PETERBOROUGH DISTRIBUTION INC.



1867 Ashburnham Drive, PO Box 4125, Station Main Peterborough ON K9J 6Z5

September 28, 2015

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

Attention: Ms. Walli

Re: Peterborough Distribution Inc. (PDI) 2016 IRM Rate Application EB-2015-0097

PDI is pleased to file its 2016 4th Generation IRM Rate Application to the Ontario Energy Board in compliance with the OEB letter dated July 16, 2015 which established the filing deadlines for applications.

The enclosure consists of the Manager's Summary and related IRM Work forms as prepared in the 2016 IRM Rate Generator Model.

The completed 2016 IRM Rate Application and Work forms were submitted today via the Ontario Energy Board's RESS system.

In the event of any additional information, questions or concerns, please contact Byron Thompson at bthompson@peterboroughutilities.ca or (705) 748-9301 x 1283.

Sincerely,

Byron Thempson Chief Financial Officer

Peterborough Distribution Inc.

Email: bthompson@peterboroughutilities.ca

Phone: 705-748-9301 x 1283

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

AND IN THE MATTER OF an application by Peterborough Distribution Inc. for an order approving just and reasonable rates and other charges for electricity distribution to be effective May 1, 2016.

PETERBOROUGH DISTRIBUTION INC. ("PDI") 2016 4th GENERATION IRM RATE APPLICATION FILED: SEPTEMBER 28, 2015

Applicant:

Peterborough Distribution Inc. 1867 Ashburnham Drive Peterborough, ON K9J 6Z5

Primary Contact:

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INTRODUCTION

Peterborough Distribution Inc. ("PDI") hereby applies to the Ontario Energy Board (the "Board") for approval of 2016 Distribution Rate Adjustments, based on Chapter 3 of the *Filing Requirements for Transmission and Distribution Rate Applications* last revised on July 16, 2015. The Board has assigned the Application File Number EB-2015-0097.

PDI is applying for annual rate adjustments under 4th Generation IR and has utilized the Board's 2016 IRM Rate Generator Excel spreadsheet in the preparation of this filing.

Application

- 1. The Applicant is Peterborough Distribution Inc ("PDI"). PDI is a corporation incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Peterborough, ON. PDI carries on the business of distributing electricity within the City of Peterborough, Village of Lakefield and Town of Norwood. Peterborough Distribution Inc. ("PDI") is a Registered Market Participant for the purposes of settlement with the Independent Electricity System Operator. However, PDI is considered a partially "embedded" LDC because it receives some of its electricity from Hydro One Networks Inc.'s low voltage distribution system.
- 2. PDI hereby applies to the Ontario Energy Board (the "Board") for an order or orders made pursuant to Section 78 of the Ontario Energy Board Act, 1998, as amended, (the "OEB Act") approving just and reasonable rates for the distribution of electricity based on a 2016 4th Generation Incentive Rate-setting ("4GIR") application, effective May 1, 2016.
- 3. Specifically, PDI hereby applies for an order or orders granting distribution rates updated and adjusted in accordance with Chapter 3 of the Filing Requirements for Transmission and Distribution Applications updated July 16, 2015 ("Filing Requirements"), including the following:
 - a. An adjustment to the retail transmission service rates as provided in Guideline (G-2008-0001) on Retail Transmission Service Rates October 22, 2008 (Revision 4.0 June 28, 2012);

b. The disposition of the LRAMVA amount relating to CDM losses from the fiscal year 2014 accumulated in Account 1568;

2014 accumulated in Account 1508;

c. The sharing of taxes related to the tax change as calculated in Tabs 7 and 8 of the

2016 IRM Rate Generator model;

d. The disposition of Group 1 Deferral and Variance Accounts, as the accounts have

exceeded the pre-set disposition threshold of \$0.001 per kWh; and

e. The continuation of all other Specific Service Charges, Retail Service Charges and

Loss Factors as approved in the 2013 Cost of Service Application EB-2012-0160.

4. This Application is supported by written evidence that may be amended from time to time,

prior to the Board's final decision on this Application.

5. In the event that the Board is unable to provide a Decision and Order in this Application for

implementation by the Applicant as of May 1, 2016, PDI requests that the Board issue an

Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as

interim until the decided implementation date of the approved 2016 distribution rates.

6. In the event that the effective date does not coincide with the Board's decided

implementation date for 2016 distribution rates and charges, PDI requests permission to

recover the incremental revenue from the effective date to the implementation date.

7. The Applicant requests that, pursuant to Section 34.01 of the Board's Rules of Practice and

Procedure, this proceeding be conducted by way of written hearing.

DATED at Peterborough, Ontario, this 28th day of September, 2015

All of which is respectfully submitted,

Peterborough Distribution Inc.

