89,381). The difference relates to an adjustment made on August 31, 2016 to Account 1568 to record updated principal and carrying charges based on final verified results for the period 2011-2015 and as calculated in the OEB LRAMVA Work Form (Appendix G). The LRAMVA balance reported in RRR 2.1.7 on April 30, 2016 of \$298,796 was based on verified results for the period 2011-2014. No adjustment has been made to this account balance which was previously approved by the Board on a final basis.

The OEB established the Lost Revenue Adjustment Mechanism Variance (LRAMVA) Account 1568 to capture the variance between the OEB-approved Conservation and Demand Management (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 lost revenue for the period 2011-2015 and the balances to be

included in LRAMVA Account 1568. In preparing the report, Indeco took into account determinations from the Board staff consultation and the Board Report issued May 19, 2016 that resulted in Board policy updates on the calculation of the LRAMVA in respect of peak demand savings. The OEB LRAMVA Work Form (Appendix G) was completed by Indeco and is referenced throughout the Indeco report, OPDC 2011-2015 LRAMVA Report (Appendix F).

Orillia Power confirms that the most recent input assumptions available at the time of the program evaluation were used when calculating the lost revenue amount. The most recent and appropriate final CDM evaluation reports from the IESO in support of the lost revenue calculation were used. The reports, IESO Final 2015 Verified Results (Appendix H) and IESO Final 2011-2014 Verified Results (Appendix I) have been submitted with the Application in excel format.

Orillia Power's LRAMVA claim represents the full impact of the 2011-2015 programs and their persistence in 2012-2015. Detailed tables for lost revenues for each year are included in the OEB LRAMVA work form (Appendix G). Orillia Power is requesting disposition of Account 1568 LRAMVA balance of \$393,717 summarized in Table 3.

Table 3: LRAMVA Balances by Rate Class

Rate Class	LRAMVA	Carrying Charges	LRAMVA Claim
Residential	\$ 78,296	\$ 2,882	\$ 81,178
General Service Less Than 50 kW	\$ 102,501	\$ 4,059	\$ 106,560
General Service 50 to 4,999 kW	\$ 196,972	\$ 9,007	\$ 205,979
Total LRAMVA Claim	\$ 377,769	\$ 15,948	\$ 393,717

Orillia Power did not have any OEB-approved programs. Orillia Power's 2010 approved load forecast did not include any CDM on account of IESO 2011-2015 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 used 2015 annual metered consumption in kWhs and kW from RRR 2.1.5 Performance Based Regulation, Demand and Revenue, Table 3a, as filed with the Board in April 2016, in the Board's Deferral and Variance Account (Continuity Schedule) Work Form (Appendix E) ("the DVA Work Form") – tab 4. Billing Determinants. Dollars allocated by class were input in the DVA Work Form – tab 5. Allocation of Balances was determined in the OEB LRAMVA Work Form (Appendix G). Dollars allocated to the General Service 50 to 4,999 kW class have been combined with dollars allocated to the

Standby Service Class for calculation of the rate rider for General Service 50 to 4,999 kW.

Proposed rate riders for the Residential and General Service rate classes have been calculated over the proposed 1-year disposition period in the DVA Work Form – Tab 6 Rate Rider Calculations. The proposed LRAMVA rate riders are shown in Table 4. The LRAMVA rate riders do not impact any other rate classes.

Table 4: LRAMVA Balances by Rate Class

Rate Class	Units	Total Metered kWh/kW	LRAMVA Claim	LRMAVA Rate Rider
Residential	kWh	105,211,614	\$ 81,178	\$ 0.0008
General Service Less Than 50 kW	kWh	44,470,936	\$ 106,560	\$ 0.0024
General Service 50 to 4,999 kW	kW	408,583	\$ 205,979	\$ 0.5041
Total LRAMVA Claim			\$ 393,717	

Results are summarized by program and by rate class in Table 5. This table is provided in excel format in Orillia_APPL_2017 EDR_LRAMVA by Rate Class_20161031 submitted with the Application.

Orillia Power Distribution Corporation
2017 Electricity Distribution Rate Application
Submitted: October 31, 2016
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Table 5a: LRAMVA Calculation by CDM Program - Residential

[illegible]

Table 5b: LRAMVA Calculation by CDM Program (continued) – GS<50 kW

[illegible]

Orillia Power Distribution Corporation
2017 Electricity Distribution Rate Application
Submitted: October 31, 2016
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Table 5c: LRAMVA Calculation by CDM Program (continued) – GS 50-4,999 kW and Total LRAMVA

[illegible]

5 Current and Proposed Rates

A PDF copy of Orillia Power's Current Tariff of Rates and Charges is attached as Appendix A. Proposed Tariffs of Rates and Charges effective May 1, 2017 in excel format has been generated using the Board's 2017 Tariff Schedule and Bill Impact Model_V1.02. A PDF copy of Orillia Power's Proposed Tariff of Rates and Charges is attached as Appendix B.

6 Bill Impacts

Orillia Power has calculated bill impacts by rate class using the Board's 2017 Tariff Schedule and Bill Impact Model_V1.02. Bill impact schedules have been prepared for all rate classes. Bill impacts for residential customers in the 10th consumption percentile are discussed in Section 3 of the Manager's Summary.

Bill impacts for Residential, General Service Less Than 50 kW and General Service Greater Than or Equal to 50 kW rate classes customers are impacted by the Application and by the expiry of certain rate riders on or before April 30, 2017. Using proposed rates, with commodity rates and regulatory charges held constant, bill impacts are summarized below for classes impacted by the Application and for all customer classes in Table 6.

Total bill impact:

1. Residential customers using 750 kWh will see an increase of \$2.31 or 1.6%;
2. General Service Less Than 50 kW customers using 2,000 kWh will see an increase of \$9.04 or 2.3%.
3. General Service Greater Than or Equal to 50 kW using 80,000 kWh and 200 kW demand will see a decrease of \$385.53 or -2.7%.

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

4. Residential customers using 750 kWh will see an increase of \$2.05 or 4.9%;
5. General Service Less Than 50 kW customers using 2,000 kWh will see an increase of \$8.00 or 7.5%.
6. General Service Greater Than or Equal to 50 kW using 80,000 kWh and 200 kW demand will see a decrease of \$341.18 or -15.2%.

Based on the above noted bill impacts, a mitigation plan is not considered for any of Orillia Power's rate classes.

Respectfully submitted.

Table 6: Bill Impacts Summary

RATE CLASS	CATEGORY	Units	Sub-Total A (excluding pass through)		Sub-Total B Distribution (includes Sub-Total A)		Sub-Total C Delivery (including Sub-Total B)		Total Bill Impact	
			\$	%	\$	%	\$	%	\$	%
RESIDENTIAL	RPP	kWh	\$ 0.92	3.1%	\$ 2.05	5.9%	\$ 2.05	4.9%	\$ 2.31	1.6%
GENERAL SERVICE LESS THAN 50 KW	RPP	kWh	\$ 5.00	6.4%	\$ 8.00	9.0%	\$ 8.00	7.5%	\$ 9.04	2.3%
GENERAL SERVICE 50 TO 4,999 KW	Non-RPP (Other)	kW	\$ 103.94	9.9%	\$ 341.18	-22.1%	\$ 341.18	-15.2%	\$ 385.53	-2.7%
UNMETERED SCATTERED LOAD	RPP	kWh	\$ 0.01	0.1%	\$ 0.17	1.4%	\$ 0.17	1.3%	\$ 0.19	0.7%
SENTINEL LIGHTING	RPP	kW	\$ 0.07	0.5%	\$ 0.63	3.8%	\$ 0.63	3.2%	\$ 0.71	0.8%
STREET LIGHTING	Non-RPP (Other)	kW	\$ 45.66	0.2%	\$ 1,106.34	-4.1%	\$ 1,106.34	-3.8%	\$ 1,250.16	-2.1%
RESIDENTIAL	Non-RPP (Retailer)	kWh	\$ 0.92	3.1%	-\$ 3.06	-7.7%	-\$ 3.06	-6.5%	-\$ 3.45	-2.2%
GENERAL SERVICE LESS THAN 50 KW	Non-RPP (Retailer)	kWh	\$ 5.00	6.4%	-\$ 5.60	-5.4%	-\$ 5.60	-4.6%	-\$ 6.33	-1.5%
RESIDENTIAL 10th Percentile	RPP	kWh	\$ 2.43	10.1%	\$ 2.89	10.9%	\$ 2.89	9.8%	\$ 3.26	4.4%

APPENDIX A

Current Tariff of Rates and Charges

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.68
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 Disposition of Account 1576 - effective until December 31, 2016 - Approved on an Interim Basis	\$	(3.63)
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$	(0.08)
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0127
Low Voltage Service Rate	\$/kWh	0.0006
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
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

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

In this class:

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

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

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

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

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
- (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
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Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons; but does not include account-holders in Class F.

OESP Credit	\$	(34.00)
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Class C

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
- (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons; but does not include account-holders in Class G.

OESP Credit	\$	(38.00)
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Class D

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

OESP Credit	\$	(42.00)
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Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

Class F

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

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	37.42
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	0.0165
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Account 1576 - effective until December 31, 2016		
- Approved on an Interim Basis	\$/kWh	(0.0048)
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
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

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. Class A and Class B consumers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	340.60
Distribution Volumetric Rate	\$/kW	3.5825
Low Voltage Service Rate	\$/kW	0.2230
Rate Rider for Disposition of Account 1576 - effective until December 31, 2016 - Approved on an Interim Basis	\$/kW	(1.7947)
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 to Class B, Non-RPP customers who are not Wholesale Market Participants	\$/kW	2.7738
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0156)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9991
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5382

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

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

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

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

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

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

Distribution Volumetric Rate - \$/kW of contracted amount

\$/kW

1.0713

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0024

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	10.59
Distribution Volumetric Rate	\$/kWh	0.0095
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Account 1576 - effective until December 31, 2016 - Approved on an Interim Basis	\$/kWh	(0.0048)
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
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0024

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.88
Distribution Volumetric Rate	\$/kW	10.1477
Low Voltage Service Rate	\$/kW	0.1698
Rate Rider for Disposition of Account 1576 - effective until December 31, 2016 - Approved on an Interim Basis	\$/kW	(1.7307)
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
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0652)
Retail Transmission Rate - Network Service Rate	\$/kW	1.4801
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1710

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0024

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.56
Distribution Volumetric Rate	\$/kW	15.1656
Low Voltage Service Rate	\$/kW	0.1663
Rate Rider for Disposition of Account 1576 - effective until December 31, 2016 - Approved on an Interim Basis	\$/kW	(1.7205)
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
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	(0.0761)
Retail Transmission Rate - Network Service Rate	\$/kW	1.4726
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1469

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

This schedule supersedes and replaces all previously
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EB-2015-0024

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0024

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

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

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

Customer Administration

Arrears certificate	\$	15.00
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 (with the exception of wireless attachments)	\$	22.35

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0024

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

LOSS FACTORS

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

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

APPENDIX B

Proposed Tariff of Rates and Charges

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	21.07
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	0.0085
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) – effective until April 30, 2018	\$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

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ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

APPLICATION

The application of the charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

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

In this class:

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

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

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

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

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
 - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
 - (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;
- but does not include account-holders in Class E.

OESP Credit \$ (30.00)

Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
 - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;
- but does not include account-holders in Class F.

OESP Credit \$ (34.00)

Class C

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
 - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;
- but does not include account-holders in Class G.

OESP Credit \$ (38.00)

Class D

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

OESP Credit \$ (42.00)

Class E

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

Class F

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

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

Orillia Power Distribution Corporation

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Effective and Implementation Date May 1, 2017

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	37.42
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	0.0165
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) – effective until April 30, 2018	\$/kWh	0.0024
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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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. Class A and Class B consumers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	340.60
Distribution Volumetric Rate	\$/kW	3.5825
Low Voltage Service Rate	\$/kW	0.2230
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) – effective until April 30, 2018	\$/kW	0.5041
Retail Transmission Rate - Network Service Rate	\$/kW	1.9991
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5382

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

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Effective and Implementation Date May 1, 2017

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

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

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

Distribution Volumetric Rate - \$/kW of contracted amount

\$/kW

1.0713

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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	10.59
Distribution Volumetric Rate	\$/kWh	0.0095
Low Voltage Service Rate	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.88
Distribution Volumetric Rate	\$/kW	10.1477
Low Voltage Service Rate	\$/kW	0.1698
Retail Transmission Rate - Network Service Rate	\$/kW	1.4801
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1710

MONTHLY RATES AND CHARGES - Regulatory Component

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

Orillia Power Distribution Corporation

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

APPLICATION

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.56
Distribution Volumetric Rate	\$/kW	15.1656
Low Voltage Service Rate	\$/kW	0.1663
Retail Transmission Rate - Network Service Rate	\$/kW	1.4726
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1469

MONTHLY RATES AND CHARGES - Regulatory Component

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

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TARIFF OF RATES AND CHARGES

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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.6000)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

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

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

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Customer Administration

Arrears certificate	\$	15.00
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 (with the exception of wireless attachments)	\$	22.35

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

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RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

Orillia Power Distribution Corporation

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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LOSS FACTORS

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

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

1.0561

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

1.0455

APPENDIX C

Bill Impacts



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **The OEB has established that, when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility shall evaluate the total bill impact for a low volume residential customer consuming at the distributor's 10th consumption percentile, to a minimum of 50 kWh per month. Refer to page 62 of Chapter 2 Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.**

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact chart for the specific class.
2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.
3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0561	1.0561	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0561	1.0561	2,000		N/A	
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0561	1.0561	80,000	200	DEMAND	
STANDBY POWER SERVICE CLASSIFICATION				1.0561				
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0561	1.0561	100		N/A	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0561	1.0561	500	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0561	1.0561	180,000	600	DEMAND	3,700
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0561	1.0561	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0561	1.0561	2,000		DEMAND	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0561	1.0561	306		N/A	



Ontario Energy Board

Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **The OEB has established that, when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility shall evaluate the total bill impact for a low volume residential customer consuming at the distributor's 10th consumption percentile, to a minimum of 50 kWh per month. Refer to page 62 of Chapter 2 Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.**

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For those classes on a retailer contract, applicants should enter the contract price (plus GA) for a more accurate estimate. Changes to the cost of power can be made directly on the bill impact chart for the specific class.
2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.
3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1". Distributors should provide the number of connections or devices reflective of a typical customer in each class.

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.92	3.1%	\$ 2.05	5.9%	\$ 2.05	4.9%	\$ 2.31	1.6%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 5.00	6.4%	\$ 8.00	9.0%	\$ 8.00	7.5%	\$ 9.04	2.3%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 103.94	9.9%	\$ (341.18)	-22.1%	\$ (341.18)	-15.2%	\$ (385.53)	-2.7%
STANDBY POWER SERVICE CLASSIFICATION -									
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.01	0.1%	\$ 0.17	1.4%	\$ 0.17	1.3%	\$ 0.19	0.7%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.07	0.5%	\$ 0.63	3.8%	\$ 0.63	3.2%	\$ 0.71	0.8%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 45.66	0.2%	\$ (1,106.34)	-4.1%	\$ (1,106.34)	-3.8%	\$ (1,250.16)	-2.1%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.92	3.1%	\$ (3.06)	-7.7%	\$ (3.06)	-6.5%	\$ (3.45)	-2.2%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 5.00	6.4%	\$ (5.60)	-5.4%	\$ (5.60)	-4.6%	\$ (6.33)	-1.5%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.43	10.1%	\$ 2.89	10.9%	\$ 2.89	9.8%	\$ 3.26	4.4%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For the 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.

2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.68	1	\$ 17.68	\$ 21.07	1	\$ 21.07	\$ 3.39	19.17%
Distribution Volumetric Rate	\$ 0.0127	750	\$ 9.53	\$ 0.0085	750	\$ 6.38	\$ (3.15)	-33.07%
Fixed Rate Riders	\$ 2.48	1	\$ 2.48	\$ 2.56	1	\$ 2.56	\$ 0.08	3.23%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0008	750	\$ 0.60	\$ 0.60	
Sub-Total A (excluding pass through)			\$ 29.69			\$ 30.61	\$ 0.92	3.10%
Line Losses on Cost of Power	\$ 0.1114	42	\$ 4.69	\$ 0.1114	42	\$ 4.69	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0015	750	\$ (1.13)	\$ -	750	\$ -	\$ 1.13	-100.00%
GA Rate Riders				\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	750	\$ 0.45	\$ 0.0006	750	\$ 0.45	\$ -	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)			\$ 34.49			\$ 36.53	\$ 2.05	5.93%
RTSR - Network	\$ 0.0054	792	\$ 4.28	\$ 0.0054	792	\$ 4.28	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	792	\$ 3.25	\$ 0.0041	792	\$ 3.25	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 42.01			\$ 44.06	\$ 2.05	4.87%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	792	\$ 2.85	\$ 0.0036	792	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	792	\$ 1.03	\$ 0.0013	792	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	792	\$ 0.87	\$ 0.0011	792	\$ 0.87	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 130.56			\$ 132.60	\$ 2.04	1.57%
HST	13%		\$ 16.97	13%		\$ 17.24	\$ 0.27	1.57%
Total Bill on TOU			\$ 147.53			\$ 149.84	\$ 2.31	1.57%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

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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:

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2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.42	1	\$ 37.42	\$ 37.42	1	\$ 37.42	\$ -	0.00%
Distribution Volumetric Rate	\$ 0.0165	2000	\$ 33.00	\$ 0.0165	2000	\$ 33.00	\$ -	0.00%
Fixed Rate Riders	\$ 7.48	1	\$ 7.48	\$ 7.48	1	\$ 7.48	\$ -	0.00%
Volumetric Rate Riders	-\$ 0.0001	2000	\$ (0.20)	\$ 0.0024	2000	\$ 4.80	\$ 5.00	-2500.00%
Sub-Total A (excluding pass through)			\$ 77.70			\$ 82.70	\$ 5.00	6.44%
Line Losses on Cost of Power	\$ 0.1114	112	\$ 12.50	\$ 0.1114	112	\$ 12.50	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0015	2,000	\$ (3.00)	\$ -	2,000	\$ -	\$ 3.00	-100.00%
GA Rate Riders				\$ -	2,000	\$ -	\$ -	
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)			\$ 89.19			\$ 97.19	\$ 8.00	8.97%
RTSR - Network	\$ 0.0045	2,112	\$ 9.50	\$ 0.0045	2,112	\$ 9.50	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	2,112	\$ 8.03	\$ 0.0038	2,112	\$ 8.03	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 106.72			\$ 114.72	\$ 8.00	7.50%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,112	\$ 7.60	\$ 0.0036	2,112	\$ 7.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,112	\$ 2.75	\$ 0.0013	2,112	\$ 2.75	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0049	2,000	\$ 9.80	\$ 0.0049	2,000	\$ 9.80	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,112	\$ 2.32	\$ 0.0011	2,112	\$ 2.32	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 352.22			\$ 360.22	\$ 8.00	2.27%
HST		13%	\$ 45.79		13%	\$ 46.83	\$ 1.04	2.27%
Total Bill on TOU			\$ 398.01			\$ 407.05	\$ 9.04	2.27%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

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Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For the 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.

2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	80,000	kWh
Demand	200	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 340.60	1	\$ 340.60	\$ 340.60	1	\$ 340.60	\$ -	0.00%
Distribution Volumetric Rate	\$ 3.5825	200	\$ 716.50	\$ 3.5825	200	\$ 716.50	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0156	200	\$ (3.12)	\$ 0.5041	200	\$ 100.82	\$ 103.94	-3331.41%
Sub-Total A (excluding pass through)			\$ 1,053.98			\$ 1,157.92	\$ 103.94	9.86%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 2.2256	200	\$ 445.12	\$ -	200	\$ -	\$ (445.12)	-100.00%
GA Rate Riders				\$ -	80,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.2230	200	\$ 44.60	\$ 0.2230	200	\$ 44.60	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,543.70			\$ 1,202.52	\$ (341.18)	-22.10%
RTSR - Network	\$ 1.9991	200	\$ 399.82	\$ 1.9991	200	\$ 399.82	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5382	200	\$ 307.64	\$ 1.5382	200	\$ 307.64	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 2,251.16			\$ 1,909.98	\$ (341.18)	-15.16%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	84,488	\$ 304.16	\$ 0.0036	84,488	\$ 304.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	84,488	\$ 109.83	\$ 0.0013	84,488	\$ 109.83	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0049	80,000	\$ 392.00	\$ 0.0049	80,000	\$ 392.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	84,488	\$ 92.94	\$ 0.0011	84,488	\$ 92.94	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	84,488	\$ 9,547.14	\$ 0.1130	84,488	\$ 9,547.14	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 12,697.23			\$ 12,356.05	\$ (341.18)	-2.69%
HST	13%		\$ 1,650.64	13%		\$ 1,606.29	\$ (44.35)	-2.69%
Total Bill on Average IESO Wholesale Market Price			\$ 14,347.87			\$ 13,962.34	\$ (385.53)	-2.69%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

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Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	100	kWh
Demand	-	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 10.59	1	\$ 10.59	\$ 10.59	1	\$ 10.59	\$ -	0.00%
Distribution Volumetric Rate	\$ 0.0095	100	\$ 0.95	\$ 0.0095	100	\$ 0.95	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0001	100	\$ (0.01)	\$ -	100	\$ -	\$ 0.01	-100.00%
Sub-Total A (excluding pass through)			\$ 11.53			\$ 11.54	\$ 0.01	0.09%
Line Losses on Cost of Power	\$ 0.1114	6	\$ 0.62	\$ 0.1114	6	\$ 0.62	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0016	100	\$ (0.16)	\$ -	100	\$ -	\$ 0.16	-100.00%
GA Rate Riders			\$ -	\$ -	100	\$ -	\$ -	-
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)			\$ 12.05			\$ 12.22	\$ 0.17	1.41%
RTSR - Network	\$ 0.0045	106	\$ 0.48	\$ 0.0045	106	\$ 0.48	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	106	\$ 0.40	\$ 0.0038	106	\$ 0.40	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 12.93			\$ 13.10	\$ 0.17	1.31%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	106	\$ 0.38	\$ 0.0036	106	\$ 0.38	\$ -	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	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0049	100	\$ 0.49	\$ 0.0049	100	\$ 0.49	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	106	\$ 0.12	\$ 0.0011	106	\$ 0.12	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	65	\$ 5.66	\$ 0.0870	65	\$ 5.66	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	17	\$ 2.24	\$ 0.1320	17	\$ 2.24	\$ -	0.00%
TOU - On Peak	\$ 0.1800	18	\$ 3.24	\$ 0.1800	18	\$ 3.24	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 25.44			\$ 25.61	\$ 0.17	0.67%
HST	13%		\$ 3.31	13%		\$ 3.33	\$ 0.02	0.67%
Total Bill on TOU			\$ 28.75			\$ 28.94	\$ 0.19	0.67%



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Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	500	kWh
Demand	1	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 3.88	1	\$ 3.88	\$ 3.88	1	\$ 3.88	\$ -	0.00%
Distribution Volumetric Rate	\$ 10.1477	1	\$ 10.15	\$ 10.1477	1	\$ 10.15	\$ -	0.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0652	1	\$ (0.07)	\$ -	1	\$ -	\$ 0.07	-100.00%
Sub-Total A (excluding pass through)			\$ 13.96			\$ 14.03	\$ 0.07	0.47%
Line Losses on Cost of Power	\$ 0.1114	28	\$ 3.12	\$ 0.1114	28	\$ 3.12	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.5625	1	\$ (0.56)	\$ -	1	\$ -	\$ 0.56	-100.00%
GA Rate Riders					500	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.1698	1	\$ 0.17	\$ 0.1698	1	\$ 0.17	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 16.69			\$ 17.32	\$ 0.63	3.76%
RTSR - Network	\$ 1.4801	1	\$ 1.48	\$ 1.4801	1	\$ 1.48	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1710	1	\$ 1.17	\$ 1.1710	1	\$ 1.17	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 19.35			\$ 19.97	\$ 0.63	3.24%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	528	\$ 1.90	\$ 0.0036	528	\$ 1.90	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	528	\$ 0.69	\$ 0.0013	528	\$ 0.69	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0049	500	\$ 2.45	\$ 0.0049	500	\$ 2.45	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	528	\$ 0.58	\$ 0.0011	528	\$ 0.58	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	325	\$ 28.28	\$ 0.0870	325	\$ 28.28	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	85	\$ 11.22	\$ 0.1320	85	\$ 11.22	\$ -	0.00%
TOU - On Peak	\$ 0.1800	90	\$ 16.20	\$ 0.1800	90	\$ 16.20	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 80.91			\$ 81.54	\$ 0.63	0.78%
HST	13%		\$ 10.52	13%		\$ 10.60	\$ 0.08	0.78%
Total Bill on TOU			\$ 91.43			\$ 92.14	\$ 0.71	0.78%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a n 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **The OEB has established that, when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility bill impact for a low volume residential customer consuming at the distributor's 10th consumption percentile19, to a minimum of 50 kWh per month. Refer to page 62 of Chapter 2 Filing Requirements For Electricity Distribution Rate Application**

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For the 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.