Byron Thompson

Chief Financial Officer

CERTIFICATION OF EVIDENCE

As the Chief Financial Officer of Peterborough Distribution Inc., I certify that the evidence filed in PDI's 2016 4th Generation rate application is accurate to the best of my knowledge. The filing is consistent with the requirements of Chapter 3 of the Filing Requirements for Transmission and Distribution Rate Applications revised on July 16, 2015.

Byron Thompson

Chief Financial Officer

REQUESTED RATE ADJUSTMENTS

The 2016 rate adjustments include:

1. A Price Cap Adjustment in accordance with the 4th Generation Incentive Regulation for

Ontario's Electricity Distributors. As part of the supplemental report on the Renewed

Regulatory Framework for Electricity Distributors (RRFE) the Board will establish the final

inflation factor, productivity factor and stretch factor to apply to distributors for the 2016

rate year. The Rate Generator model includes rate-setting parameters from the 2015 rate year

as a placeholder; PDI acknowledges that Board staff will update the Rate Generator model

once the supplemental report on RRFE is issued.

2. An adjustment of Retail Transmission Service Rates in accordance with Board Guidelines

G-2008-001: Electricity Distribution Retail Transmission Service Rates, last revised June

28, 2012 and subsequent updates to the Uniform Transmission Rates ("UTRS"). PDI is a

partially embedded distributor in relation to Hydro One for distribution services; therefore

PDI is charged by Hydro One for Transmission Connection and Transmission Network

services.

3. The establishment of rate riders associated with the disposition of the Lost Revenue

Adjustment Mechanism Variance (LRAMVA) account balance.

4. The establishment of rate riders associated with the shared tax adjustment as a result of

legislated tax changes.

5. The establishment of rate riders associated with the disposition of the Group 1 Deferral and

Variance account balances.

Statement of Publication of Applicant's Notice

PDI understand that the Board is assessing the appropriate publication treatment for a Notice of

Application. As such, PDI will await direction from the Board on this matter.

APPLICATION DETAILS

The following sections outline the factors taken into consideration when determining the rate adjustments for

which PDI is seeking approval effective May 1, 2016.

i. Current Tariff of Rates and Charges

PDI's current Tariff of Rates and Charges as approved in EB-2014-0107 by the Board on March 19,

2015 is presented in Appendix A.

ii. Proposed Tariff of Rates and Charges

A copy of the May 1, 2016 Proposed Tariff of Rates and Charges derived from the 2016 Rate

Model is shown in Appendix B.

iii. Annual Price Cap Adjustment Mechanism

In calculating 2016 rates, PDI has applied a Price Cap Adjustment of 1.15% to its Base Distribution

Rates, which are the rate-setting parameters provided by the Board's 2016 Rate Generator model

(Stretch Factor Group IV). PDI acknowledges that Board staff will update the 2016 Rate Model

with the final parameters which will be established by the Board in the supplemental report on the

Renewed Regulatory Framework for Electricity (RRFE).

The following default values were used in the determination of the Price Cap Adjustment:

Price Cap Index

Price Escalator 1.60%

Less: Productivity Factor 0.00%

Less: Stretch Factor (Group IV) 0.45%

Price Cap Index 1.15%

The calculation of the Price Cap adjustment is exhibited in the 2016 Rate Model Tab 15

"Rev2Cost_GDPIPI" in Appendix C as a PDF and also as an excel file.

Please note the Price Cap adjustment has been applied to distribution rates (fixed and variable

charges) uniformly across customer rate classes and has not been applied to the Rate Adders, Rate

Riders, Retail Transmission Service Rates, Wholesale Market Service Rate, Rural Rate Protection

Charge, Standard Supply Service-Administrative Charge, MicroFIT Service Charge, Specific

Service Charges, Transformation and Primary Metering Allowances, or the Smart Metering Entity

Charge.

iv. Incremental Capital Module

PDI is not applying for the Capital Adjustment Factor for 2016 and therefore has not completed the

Incremental Capital Module.

v. Z Factor Claims

PDI is not applying to recover any extraordinary costs by means of a Z-Factor.

vi. Tax Changes

Under a 4th Generation IR, a 50/50 sharing of the impact of currently known legislated tax changes

as applied to the tax level reflected in the Board approved base rates for a distributor applies. In

PDI's most recent cost of service electricity distribution rate application EB-2012-0160, the

effective corporate tax rate was 22.62% for May 1, 2013 rates. PDI's current effective tax rate is

26.5%. Tab 7 of the rate generator model calculates the impact of this tax change to be an increase

in taxes of \$61,605. PDI is proposing a rate rider to share 50%, or \$30,803, of this increase from

rate payers. A summary of the rate riders appears in the table below.