2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	180,000	kWh
Demand	600	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.56	3700	\$ 16,872.00	\$ 4.56	3700	\$ 16,872.00	\$ -	0.00%
Distribution Volumetric Rate	\$ 15.1656	600	\$ 9,099.36	\$ 15.1656	600	\$ 9,099.36	\$ -	0.00%
Fixed Rate Riders	\$ -	3700	\$ -	\$ -	3700	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0761	600	\$ (45.66)	\$ -	600	\$ -	\$ 45.66	-100.00%
Sub-Total A (excluding pass through)			\$ 25,925.70			\$ 25,971.36	\$ 45.66	0.18%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 1.9200	600	\$ 1,152.00	\$ -	600	\$ -	\$ (1,152.00)	-100.00%
GA Rate Riders					180,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.1663	600	\$ 99.78	\$ 0.1663	600	\$ 99.78	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 27,177.48			\$ 26,071.14	\$ (1,106.34)	-4.07%
RTSR - Network	\$ 1.4726	600	\$ 883.56	\$ 1.4726	600	\$ 883.56	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1469	600	\$ 688.14	\$ 1.1469	600	\$ 688.14	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 28,749.18			\$ 27,642.84	\$ (1,106.34)	-3.85%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	190,098	\$ 684.35	\$ 0.0036	190,098	\$ 684.35	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	190,098	\$ 247.13	\$ 0.0013	190,098	\$ 247.13	\$ -	0.00%
Standard Supply Service Charge								-
Debt Retirement Charge (DRC)	\$ 0.0049	180,000	\$ 882.00	\$ 0.0049	180,000	\$ 882.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	190,098	\$ 209.11	\$ 0.0011	190,098	\$ 209.11	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	190,098	\$ 21,481.07	\$ 0.1130	190,098	\$ 21,481.07	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 52,252.84			\$ 51,146.50	\$ (1,106.34)	-2.12%
HST	13%		\$ 6,792.87	13%		\$ 6,649.05	\$ (143.82)	-2.12%
Total Bill on Average IESO Wholesale Market Price			\$ 59,045.71			\$ 57,795.55	\$ (1,250.16)	-2.12%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a n 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **The OEB has established that, when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a util bill impact for a low volume residential customer consuming at the distributor's 10th consumption percentile19, to a minimum of 50 kWh per month. Refer to page 62 of Chapter 2 Filing Requirements For Electricity Distribution Rate Applicati**

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For the 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.

2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	Non-RPP (Retailer)		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0561		
Proposed/Approved Loss Factor	1.0561		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.68	1	\$ 17.68	\$ 21.07	1	\$ 21.07	\$ 3.39	19.17%
Distribution Volumetric Rate	\$ 0.0127	750	\$ 9.53	\$ 0.0085	750	\$ 6.38	\$ (3.15)	-33.07%
Fixed Rate Riders	\$ 2.48	1	\$ 2.48	\$ 2.56	1	\$ 2.56	\$ 0.08	3.23%
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0008	750	\$ 0.60	\$ 0.60	
Sub-Total A (excluding pass through)			\$ 29.69			\$ 30.61	\$ 0.92	3.10%
Line Losses on Cost of Power	\$ 0.1130	42	\$ 4.75	\$ 0.1130	42	\$ 4.75	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0053	750	\$ 3.98	\$ -	750	\$ -	\$ (3.98)	-100.00%
GA Rate Riders				\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	750	\$ 0.45	\$ 0.0006	750	\$ 0.45	\$ -	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)			\$ 39.65			\$ 36.60	\$ (3.06)	-7.70%
RTSR - Network	\$ 0.0054	792	\$ 4.28	\$ 0.0054	792	\$ 4.28	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	792	\$ 3.25	\$ 0.0041	792	\$ 3.25	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 47.18			\$ 44.12	\$ (3.06)	-6.48%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	792	\$ 2.85	\$ 0.0036	792	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	792	\$ 1.03	\$ 0.0013	792	\$ 1.03	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	792	\$ 0.87	\$ 0.0011	792	\$ 0.87	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 136.68			\$ 133.63	\$ (3.06)	-2.24%
HST	13%		\$ 17.77	13%		\$ 17.37	\$ (0.40)	-2.24%
Total Bill on Non-RPP Avg. Price			\$ 154.45			\$ 151.00	\$ (3.45)	-2.24%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a n 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **The OEB has established that, when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a utility bill impact for a low volume residential customer consuming at the distributor's 10th consumption percentile19, to a minimum of 50 kWh per month. Refer to page 62 of Chapter 2 Filing Requirements For Electricity Distribution Rate Applicati**

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For the 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.

2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 37.42	1	\$ 37.42	\$ 37.42	1	\$ 37.42	\$ -	0.00%
Distribution Volumetric Rate	\$ 0.0165	2000	\$ 33.00	\$ 0.0165	2000	\$ 33.00	\$ -	0.00%
Fixed Rate Riders	\$ 7.48	1	\$ 7.48	\$ 7.48	1	\$ 7.48	\$ -	0.00%
Volumetric Rate Riders	-\$ 0.0001	2000	\$ (0.20)	\$ 0.0024	2000	\$ 4.80	\$ 5.00	-2500.00%
Sub-Total A (excluding pass through)			\$ 77.70			\$ 82.70	\$ 5.00	6.44%
Line Losses on Cost of Power	\$ 0.1130	112	\$ 12.68	\$ 0.1130	112	\$ 12.68	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0053	2,000	\$ 10.60	\$ -	2,000	\$ -	\$ (10.60)	-100.00%
GA Rate Riders				\$ -	2,000	\$ -	\$ -	
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)			\$ 102.97			\$ 97.37	\$ (5.60)	-5.44%
RTSR - Network	\$ 0.0045	2,112	\$ 9.50	\$ 0.0045	2,112	\$ 9.50	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0038	2,112	\$ 8.03	\$ 0.0038	2,112	\$ 8.03	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 120.50			\$ 114.90	\$ (5.60)	-4.65%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,112	\$ 7.60	\$ 0.0036	2,112	\$ 7.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,112	\$ 2.75	\$ 0.0013	2,112	\$ 2.75	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0049	2,000	\$ 9.80	\$ 0.0049	2,000	\$ 9.80	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,112	\$ 2.32	\$ 0.0011	2,112	\$ 2.32	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	2,000	\$ 226.00	\$ 0.1130	2,000	\$ 226.00	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 368.97			\$ 363.37	\$ (5.60)	-1.52%
HST		13%	\$ 47.97		13%	\$ 47.24	\$ (0.73)	-1.52%
Total Bill on Non-RPP Avg. Price			\$ 416.94			\$ 410.61	\$ (6.33)	-1.52%



Tariff Schedule and Bill Impacts Model (2017 Cost of Service Filers)

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a n 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **The OEB has established that, when assessing the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, a util bill impact for a low volume residential customer consuming at the distributor's 10th consumption percentile19, to a minimum of 50 kWh per month. Refer to page 62 of Chapter 2 Filing Requirements For Electricity Distribution Rate Applicati**

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

Note:

1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2016 of \$0.113/kWh (IESO's Monthly Market Report for May 2016, page 22) has been used to represent the cost of power. For the 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.

2. Due to the change to energy consumption used in the calculation of GA rate riders for the 2017 rate year, the separate "GA Rate Riders" line is only applicable to the "Proposed" section of the bill impact tables.

3. Please enter the applicable billing determinant (e.g. number of connections or devices) to be applied to the monthly service charge for unmetered rate classes in column N. If the monthly service charge is applied on a per customer basis, enter the number "1" the number of connections or devices reflective of a typical customer in each class.

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	306	kWh
Demand	-	kW
Current Loss Factor	1.0561	
Proposed/Approved Loss Factor	1.0561	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 17.68	1	\$ 17.68	\$ 21.07	1	\$ 21.07	\$ 3.39	19.17%
Distribution Volumetric Rate	\$ 0.0127	306	\$ 3.89	\$ 0.0085	306	\$ 2.60	\$ (1.29)	-33.07%
Fixed Rate Riders	\$ 2.48	1	\$ 2.48	\$ 2.56	1	\$ 2.56	\$ 0.08	3.23%
Volumetric Rate Riders	\$ -	306	\$ -	\$ 0.0008	306	\$ 0.24	\$ 0.24	
Sub-Total A (excluding pass through)			\$ 24.05			\$ 26.48	\$ 2.43	10.10%
Line Losses on Cost of Power	\$ 0.1114	17	\$ 1.91	\$ 0.1114	17	\$ 1.91	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0015	306	\$ (0.46)	\$ -	306	\$ -	\$ 0.46	-100.00%
GA Rate Riders				\$ -	306	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0006	306	\$ 0.18	\$ 0.0006	306	\$ 0.18	\$ -	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)			\$ 26.47			\$ 29.36	\$ 2.89	10.91%
RTSR - Network	\$ 0.0054	323	\$ 1.75	\$ 0.0054	323	\$ 1.75	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	323	\$ 1.32	\$ 0.0041	323	\$ 1.32	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 29.54			\$ 32.43	\$ 2.89	9.78%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	323	\$ 1.16	\$ 0.0036	323	\$ 1.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	323	\$ 0.42	\$ 0.0013	323	\$ 0.42	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	323	\$ 0.36	\$ 0.0011	323	\$ 0.36	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	199	\$ 17.30	\$ 0.0870	199	\$ 17.30	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	52	\$ 6.87	\$ 0.1320	52	\$ 6.87	\$ -	0.00%
TOU - On Peak	\$ 0.1800	55	\$ 9.91	\$ 0.1800	55	\$ 9.91	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 65.82			\$ 68.71	\$ 2.89	4.39%
HST	13%		\$ 8.56	13%		\$ 8.93	\$ 0.38	4.39%
Total Bill on TOU			\$ 74.37			\$ 77.64	\$ 3.26	4.39%

APPENDIX D

New Rate Design for Residential Customers

May 1, 2017 Adjustment (2016 Filing Requirements Appendix 2-PA)
New Rate Design Policy For Residential Customers (Year 2 of 4)

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	11,409
kWh	109,779,129

Residential Class Specific Revenue Requirement ¹	\$ 3,814,728
---	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	17.68
Distribution Volumetric Rate (\$/kWh)	0.0127

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	17.68	11,409	\$ 2,420,533.44	63.45%
Variable	0.0127	109,779,129	\$ 1,394,194.94	36.55%
TOTAL	-	-	\$ 3,814,728.38	-

C) Calculating Test Year Base Rates

Number of Required to Complete Rate Design Policy Transition Years ²	3
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 2,420,533.44	17.68	\$ 2,420,533.44
Variable	\$ 1,394,194.94	0.0127	\$ 1,394,194.94
TOTAL	\$ 3,814,728.38	-	\$ 3,814,728.38

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	75.63%	\$ 2,885,265.09	21.07	\$ 2,884,651.56
Variable	24.37%	\$ 929,463.29	0.0085	\$ 933,122.60
TOTAL	-	\$ 3,814,728.38	-	\$ 3,817,774.16

Checks ³	
Change in Fixed Rate	\$ 3.39
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 3,045.78
	0.08%

Notes:

- The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios). **Calculated using most recent approved tariff sheet**
- Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

May 1, 2017 Adjustment (2016 Filing Requirements Appendix 2-PA)
New Rate Design Policy For Residential Customers (Year 2 of 4)

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	11,409
kWh	109,779,129

Residential Class Specific Revenue Requirement ¹	\$ 3,814,728
---	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	17.68
Distribution Volumetric Rate (\$/kWh)	0.0127

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	17.68	11,409	\$ 2,420,533.44	63.45%
Variable	0.0127	109,779,129	\$ 1,394,194.94	36.55%
TOTAL	-	-	\$ 3,814,728.38	-

C) Calculating Test Year Base Rates

Number of Required to Complete Rate Design Policy Transition Years ²	3
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 2,420,533.44	17.68	\$ 2,420,533.44
Variable	\$ 1,394,194.94	0.0127	\$ 1,394,194.94
TOTAL	\$ 3,814,728.38	-	\$ 3,814,728.38

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	75.63%	\$ 2,885,265.09	21.07	\$ 2,884,651.56
Variable	24.37%	\$ 929,463.29	0.0085	\$ 933,122.60
TOTAL	-	\$ 3,814,728.38	-	\$ 3,817,774.16

Checks ³	
Change in Fixed Rate	\$ 3.39
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 3,045.78
	0.08%

Notes:

- The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios). **Calculated using most recent approved tariff sheet**
- Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

APPENDIX E

Deferral and Variance Account (Continuity Schedule) Work Form



Ontario Energy Board

2017 Deferral/Variance Account Workform

Version 2.8

Utility Name Orillia Power Distribution Corporation

Service Territory The City of Orillia

Assigned EB Number


Name of Contact and Title Pauline Welsh

Phone Number (705)326-2495 ext 240


Email Address pwelsh@orilliapower.ca

General Notes

Notes

 Pale green cells represent input cells.

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

 White cells contain fixed values, automatically generated values or formulae.

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2017 Deferral/Variance Account Workform

		2013									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-13	Transactions' Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments ² during 2013	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13	Interest Jan-1 to Dec-31-13	OEB-Approved Disposition during 2013	Interest Adjustments ² during 2013	Closing Interest Amounts as of Dec-31-13
Group 1 Accounts											
LV Variance Account	1550	\$0				\$0	\$0				\$0
Smart Metering Entity Charge Variance Account	1551	\$0				\$0	\$0				\$0
RSVA - Wholesale Market Service Charge ¹⁰	1580	\$0				\$0	\$0				\$0
Variance WMS – Sub-account CBR Class A ¹⁰	1580										
Variance WMS – Sub-account CBR Class B ¹⁰	1580										
RSVA - Retail Transmission Network Charge	1584	\$0				\$0	\$0				\$0
RSVA - Retail Transmission Connection Charge	1586	\$0				\$0	\$0				\$0
RSVA - Power (excluding Global Adjustment)	1588	\$0				\$0	\$0				\$0
RSVA - Global Adjustment	1589	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁸	1595	\$0				\$0	\$0				\$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RSVA - Global Adjustment	1589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance -											
Ontario Clean Energy Benefit Act ³	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Other ⁴	1508	\$0				\$0	\$0				\$0
Retail Cost Variance Account - Retail	1518	\$0				\$0	\$0				\$0
Misc. Deferred Debits	1525	\$0				\$0	\$0				\$0
Retail Cost Variance Account - STR	1548	\$0				\$0	\$0				\$0
Board-Approved CDM Variance Account	1567	\$0				\$0	\$0				\$0
Extra-Ordinary Event Costs	1572	\$0				\$0	\$0				\$0
Deferred Rate Impact Amounts	1574	\$0				\$0	\$0				\$0
RSVA - One-time	1582	\$0				\$0	\$0				\$0
Other Deferred Credits	2425	\$0				\$0	\$0				\$0
Group 2 Sub-Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$0				\$0	\$0				\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0				\$0	\$0				\$0
Total of Group 1 and Group 2 Accounts (including 1592)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LRAM Variance Account ¹²	1568	\$0			\$61,097	\$61,097	\$0	\$146			\$146
Total including Account 1568		\$0	\$0	\$0	\$61,097	\$61,097	\$0	\$146	\$0	\$0	\$146

2017 Deferral/Variance Account Workform

		2014									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-14	Transactions' Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments ² during 2014	Closing Principal Balance as of Dec-31-14	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	OEB-Approved Disposition during 2014	Interest Adjustments ² during 2014	Closing Interest Amounts as of Dec-31-14
Group 1 Accounts											
LV Variance Account	1550	\$0				\$0	\$0				\$0
Smart Metering Entity Charge Variance Account	1551	\$0				\$0	\$0				\$0
RSVA - Wholesale Market Service Charge ¹⁰	1580	\$0				\$0	\$0				\$0
Variance WMS – Sub-account CBR Class A ¹⁰	1580										
Variance WMS – Sub-account CBR Class B ¹⁰	1580										
RSVA - Retail Transmission Network Charge	1584	\$0				\$0	\$0				\$0
RSVA - Retail Transmission Connection Charge	1586	\$0				\$0	\$0				\$0
RSVA - Power (excluding Global Adjustment)	1588	\$0				\$0	\$0				\$0
RSVA - Global Adjustment	1589	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁸	1595	\$0				\$0	\$0				\$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RSVA - Global Adjustment	1589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance -											
Ontario Clean Energy Benefit Act ³	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Other ⁴	1508	\$0				\$0	\$0				\$0
Retail Cost Variance Account - Retail	1518	\$0				\$0	\$0				\$0
Misc. Deferred Debits	1525	\$0				\$0	\$0				\$0
Retail Cost Variance Account - STR	1548	\$0				\$0	\$0				\$0
Board-Approved CDM Variance Account	1567	\$0				\$0	\$0				\$0
Extra-Ordinary Event Costs	1572	\$0				\$0	\$0				\$0
Deferred Rate Impact Amounts	1574	\$0				\$0	\$0				\$0
RSVA - One-time	1582	\$0				\$0	\$0				\$0
Other Deferred Credits	2425	\$0				\$0	\$0				\$0
Group 2 Sub-Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$0				\$0	\$0				\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0				\$0	\$0				\$0
Total of Group 1 and Group 2 Accounts (including 1592)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LRAM Variance Account ¹²	1568	\$61,097			\$57,277	\$118,374	\$146	\$3,853			\$3,999
Total including Account 1568		\$61,097	\$0	\$0	\$57,277	\$118,374	\$146	\$3,853	\$0	\$0	\$3,999

2017 Deferral/Variance Account Workform

		2015									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-15	Transactions' Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments ² during 2015	Closing Principal Balance as of Dec-31-15	Opening Interest Amounts as of Jan-1-15	Interest Jan-1 to Dec-31-15	OEB-Approved Disposition during 2015	Interest Adjustments ² during 2015	Closing Interest Amounts as of Dec-31-15
Group 1 Accounts											
LV Variance Account	1550	\$0				\$0	\$0				\$0
Smart Metering Entity Charge Variance Account	1551	\$0				\$0	\$0				\$0
RSVA - Wholesale Market Service Charge ¹⁰	1580	\$0				\$0	\$0				\$0
Variance WMS – Sub-account CBR Class A ¹⁰	1580	\$0				\$0	\$0				\$0
Variance WMS – Sub-account CBR Class B ¹⁰	1580	\$0				\$0	\$0				\$0
RSVA - Retail Transmission Network Charge	1584	\$0				\$0	\$0				\$0
RSVA - Retail Transmission Connection Charge	1586	\$0				\$0	\$0				\$0
RSVA - Power (excluding Global Adjustment)	1588	\$0				\$0	\$0				\$0
RSVA - Global Adjustment	1589	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁸	1595	\$0				\$0	\$0				\$0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁸	1595	\$0				\$0	\$0				\$0
Not to be disposed of unless rate rider has expired and balance has been audited											
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RSVA - Global Adjustment	1589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Group 2 Accounts											
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act ³	1508	\$0				\$0	\$0				\$0
Other Regulatory Assets - Sub-Account - Other ⁴	1508	\$0				\$0	\$0				\$0
Retail Cost Variance Account - Retail	1518	\$0				\$0	\$0				\$0
Misc. Deferred Debits	1525	\$0				\$0	\$0				\$0
Retail Cost Variance Account - STR	1548	\$0				\$0	\$0				\$0
Board-Approved CDM Variance Account	1567	\$0				\$0	\$0				\$0
Extra-Ordinary Event Costs	1572	\$0				\$0	\$0				\$0
Deferred Rate Impact Amounts	1574	\$0				\$0	\$0				\$0
RSVA - One-time	1582	\$0				\$0	\$0				\$0
Other Deferred Credits	2425	\$0				\$0	\$0				\$0
Group 2 Sub-Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$0				\$0	\$0				\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0				\$0	\$0				\$0
Total of Group 1 and Group 2 Accounts (including 1592)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LRAM Variance Account ¹²	1568	\$118,374			\$259,395	\$377,769	\$3,999	\$6,632		-\$223	\$10,408
Total including Account 1568		\$118,374	\$0	\$0	\$259,395	\$377,769	\$3,999	\$6,632	\$0	-\$223	\$10,408

2017 Deferral/Variance Account Workform

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

If you have only Class B customers, the balance applicable to Class B will be allocated

		2016				Projected Interest on Dec-31-15 Balances			
Account Descriptions	Account Number	Principal Disposition during 2016 - instructed by OEB	Interest Disposition during 2016 - instructed by OEB	Closing Principal Balances as of Dec 31-15 Adjusted for Dispositions during 2016	Closing Interest Balances as of Dec 31-15 Adjusted for Dispositions during 2016	Projected Interest from Jan 1, 2016 to December 31, 2016 on Dec 31 -15 balance adjusted for disposition during 2016 ⁷	Projected Interest from January 1, 2017 to April 30, 2017 on Dec 31 -15 balance adjusted for disposition during 2016 ⁷	Total Interest	Total Claim
Group 1 Accounts									
LV Variance Account	1550			\$0	\$0			\$0	\$0.00
Smart Metering Entity Charge Variance Account	1551			\$0	\$0			\$0	\$0.00
RSVA - Wholesale Market Service Charge ¹⁰	1580			\$0	\$0			\$0	\$0.00
Variance WMS – Sub-account CBR Class A ¹⁰	1580			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Variance WMS – Sub-account CBR Class B ¹⁰	1580			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
RSVA - Retail Transmission Network Charge	1584			\$0	\$0			\$0	\$0.00
RSVA - Retail Transmission Connection Charge	1586			\$0	\$0			\$0	\$0.00
RSVA - Power (excluding Global Adjustment)	1588			\$0	\$0			\$0	\$0.00
RSVA - Global Adjustment	1589			\$0	\$0			\$0	\$0.00
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁸	1595			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Not to be disposed of unless rate rider has expired and balance has been audited									
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
RSVA - Global Adjustment	1589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
Group 2 Accounts									
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508			\$0	\$0			\$0	\$0.00
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508			\$0	\$0			\$0	\$0.00
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act ³	1508			\$0	\$0			\$0	\$0.00
Other Regulatory Assets - Sub-Account - Other ⁴	1508			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Retail Cost Variance Account - Retail	1518			\$0	\$0			\$0	\$0.00
Misc. Deferred Debits	1525			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Retail Cost Variance Account - STR	1548			\$0	\$0			\$0	\$0.00
Board-Approved CDM Variance Account	1567			\$0	\$0			\$0	\$0.00
Extra-Ordinary Event Costs	1572			\$0	\$0			\$0	\$0.00
Deferred Rate Impact Amounts	1574			\$0	\$0			\$0	\$0.00
RSVA - One-time	1582			\$0	\$0			\$0	\$0.00
Other Deferred Credits	2425			\$0	\$0			\$0	<input type="checkbox"/> Check to Dispose of Account \$0.00
Group 2 Sub-Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592			\$0	\$0			\$0	\$0.00
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592			\$0	\$0			\$0	\$0.00
Total of Group 1 and Group 2 Accounts (including 1592)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
LRAM Variance Account ¹²	1568			\$377,769	\$10,408	\$4,155	\$1,385	\$15,948	\$393,717.00
Total including Account 1568		\$0	\$0	\$377,769	\$10,408	\$4,155	\$1,385	\$15,948	\$393,717.00