Table 1 – Application of Tax Change Rate Riders

CLASS	Allocation of Tax Change	Proposed Rate Rider
Residential		\$0.05 / cust
GS <50 kW	4,857	-
GS > 50 kW	6,473	\$0.0082 / kW
Large User	500	\$0.0044 / kW
Unmetered Scattered Load (USL)	339	\$0.0002 / kWh
Sentinel Lighting	63	\$0.0318 / kW
Street Lighting	654	\$0.0375 / kW
50/50 Share of Tax Change	30,803	

For GS<50 kW customers, the rate generator model provided a \$nil/kWh rate due to rounding to 4 decimal places. As discussed later in this application, this rate class will already be mitigated to minimize overall bill impact. As a result, PDI recommends the \$nil rate provided by the rate generator model be applied. The amount is not material to the overall rate application of PDI and exclusion of a rate rider will further mitigate rate increases to this group.

vii. Revenue to Cost Ratio Adjustments

The Board's Decision (EB-2012-0160) for PDI's 2013 Cost of Service application did not prescribe any phase-in period to adjust its revenue-to-cost ratios.

viii. Adjustment of Retail Transmission Service Rates (RTSR)

PDI has adjusted Retail Transmission Service Rates ("RTSR") to reflect changes in the Ontario Uniform Transmission Rates ("UTRs") as per G-2008-0001 *Guideline for Electricity Distribution Retail Transmission Service Rates*, Revision 4.0 issued by the Board on June 28, 2012.

The billing determinants used for determination of the RTSR rates are the most recent billing determinants as issued in OEB-2014-0357 on January 8, 2015. PDI acknowledges that once any

January 1, 2016 UTR adjustments are determined, Board staff will adjust the 2016 RTSR model to reflect any changes in Hydro One's Sub-Transmission class RTSRs.

The RTSR data has been completed in the IRM Rate Generator workbook as is included as part of Appendix C as a PDF and also as an excel file.

ix. Loss Factors

PDI is not requesting any changes to the loss factors previously approved by the Board in its 2013 Cost of Service Application EB-2012-0160.

x. Specific Service Charges

PDI is not requesting any changes to the specific service charges previously approved by the Board in its 2013 Cost of Service Application EB-2012-0160.

xi. Review and Disposition of Group 1 Deferral and Variance Account Balances

PDI has completed the review of the Group 1 Deferral and Variance Account ("DVA") balances as at December 31, 2014 and subsequent threshold testing. PDI's Group 1 Balances (excluding LRAMVA) as of December 31, 2014 plus projected interest to April 30, 2016, amounts to a debit of \$3,116,343. As detailed on Tab 5 "2014 Continuity Schedule", the threshold test resulted in a total claim of \$0.0039/kWh, which is greater than the approved threshold of \$0.001/kWh.

A breakout of the Group 1 DVA balances is as follows:

Group 1 DVA balances excluding Account 1589 Global Adjustment	1,227,205
1589 Global Adjustment	1,889,138
Total Claim	3,116,343

The EDDVAR Report states that the default disposition period used to clear Group 1 Account balances by means of a rate rider should be one year. However, a distributor could propose a

different disposition period to mitigate rate impacts or address any other applicable considerations, where appropriate.

In preparation for this rate application, PDI assessed the impact of a one year rate rider for the Group 1 Deferral/Variance accounts. As will be detailed later in the application, the impact of the removal of the Ontario Clean Energy Benefit (OCEB) represents a significant increase in overall bill impact across several classes. The combined impact of all other rate changes, including the OCEB and a 12 month amortization of these variance accounts would result in a 14.07% and 12.45% increase for GS<50 and GS>50 customers respectively. Accordingly in the absence of a globally available rate mitigation plan to offset the impact of the elimination of the OCEB, PDI is proposing a two year disposition period in order to minimize rate volatility and overall impact to customers as a part of its rate mitigation strategy discussed later in this application. The proposed Deferral/Variance and Global Adjustment Rate Riders, applicable for two years, appear in the table below.