2017 Deferral/Variance Account Workform

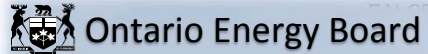
		2.1.7 RRR	
Account Descriptions	Account Number	As of Dec 31-15	Variance RRR vs. 2015 Balance (Principal + Interest)
Group 1 Accounts			
LV Variance Account	1550		\$0
Smart Metering Entity Charge Variance Account	1551		\$0
RSVA - Wholesale Market Service Charge ¹⁰	1580		\$0
Variance WMS – Sub-account CBR Class A ¹⁰	1580		\$0
Variance WMS – Sub-account CBR Class B ¹⁰	1580		\$0
RSVA - Retail Transmission Network Charge	1584		\$0
RSVA - Retail Transmission Connection Charge	1586		\$0
RSVA - Power (excluding Global Adjustment)	1588		\$0
RSVA - Global Adjustment	1589		\$0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁸	1595		\$0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁸	1595		\$0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁸	1595		\$0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁸	1595		\$0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁸	1595		\$0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁸	1595		\$0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁸	1595		\$0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>			
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0
RSVA - Global Adjustment	1589	\$0	\$0
Group 2 Accounts			
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508		\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508		\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance -			
Ontario Clean Energy Benefit Act ³	1508		\$0
Other Regulatory Assets - Sub-Account - Other ⁴	1508		\$0
Retail Cost Variance Account - Retail	1518		\$0
Misc. Deferred Debits	1525		\$0
Retail Cost Variance Account - STR	1548		\$0
Board-Approved CDM Variance Account	1567		\$0
Extra-Ordinary Event Costs	1572		\$0
Deferred Rate Impact Amounts	1574		\$0
RSVA - One-time	1582		\$0
Other Deferred Credits	2425		\$0
Group 2 Sub-Total		\$0	\$0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592		\$0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592		\$0
Total of Group 1 and Group 2 Accounts (including 1592)		\$0	\$0
LRAM Variance Account¹²	1568	\$298,796	-\$89,381
Total including Account 1568		\$298,796	-\$89,381



2017 Deferral/Variance Account Workform

Accounts that produced a variance on the continuity schedule are listed below.
Please provide a detailed explanation for each variance below.

Account Descriptions	Account Number	Variance RRR vs. 2015 Balance (Principal + Interest)	Explanation
LRAM Variance Account12	1568	\$ (89,381.00)	Adjustment Aug 31/16 to Account 1568 to record updated principal & carrying charges per OEB LRAMVA Workbook; LRAMVA balance \$298,796 reported in RRR 2.1.7 April 30/16 is based on verified results for the period 2011-2014.



2017 Deferral/Variance Account Workform

If a Class B customer switched into Class A d
rate year, click this check box: ☐

Identify the total consumption for former Class prior to becoming Class A customers (i.e. Jan 2015) in column Q.

In the green shaded cells, enter the data related to the **proposed** load forecast. Do not enter data for the MicroFit class.

Rate Class (Enter Rate Classes in cells below as they appear on your current tariff of rates and charges)	Units	# of Customers	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers	Estimated Metered kW for Non-RPP Customers	Distribution Revenue	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation ³ (\$ amounts)
RESIDENTIAL SERVICE CLASSIFICATION	kWh		105,211,614	-		-				105,211,614	-	81,178
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh		44,470,936	-		-				44,470,936	-	106,560
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW		150,959,154	408,583		-				150,959,154	408,583	205,979
STANDBY POWER SERVICE CLASSIFICATION	kW		-	-		-				-	-	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh		825,149	-		-				825,149	-	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW		276,432	768		-				276,432	768	
STREET LIGHTING SERVICE CLASSIFICATION	kW		2,608,230	7,286		-				2,608,230	7,286	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
						-				-	-	
Total		0	304,351,515	416,637	0	0	\$ -	-	-	304,351,515	416,637	\$ 393,717

\$	-
\$	393,717

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

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

² The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

³ Input the allocation as determined in the LRAMVA model. The associated rate riders will be calculated in the EDDVAR model.



2017 Deferral/Variance Account Workform

		Amounts from Sheet 2	Allocator	RESIDENTIAL SERVICE CLASSIFICATION	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION
LV Variance Account	1550	0	kWh	0	0	0
Smart Metering Entity Charge Variance Account	1551	0	# of Customers	0	0	0
RSVA - Wholesale Market Service Charge	1580	0	kWh	0	0	0
RSVA - Retail Transmission Network Charge	1584	0	kWh	0	0	0
RSVA - Retail Transmission Connection Charge	1586	0	kWh	0	0	0
RSVA - Power (excluding Global Adjustment)	1588	0	kWh	0	0	0
RSVA - Global Adjustment	1589	0	Non-RPP kWh	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	%	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	%	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	0	kWh	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	0	%	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	0	kWh	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	0	%	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	0	%	0	0	0
Total of Group 1 Accounts (excluding 1589)		0		0	0	0
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	0	kWh	0	0	0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	0	kWh	0	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act	1508	0	kWh	0	0	0
Other Regulatory Assets - Sub-Account - Other	1508	0	kWh	0	0	0
Retail Cost Variance Account - Retail	1518	0	kWh	0	0	0
Misc. Deferred Debits	1525	0	kWh	0	0	0
Retail Cost Variance Account - STR	1548	0	kWh	0	0	0
Board-Approved CDM Variance Account	1567	0	kWh	0	0	0
Extra-Ordinary Event Costs	1572	0	kWh	0	0	0
Deferred Rate Impact Amounts	1574	0	kWh	0	0	0
RSVA - One-time	1582	0	kWh	0	0	0
Other Deferred Credits	2425	0	kWh	0	0	0
Total of Group 2 Accounts		0		0	0	0
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account)	1592	0	kWh	0	0	0
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	0	kWh	0	0	0
Total of Account 1592		0		0	0	0
LRAM Variance Account (Enter dollar amount for each class)	1568	393,717		81,178	106,560	205,979
(Account 1568 - total amount allocated to classes)		393,717				



2017 Deferral/Variance Account Workform

1

Rate Rider Calculation for Accounts 1568

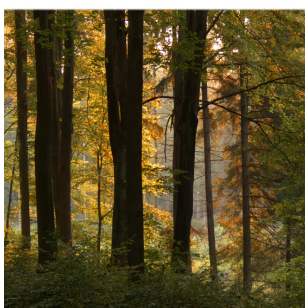
1

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Account 1568	Rate Rider for Account 1568	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	105,211,614	\$ 81,178	0.0008	\$/kWh
GENERAL SERVICE LESS THAN 50 KW S	kWh	44,470,936	\$ 106,560	0.0024	\$/kWh
GENERAL SERVICE 50 TO 4,999 KW SER	kW	408,583	\$ 205,979	0.5041	\$/kW
STANDBY POWER SERVICE CLASSIFICA	kW	-	\$ -	-	\$/kW
UNMETERED SCATTERED LOAD SERVIC	kWh	825,149	\$ -	-	\$/kWh
SENTINEL LIGHTING SERVICE CLASSIFI	kW	768	\$ -	-	\$/kW
STREET LIGHTING SERVICE CLASSIFICA	kW	7,286	\$ -	-	\$/kW
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
		-	\$ -	-	
Total			\$ 393,717		

APPENDIX F

OPDC 2011-2015 LRAMVA Report

Orillia Power Distribution Corporation 2011-2015 LRAMVA



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

2011-2015



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

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IndEco report B6103

12 September 2016

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Introduction

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

Starting in 2011, the Ontario Energy Board (OEB) 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.¹

Orillia Power Distribution Corporation (OPDC) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. OPDC is required to use “the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation.”² The final 2015 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, defensible estimates of OPDC's lost revenue from CDM programs up to and including 2015 may be determined.

OPDC submitted a claim for lost revenues from 2011–2014 CDM programs (EB-2015-0024). The Board decided to postpone disposition of the claim so the Board could consider how best to deal with lost revenues related to demand response programs that had arisen as an issue in multiple LRAMVA claims. With that resolved, updated calculations taking into account the Board's decision on demand response programs, and including final results for 2015, are reported in this document.

OPDC's last cost of service and load forecast was for the 2010 rate year (EB-2009-0273) and the load forecast did not account for CDM programs offered from 2011 onwards. This report, and the associated OEB LRAMVA work form, show 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,

¹ *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

² *Filing Requirements For Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2016.

- Lost revenues in 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,
- Lost revenues in 2014 related to programs offered in 2014,
- Lost revenues in 2015 related to programs offered in 2011,
- Lost revenues in 2015 related to programs offered in 2012,
- Lost revenues in 2015 related to programs offered in 2013.
- Lost revenues in 2015 related to programs offered in 2014, and
- Lost revenues in 2015 related to programs offered in 2015.

The carrying charges on the above variances through April 2017 are also reported.

Methodology

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

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

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

The most recent input assumptions currently available have been used to calculate the lost revenue values.

CDM results

From 2011 through 2015, OPDC offered provincial programs in partnership with the Independent Electricity System Operator (IESO). OPDC 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 low-income). Peak load reductions are also calculated, and reported in the same way.

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

The IESO reports energy savings and peak demand reductions, by initiative in the current year, adjustments to the previous year, based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period. The savings and demand reductions for a particular year for a number of programs persist in the following years. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year.

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

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

Allocating results to rate classes

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

Application of reported results

As previously mentioned, the IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the IESO reported demand reductions are used to calculate lost revenues related to CDM results. The demand reductions in the IESO reports should be multiplied by a multiplier based on the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year...In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."³

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month... Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts."⁴

³ Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

⁴ Ibid. p. 7.

Load reductions accounted for in the load forecast

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

Overall impact of CDM on load, by rate class

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally, the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were captured in the most recent load forecast.

Distribution rates

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

For most electricity distribution utilities in Ontario, including OPDC, 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.⁵ The variance is the difference between these lost revenues and the quantity of CDM in the load forecast, or what is called 'the LRAMVA threshold'.

Because these revenues are lost throughout the year, and are only recovered through rate riders in subsequent years, the Ontario Energy

⁵ Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

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.

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

Results

Following the methodology described above, lost revenues were calculated for OPDC.

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been provided separately by OPDC. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for Orillia Power Distribution Corporation* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for Orillia Power Distribution Corporation* file released by the IESO on September 1, 2015. The net verified final 2015 results can be found in the “Net Incremental First Year Energy Savings” and “Net Incremental First Year Peak Demand Savings” sections of the “LDC Progress” tab in the *Final 2015 Annual Verified Results Report for Orillia Power Distribution Corporation* file released by the IESO on June 30, 2016.

The IESO provided OPDC with persistence data for 2011-2014 results and 2011-2013 adjustments at the initiative level. The data provided are presented in new Tables 16 to 22 on Tab 6 of the LRAMVA work form provided by the OEB for use in LRAMVA claims that is filed with this document.

Table 16 of the OEB LRAMVA work form shows the estimated persistence of 2011 results into future years. Table 17 of the OEB LRAMVA work form shows the persistence of 2012 results into future years. Table 18 of the OEB LRAMVA work form shows the persistence of 2013 results into future years. Table 19 of the OEB LRAMVA work form shows the persistence of 2014 results through 2015. Table 20 of the OEB LRAMVA work form shows the persistence of 2011 adjustments into future years. Table 21 of the OEB LRAMVA work form shows the persistence of 2012 adjustments into future years. Table 22 of the OEB LRAMVA work form shows the persistence of 2013 adjustments into future years. No adjustments were provided for 2014 final results.

Allocating results to rate classes

OPDC 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 OPDC has no program results.

OPDC 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 OPDC are:

- Residential (kWh)
- GS < 50 kW (kWh)
- GS 50 to 4,999 kW (kW)
- Standby power (kW of nameplate capacity)⁶
- Unmetered scattered load (kWh)
- Sentinel lighting (kW)
- Street lighting (kW).

Table 7 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2011 results and adjustments. Table 8 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2012 results and adjustments. Table 9 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 10 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Table 11-a of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 results.

In some cases, the allocations do not total to exactly 100%. Allocations were based on kilowatts or kilowatt hours, depending on how that rate class is billed. Thus, the value is the percentage of the total billing unit used by a particular class that is attributable to that class.

Load reductions accounted for in the load forecast

OPDC's previous cost of service application was filed for the 2010 rate year (EB-2009-0273). The load forecast associated with that application did not account for estimated load losses from 2011 – 2015 CDM programs.

Table 3 of the OEB LRAMVA work form is blank because no estimates were made for projected CDM savings in 2011 – 2015.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for OPDC for each program by the allocation by rate class provides the

⁶ Customers with their own generation that rely on the grid for standby power are charged by OPDC for this service. Where a customer implements behind the meter generation as a result of CDM, and OPDC subsequently increases the standby power charges for the customer, this increases the revenue to OPDC, and this amount is subtracted from lost revenues. The reductions are assigned to the rate class of the customer with on-site generation.

impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 7 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 8 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 10 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Table 11-a of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2015.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for OPDC are shown in Table 5 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in the 2011 to 2015 time period. Table 6 of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year.

Lost revenues

The lost revenues for each year by rate class for OPDC calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year. The load impact in a given year will include the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

The lost revenue for 2011-2015 is based on final verified results provided by the IESO.

Carrying charges

The monthly carrying charges by rate class on OPDC's lost revenue variance are shown in Table 15 of the OEB LRAMVA work form. The carrying charges are reported monthly, by rate class, from the time the lost revenues resulted, through to April 30, 2017.

Conclusions

The LRAMVA balance at the end of December 2015 for OPDC that includes results from 2011 – 2015 CDM programs and adjustments to 2011 to 2013 results is \$377,769.00. The total carrying charges on this LRAMVA balance accumulated to April 30, 2017 are \$15,948.21. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$78,296.24	\$2,882.03	\$81,178.27
GS < 50 kW	\$102,501.06	\$4,059.25	\$106,560.31
GS 50 to 4,999 kW	\$262,307.97	\$12,144.16	\$274,452.13
Standby Power	-\$65,336.28	-\$3,137.23	-\$68,473.51
Net GS 50 to 4,999 kW	\$196,971.69	\$9,006.93	\$205,978.62
Total	\$377,769.00	\$15,948.21	\$393,717.21

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

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. 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.



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

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APPENDIX G

OEB LRAMVA Work Form

Summary Page (complete excel version submitted with the Application)



LRAMVA Work Form: Summary Table

LRAMVA Summary

This is a summary sheet that contains the final LRAMVA balances with links from **Tabs 2, 4, 5 and 7.**

File Number		Amount of LRAM claimed in the past	\$ 114,517.00
Exhibit		Years of LRAM Claimed	2006-2009
Schedule		Last Cost of Service Application (File No.)	EB-2009-0273
Tab			
Page			
Legend	User Inputs (Green)	Amount of LRAMVA to claim	\$393,717.21
	Auto Populated Cells (White)	Recovery Period of LRAMVA Claim	1

Table 1. Annual and Total LRAMVA by Rate Class

Description	Residential	GS < 50 kW	GS 50 to 4,999 kW	Standby Power	Unmetered Scattered Load	Sentinel Lighting	Total
2011 Forecast							
2011 Actuals	\$5,126.29	\$7,710.75	\$44,785.26	(\$12,875.18)			\$44,747.12
Amount Cleared							
2012 Forecast							
2012 Actuals	\$9,192.68	\$13,816.74	\$50,048.26	(\$12,957.86)			\$60,099.82
Amount Cleared							
2013 Forecast							
2013 Actuals	\$12,489.92	\$22,221.92	\$52,331.43	(\$13,020.19)			\$74,023.08
Amount Cleared							
2014 Forecast							
2014 Actuals	\$21,403.30	\$27,006.51	\$55,036.72	(\$13,153.75)			\$90,292.78
Amount Cleared							
2015 Forecast							
2015 Actuals	\$30,084.06	\$31,745.14	\$60,106.29	(\$13,329.29)			\$108,606.21
Amount Cleared							
Carrying Charges	\$2,882.03	\$4,059.25	\$12,144.16	(\$3,137.23)			\$15,948.21
Total LRAMVA Balance	\$81,178.27	\$106,560.31	\$274,452.13	(\$68,473.51)			\$393,717.21

APPENDIX H

IESO FINAL 2015 VERIFIED RESULTS

Summary Pages (complete excel version submitted with the Application)

Final 2015 Annual Verified Results Report

Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2016

The IESO is pleased to provide the Final 2015 Annual Verified Results Report including final 2015 Project Lists and EM&V Key Findings & FAQs. Collectively LDCs achieved 1.1 TWh of energy savings persisting to 2020 – representing 16% of the 7 TWh target. These results were achieved through both Legacy Framework and Conservation First Framework (CFF) programs. The results indicate a smooth transition between frameworks and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

The IESO remains committed to supporting LDCs in the delivery of conservation programs and 2015 marked some significant milestones, including the completion and approval of over 40 CDM plans and the implementation of 14 pilot programs and 5 local programs. Other highlights include:

- Business sector accounted for 79% of the net energy savings persisting to 2020 with the remainder 21% through the Residential sector.
- The Coupons program shifted toward ENERGY STAR® rated LED lighting, accounting for roughly 90% of coupons redeemed.
- The Retrofit program participation increased nearly 20%, and net energy savings increased by over 50% over 2014 results. Net-to-gross adjustments are trending higher than previous years, minimum of a 75% net-to-gross in all regions.
- The Process & Systems Upgrades program achieved a 20% increase in Capital Incentive projects totalling 12 in all, including 4 Behind-the-Meter Generation, and a broad spectrum of industrial processes and end-uses.

2015 also marks the first year that regional and local net-to-gross values have been employed where possible in certain programs, providing LDCs with a more granular analysis on their individual results.

CFF provides many opportunities to support LDCs in achieving their energy targets and delivering value to customers. Through increased flexibility for LDCs to design and deliver programs based on local needs and fostering collaboration and innovation through enhanced program funding opportunities we are well positioned to achieve success in delivering effective conservation programs to all customers.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and as we look ahead to the remainder of 2016, the IESO will be focusing on improving its communication and support services to further enhance the participation in conservation programs for both LDCs and customers.

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

I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final 2015 Annual Verified Results Report

Table of Contents

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

Final 2015 Annual Verified Results Report
Summary

For: Orillia Power Distribution Corporation

Target Achievement

#	Metric	2015 Verified Results	2015-2020 Total CDM Plan Forecast	2015 Verified Results versus CDM Plan (%)	2015-2020 Total Allocated Target / Budget	2015 Verified Results versus Allocated Target / Budget (%)	LDC Ranking in the Province out of 75 (2015 Verified Results versus Allocated Target / Budget (%))
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	1,662.040	16,654.946	10	16,580.000	10	62
2	Total Spending (\$)	0	4,289,364	0	4,318,856	0	30

Annual Results

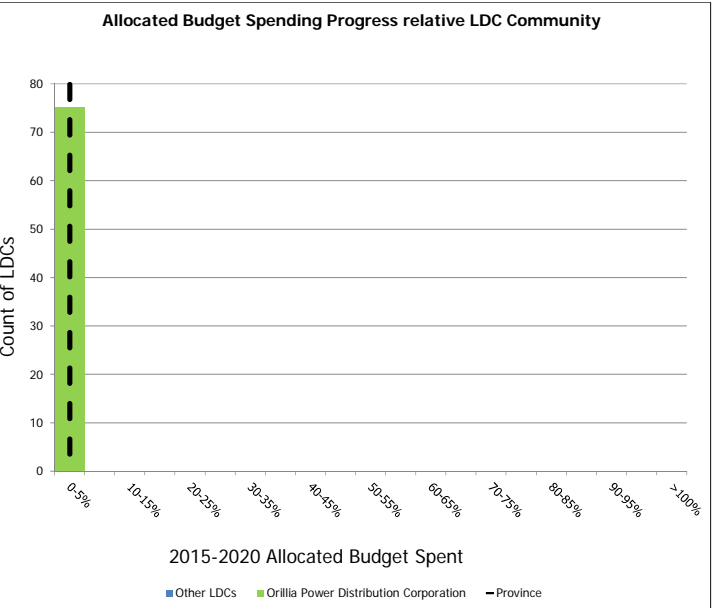
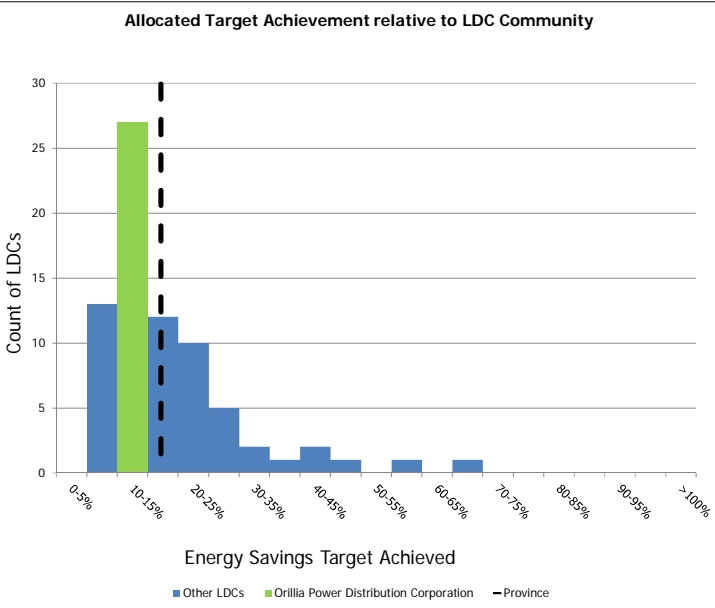
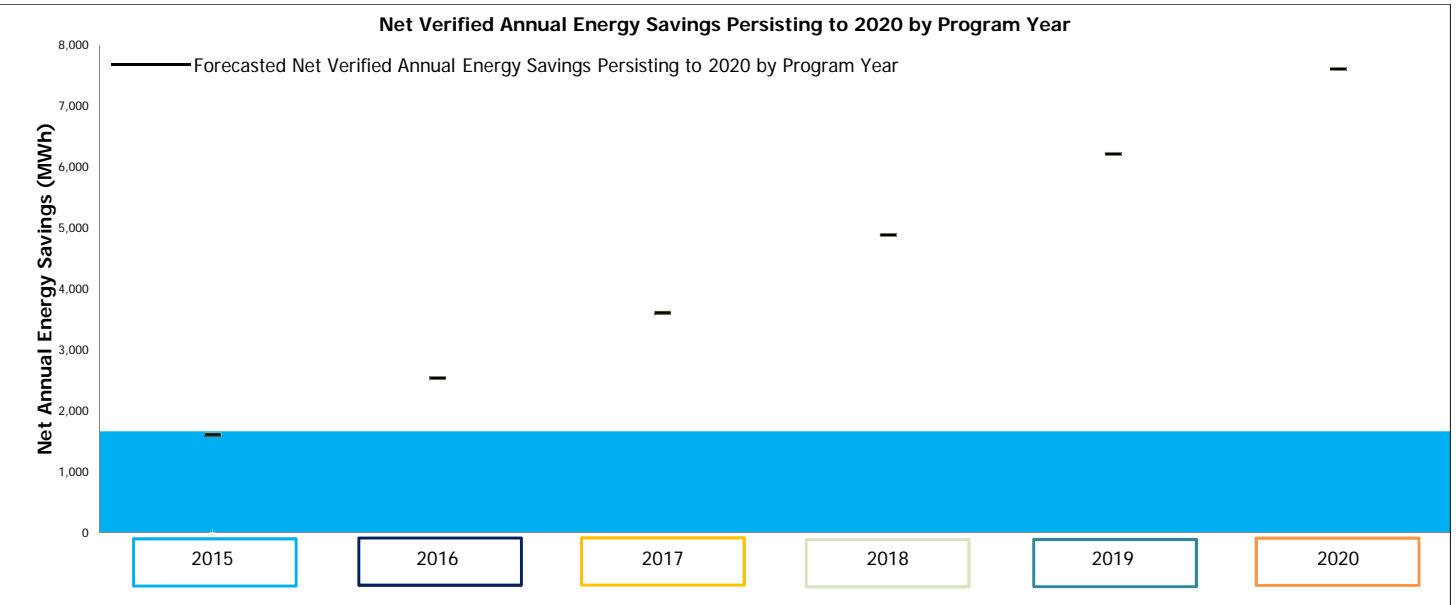
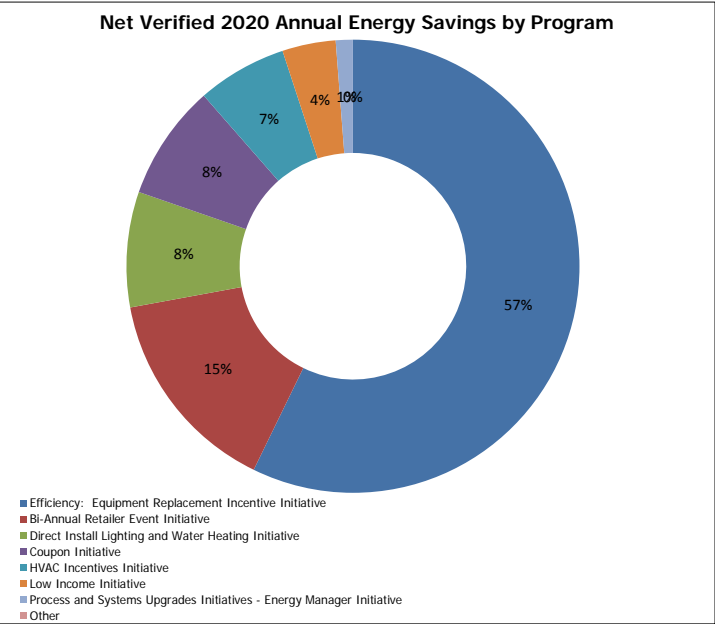
#	Metric	2015	2016	2017	2018	2019	2020	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	1,662.040						1,662.040
2	Net Verified Incremental First Year Energy Savings (MWh)	1,935.500						1,935.500
3	Total Spending (\$)	0						0
4	Total Resource Cost Test (Ratio)	n/a						n/a
5	Program Administrator Cost Test (Ratio)	n/a						n/a
6	Levelized Unit Energy Cost Result (\$/kWh)	n/a						n/a

Annual Full Cost Recovery Progress

#	Metric	Result
1	Net Verified 2015 Annual Energy Savings from Full Cost Recovery Programs (MWh)	1,935.500
2	Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh)	1,606.830
3	Annual Full Cost Recovery Progress (%)	120

Budget Progress

#	Metric	Result
1	2015 Spending (\$)	0
2	2015 CDM Plan Budget (\$)	59,219
3	CDM Plan Budget Progress (%)	0



APPENDIX I

IESO FINAL 2011-2014 VERIFIED RESULTS

Excel version also submitted with the Application



Message from the Vice President:

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

2011-2014 Conservation Framework Highlights:

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

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

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

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

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

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

Sincerely,

Terry Young

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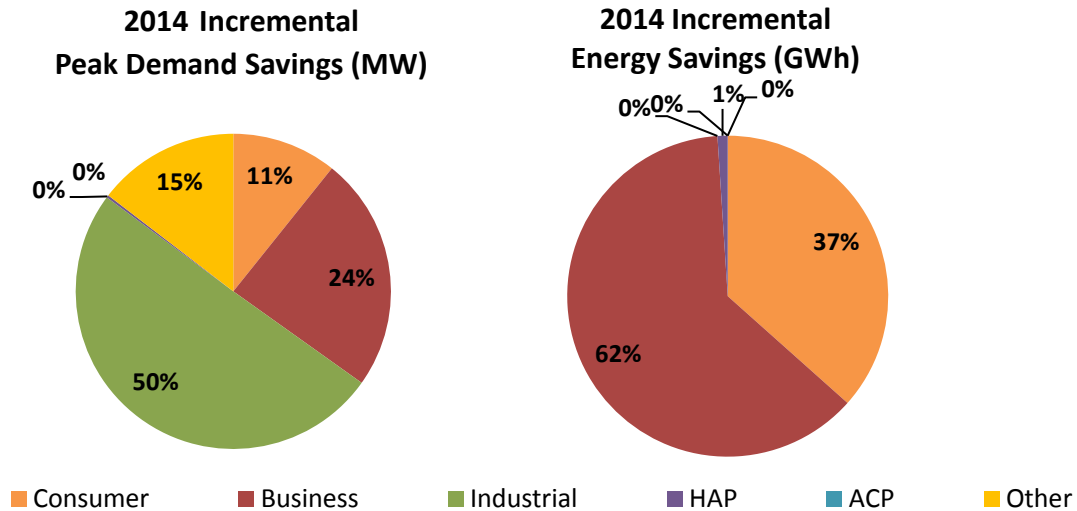
IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

LDC: 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)

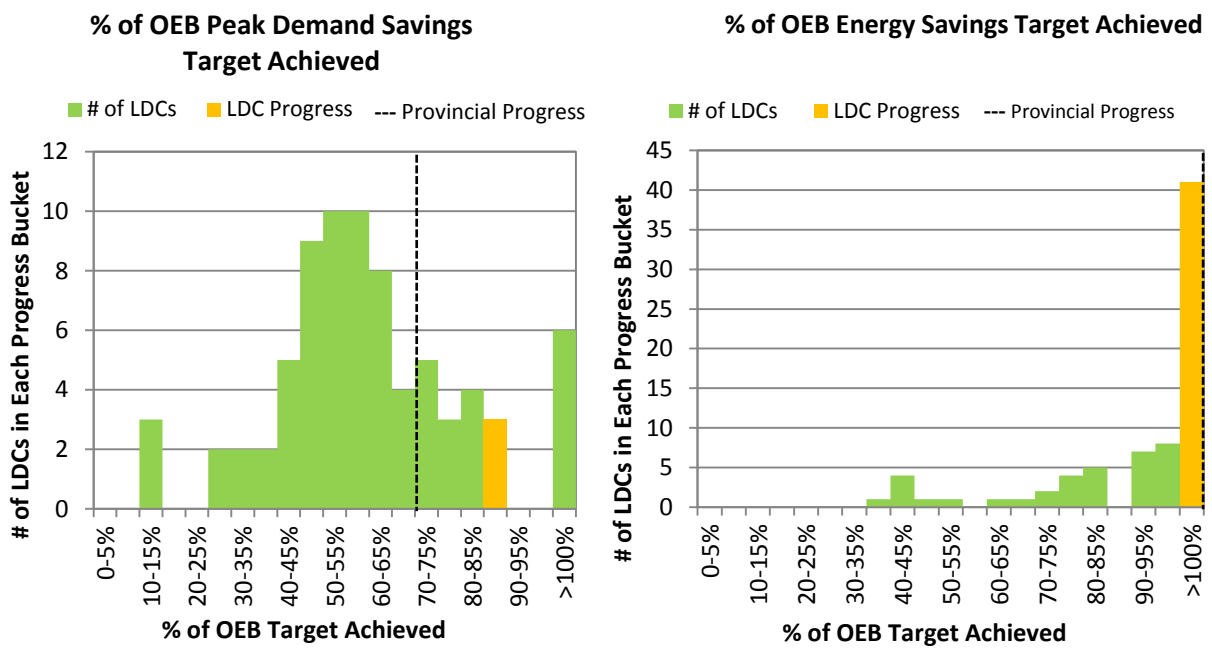


Table 1: Orillia Power Distribution Corporation Initiative and Program Level Net Savings by Year

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)		
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)	
																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	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																
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																
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 Total						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							1	0	873		258,162	0	4,474,574	868	18,917,977	
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 Results Total						0	1	12	910	0	258,162	62,935	4,722,921	918	19,733,080	
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						970	660	727	1,778	1,952,617	1,474,926	954,859	6,176,783	2,685	34,144,554	
Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).													Full OEB Target:		3,070	15,050,000
*Includes adjustments after Final Reports were issued													% of Full OEB Target Achieved to Date (Scenario 1):		87.4%	226.9%
Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year.																

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

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-36	6	9		-10	2	2		-19,262	3,333	4,203		-6	-58,644
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
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
Energy Audit	Audits	0	0	0		0	0	0		0	0	0		0	0
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						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						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						0	3	3		0	15,336	11,608		6	69,045
Aboriginal Program															
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0		0	0	0		0	0
High Performance New Construction	Projects	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	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						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						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 Results						873	43	6		4,732,736	192,362	119,098		918	19,733,080

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

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustments in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 3: Orillia Power Distribution Corporation Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	n/a	n/a	0.51	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																
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
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/a	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
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Achievement Against CDM Targets

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

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

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	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
Verified Net Annual Peak Demand Savings Persisting in 2014:				2.7
Orillia Power Distribution Corporation 2014 Annual CDM Capacity Target:				3.1
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	Annual				Cumulative
	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	0.1	1.0	0.9	1.9
2014 - Verified†	4.5	4.6	4.72	6.2	20.0
Verified Net Cumulative Energy Savings 2011-2014:					34.1
Orillia Power Distribution Corporation 2011-2014 Annual CDM Energy Target:					15.1
Verified Portion of Cumulative Energy Target Achieved 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

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

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146	20,952	22,563	3,299	2,011	1,433	1,617	23,005,812	13,424,518	8,713,107	9,497,343	8,221	159,100,415
Appliance Exchange	Appliances	3,688	3,836	5,337	5,685	371	556	1,106	1,178	450,187	974,621	1,971,701	2,100,266	2,973	10,556,192
HVAC Incentives	Equipment	92,748	87,540	96,286	113,002	32,037	19,060	19,552	23,106	59,437,670	32,841,283	33,923,592	42,888,217	93,755	447,009,930
Conservation Instant Coupon Booklet	Items	567,678	30,891	347,946	1,208,108	1,344	230	517	2,440	21,211,537	1,398,202	7,707,573	32,802,537	4,531	137,258,436
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772	4,824,751	1,681	1,480	1,184	8,043	29,387,468	26,781,674	17,179,841	122,902,769	12,389	355,157,348
Retailer Co-op	Items	152	0	0	0	0	0	0	0	2,652	0	0	0	0	10,607
Residential Demand Response	Devices	19,550	98,388	171,733	241,381	10,947	49,038	93,076	117,513	24,870	359,408	390,303	8,379	117,513	782,960
Residential Demand Response (IHD)	Devices	0	49,689	133,657	188,577	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	27	21	279	2,367	0	2	18	369	743	17,152	163,690	2,330,865	390	2,712,676
Consumer Program Total						49,681	72,377	116,886	154,267	133,520,941	75,796,859	70,049,807	212,530,376	239,772	1,112,588,565
Business Program															
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						64,617	98,221	107,261	133,319	198,124,253	381,415,230	430,423,659	600,176,121	332,769	3,358,699,887
Industrial Program															
Process & System Upgrades	Projects	0	0	5	10	0	0	294	9,692	0	0	2,603,764	72,053,255	9,986	77,260,782
Monitoring & Targeting	Projects	0	1	3	5	0	0	0	102	0	0	0	502,517	102	502,517
Energy Manager	Projects	1	132	306	379	0	1,086	3,558	5,191	0	7,372,108	21,994,263	40,436,427	8,384	95,324,998
Retrofit	Projects	433	0	0	0	4,615	0	0	0	28,866,840	0	0	0	4,613	115,462,282
Demand Response 3	Facilities	124	185	281	336	52,484	74,056	162,543	166,082	3,080,737	1,784,712	4,309,160	0	166,082	9,174,609
Industrial Program Total						57,098	75,141	166,395	181,066	31,947,577	9,156,820	28,907,187	112,992,199	189,168	297,725,188
Home Assistance Program															
Home Assistance Program	Homes	46	5,920	29,654	25,424	2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Home Assistance Program Total						2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Aboriginal Program															
Home Assistance Program	Homes	0	0	717	1,125	0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,028	0	0	0	21,662	0	0	0	121,138,219	0	0	0	21,662	484,552,876
High Performance New Construction	Projects	182	73	19	3	5,098	3,251	772	134	26,185,591	11,901,944	3,522,240	688,738	9,255	148,181,415
Toronto Comprehensive	Projects	577	15	4	5	15,805	0	0	281	86,964,886	0	0	2,479,840	16,086	350,339,385
Multifamily Energy Efficiency Rebates	Projects	110	0	0	0	1,981	0	0	0	7,595,683	0	0	0	1,981	30,382,733
LDC Custom Programs	Projects	8	0	0	0	399	0	0	0	1,367,170	0	0	0	399	5,468,679
Pre-2011 Programs completed in 2011 Total						44,945	3,251	772	415	243,251,550	11,901,944	3,522,240	3,168,578	49,382	1,018,925,088
Other															
Program Enabled Savings	Projects	33	71	46	43	0	2,304	3,692	5,500	0	1,188,362	4,075,382	19,035,337	11,496	30,751,187
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
LDC Pilots	Projects	0	0	0	1,174	0	0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
Other Total						0	2,304	3,692	61,466	0	1,188,362	4,075,382	24,096,859	67,462	35,812,709
Adjustments to 2011 Verified Results															
Adjustments to 2012 Verified Results															
Adjustments to 2013 Verified Results															
Energy Efficiency Total						136,610	109,191	117,536	224,457	603,144,419	482,474,435	554,528,447	975,639,300	575,647	5,896,382,612
Demand Response Total (Scenario 1)						79,733	142,670	280,099	309,091	3,739,185	2,427,011	5,046,495	8,698	309,091	11,221,389
Adjustments to Previous Years' Verified Results Total						0	1,406	6,901	35,030	0	18,689,081	43,684,221	195,185,880	43,006	645,389,397
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						216,343	253,267	404,536	568,578	606,883,604	503,590,526	603,259,163	1,170,833,878	927,745	6,552,993,397
Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).												Full OEB Target:		1,330,000	6,000,000,000
*Includes adjustments after Final Reports were issued												% of Full OEB Target Achieved to Date (Scenario 1):		70%	109%
Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year															

Table 7: Adjustments to Province-Wide Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 2014	2011-2014 Net Cumulative Energy Savings (kWh) 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		-5,270	479	1,037		-9,707,002	955,512	1,838,408		-3,754	-32,284,656
Conservation Instant Coupon Booklet	Items	8,216	0	1,050		16	0	2		275,655	0	23,571		18	1,149,763
Bi-Annual Retailer Event	Items	81,817	0	0		108	0	0		2,183,391	0	0		108	8,733,563
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	20	2	193		1	1	72		14,667	985	441,938		74	945,497
Consumer Program Total						-5,145	480	1,111		-7,233,290	956,497	2,303,917		-3,555	-21,664,975
Business Program															
Retrofit	Projects	312	876	961		3,208	7,233	11,961		16,266,129	42,498,052	78,146,280		22,056	347,545,386
Direct Install Lighting	Projects	444	197	51		501	204	46		1,250,388	736,541	164,667		620	7,158,143
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	15	29	72		850	1,304	2,241		3,604,553	4,825,774	8,636,179		4,401	46,187,216
Energy Audit	Audits	119	77	270		604	439	2,383		2,945,189	2,145,367	13,100,635		3,426	44,418,129
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						5,162	9,181	16,631		24,066,259	50,205,734	100,047,761		30,503	385,148,444
Industrial Program															
Process & System Upgrades	Projects	0	0	2		0	0	324		0	0	968,659		324	1,937,318
Monitoring & Targeting	Projects	0	1	3		0	0	54		0	528,000	639,348		54	2,862,696
Energy Manager	Projects	1	93	101		27	1,067	2,395		241,515	8,266,841	25,814,853		4,345	81,853,489
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						27	1,067	2,774		241,515	8,794,841	27,422,860		4,723	61,215,516
Home Assistance Program															
Home Assistance Program	Homes	0	887	2,898		0	222	791		0	1,316,749	4,321,794		1,009	12,515,300
Home Assistance Program Total						0	222	791		0	1,316,749	4,321,794		1,009	8,581,177
Aboriginal Program															
Home Assistance Program	Homes	0	0	133		0	0	134		0	0	563,715		134	1,127,430
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						0	0	134		0	0	563,715		134	1,127,430
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	12	0	0		138	0	0		545,536	0	0		138	2,182,145
High Performance New Construction	Projects	37	4	15		1,507	363	-184		2,398,941	2,832,533	-993,596		1,686	16,106,171
Toronto Comprehensive	Projects	0	15	4		0	672	185		0	4,523,517	1,324,388		857	16,219,327
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						1,645	1,035	2		2,944,477	7,356,050	330,792		2,682	11,104,528
Other															
Program Enabled Savings	Projects	33	55	33		1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Adjustments to 2011 Verified Results						3,465				27,746,535				3,215	110,143,550
Adjustments to 2012 Verified Results							15,697				80,111,558			15,401	238,780,637
Adjustments to 2013 Verified Results								23,463				145,679,403		24,391	296,465,211
Adjustments to Previous Years' Verified Results Total						3,465	15,697	23,463		27,746,535	80,111,558	145,679,403		43,006	645,389,397

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

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustments in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 8: Province-Wide Realization Rate & NTG

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

Summary Provincial Progress Towards CDM Targets

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

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

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

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011	606.9	603.0	601.0	582.3	2,393.1
2012†	18.7	503.6	498.4	492.6	1,513.3
2013†	1.7	44.4	603.3	583.4	1,232.8
2014†	7.3	44.8	191.0	1,170.8	1,413.9
Verified Net Cumulative Energy Savings 2011-2014:					6,553.0
2011-2014 Cumulative CDM Energy Target:					6,000
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					109.2%

†Includes adjustments to previous years' verified results

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

METHODOLOGY

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

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Consumer Program			
Appliance Retirement	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Appliance Exchange	When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year that the exchange event occurred.	
HVAC Incentives	Results directly attributed to LDC based on customer postal code.	Savings are considered to begin in the year that the installation occurred.	

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

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

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

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

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&I program schedule)	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
Demand Response 3	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.

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

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

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

Consumer Program Allocation Methodology

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

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

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

Reporting Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	25	6	8	4	175,187	40,097	49,129	30,453
Appliance Exchange**	Appliances	1	1	6	4	1,666	2,648	11,231	7,019
HVAC Incentives	Equipment	96	73	71	111	186,462	134,176	127,944	209,519
Conservation Instant Coupon Booklet	Items	3	1	1	3	45,998	3,610	18,627	46,225
Bi-Annual Retailer Event	Items	4	4	3	13	73,229	79,552	44,759	191,256
Retailer Co-op	Items	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	0	0	8	0	0	0	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	0	0	0
Consumer Program Total		129	85	89	144	482,541	260,083	251,689	484,472
Business Program									
Retrofit	Projects	73	160	110	59	541,038	744,425	380,022	495,841
Direct Install Lighting	Projects	130	105	124	107	406,827	357,967	446,920	421,056
Building Commissioning	Buildings	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	0	0	0	0	0	0
Energy Audit	Audits	0	0	0	40	0	0	0	194,556
Small Commercial Demand Response	Devices	0	0	0	0	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	38	38	39	35	1,481	553	515	0
Business Program Total		241	303	272	241	949,345	1,102,945	827,458	1,111,453
Industrial Program									
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	0	0	0	0	0	0
Retrofit	Projects	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	490	349	436	436	28,742	8,416	19,363	0
Industrial Program Total		490	349	436	436	28,742	8,416	19,363	0
Home Assistance Program									
Home Assistance Program	Homes	0	67	3	2	0	49,698	33,675	14,851
Home Assistance Program Total		0	67	3	2	0	49,698	33,675	14,851
Aboriginal Program									
Home Assistance Program	Homes	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	83	0	0	0	281,832	0	0	0
High Performance New Construction	Projects	256	1	0	0	1,316,557	596	0	0
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total		339	1	0	0	1,598,389	596	0	0
Other									
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	126	0	0	0	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0
Other Total		0	0	0	126	0	0	0	0
Adjustments to 2011 Verified Results									
Adjustments to 2012 Verified Results									
Adjustments to 2013 Verified Results									
Energy Efficiency Total		671	418	326	470	3,028,795	1,412,769	1,112,307	1,610,775
Demand Response Total		528	387	475	480	30,222	8,969	19,878	0
Adjustments to Previous Years' Verified Results Total		0	251	17	925	0	1,807,439	85,493	4,830,345
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		1,198	1,056	818	1,876	3,059,017	3,229,176	1,217,678	6,441,121

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	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-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	237,791	160,846	
Industrial Program									
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	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	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	15,336	11,608	
Aboriginal Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		0	0	0		0	0	0	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0	
High Performance New Construction	Projects	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 2012 Verified Results			17				260,007		
Adjustments to 2013 Verified Results				9				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 represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

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

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

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

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

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

**Net results substituted for gross results due to unavailability of data

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

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-8,759	1,091	2,157		-16,241,086	1,952,473	3,873,449	
Conservation Instant Coupon Booklet	Items	15	0	1		255,975	0	20,668	
Bi-Annual Retailer Event	Items	117	0	0		2,373,616	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	1	1	115		330,093	2,009	701,488	
Consumer Program Total		-8,628	1,092	2,273		-13,281,402	1,954,483	4,595,605	
Business Program									
Retrofit	Projects	4,511	10,114	16,584		22,046,931	58,528,789	108,677,566	
Direct Install Lighting	Projects	541	217	49		1,346,618	781,858	174,460	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	3,287	2,673	4,151		11,323,593	9,884,305	15,992,924	
Energy Audit	Audits	656	488	3,631		2,391,744	2,386,374	19,822,524	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		8,996	13,491	24,414		37,108,886	71,581,326	144,667,473	
Industrial Program									
Process & System Upgrades	Projects	0	0	426		0	0	1,232,785	
Monitoring & Targeting	Projects	0	0	54		0	528,000	639,348	
Energy Manager	Projects	29	1,071	2,687		0	8,968,007	28,893,596	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		29	1,071	3,168		0	9,496,007	30,765,729	
Home Assistance Program									
Home Assistance Program	Homes	0	222	791		0	1,316,749	4,321,794	
Home Assistance Program Total		0	222	791		0	1,316,749	4,321,794	
Aboriginal Program									
Home Assistance Program	Homes	0	0	134		0	0	563,715	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		0	0	134		0	0	563,715	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	266	0	0		1,049,108	0	0	
High Performance New Construction	Projects	13,072	727	405		23,905,663	5,665,066	1,535,048	
Toronto Comprehensive	Projects	0	1,920	529		0	12,924,335	3,783,965	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		13,337	2,647	934		24,954,771	18,589,400	5,319,013	
Other									
Program Enabled Savings	Projects	1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Adjustments to 2011 Verified Results		15,511				50,455,967			
Adjustments to 2012 Verified Results			22,235				114,419,652		
Adjustments to 2013 Verified Results				33,734				200,921,892	
Adjustments to Previous Years' Verified Results Total		15,511	22,235	33,734		50,455,967	114,419,652	200,921,892	

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

*Includes adjustments after Final Reports were issued

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

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