TABLE 2 – PROPOSED DEFERRAL/VARIANCE ACCOUNT RATE RIDERS

		Proposed DVA		Proposed obal Adjustment
Rate Class	Unit	Rate Rider		Rate Rider
Residential	\$/kWh	\$ 0.0008	\$	0.0028
GS <50 kW	\$/kWh	\$ 0.0008	\$	0.0028
GS > 50 kW	\$/kW	\$ 0.3299	\$	1.0570
Large User	\$/kW	\$ 0.3527		-
Unmetered Scattered Load (USL)	\$/kWh	\$ 0.0008	\$	0.0028
Sentinel Lighting	\$/kW	\$ 0.2835	\$	1.0072
Street Lighting	\$/kW	\$ 0.2706	\$	0.9623

Global Adjustment and the IESO Settlement Process

As part of the 2015 IRM application, PDI was approved disposition of the Global Adjustment balance at December 31, 2013 through the Rate Rider for Disposition of Global Adjustment Account (2015) effective until April 30, 2016. As part of the 2016 IRM application, PDI is applying for disposition of the December 31, 2014 balance over a period of two years. The amount being requested for disposition totals \$1,889,138, which exceeds the pre-set disposition threshold set by

the Board. During 2014, PDI had 2 Class A customers, so the Global adjustment requested for disposition is not applied to these customers. The proposed rate riders appear in Table 2 from the previous section.

As part of this filing, the Board has asked for a description of the settlement process with the IESO. The manner in which PDI settles with the IESO is described below and is dependent on whether the customer is a Regulated Price Plan (RPP) consumer, and whether the customer is a Class A or Class B consumer.

1. Specify the GA rate used to bill customers for each rate class

- PDI bills its Class B customers based on the 1st estimate rate from the IESO web site.
- PDI bills its Class A customers by allocating their portion of Class A Global Adjustment Settlement Amount, as indicated on the IESO physical invoice, based on their peak demand factor. Since PDI settles the Global Adjustment directly with its Class A customers on the basis of actual costs, there is no variance created for Global Adjustment for Class A customers within OEB account 1589.
- 2. Itemize the process for providing consumption estimates to the IESO. Describe the true-up process to reconcile estimates of RPP and non-RPP consumption once actuals are known. The description should detail the distributor's method for estimating RPP and non-RPP consumption.
 - PDI settles monthly with the IESO within 4 business days following month-end. As a part of this process, consumption estimates are compiled for:
 - o RPP consumption (Tier 1, Tier 2, TOU on peak, mid peak, off peak)
 - o Non-RPP consumption
 - Estimates for the current settlement period are calculated by determining what percentage of consumers qualified for tiered pricing, TOU or were non rate protected (non-RPP). An additional determination of which consumers are Standard Service Supply (RPP) versus Retailer (non-RPP) is then made, and TOU is further divided into on-peak, mid-peak or off-peak. This is based on the last bill period where complete data

is available (typically 2 months prior). These percentages are then applied to the estimated wholesale usage (which is based on actual values withdrawn from the grid) plus embedded generation totals.

- The estimated WACOE, based on check meter data and IESO hourly spot prices, is then applied to the estimated consumption. Using these values, we are able to estimate how much power was sold to regulated consumers and the difference between what was paid by those consumers and the wholesale cost of supplying these consumers.
- Once actual billing information is available, PDI reconciles the estimate of RPP and non-RPP consumption to actuals as provided by our billing system. Actual data is compared to the estimate made two months prior and any differences are included in the current settlement period.

3. Detail the distributor's treatment of embedded generation/embedded distribution.

- PDI receives monthly reporting with detailed kWh generated on an hourly basis by its
 embedded generators. The amount paid to generators according to their contract prices is
 submitted to the IESO for recovery.
- There is no impact to the variance accounts as a result of this process.

4. Confirm distributor's use of accrual accounting

PDI confirms that accrual accounting is used for settling the Global Adjustment.

xii. Conservation and Demand Management Costs

PDI acknowledges, in accordance with the Board's Guidelines for Electricity Distributor CDM, at a minimum, distributors must apply for disposition of the balance in the Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on Incentive Regulation Mechanism rate applications, if the balance is deemed significant by the applicant.

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PDI received the final evaluation report from the IESO of its 2014 CDM results in September,

2015. As a part of this 2016 IRM application, PDI is proposing to recover the 2014 LRAMVA

amounts as they related to programs administered for the period 2011 to 2014 which have now

come to completion.

A third party assessment has been completed for 2014 based on the IESO evaluation reports. The

LRAMVA balance to be disposed is \$52,470.56 which includes carrying charges to April 30, 2016.

PDI notes that this does not tie to the RRR filing for 1568 as this balance was based on an estimate

accrued for year-end financial statement purposes. The final claim is \$20,521 lower than previously

estimated.

PDI obtained the assistance of a third party to calculate the lost revenues from participation in the

CDM programs. In accordance with page 13 of the Filing Requirements, PDI confirms the

following:

• PDI has used the most recent input assumptions available at the time of program evaluation

(September 2015) when calculating the lost revenue amount. The IESO report of 2011-2014

CDM results is attached in Appendix E.

• PDI has relied on the most recent and appropriate CDM evaluation report from the IESO in

support of its lost revenue calculation. A copy of the third party report is attached in

Appendix F.

• The report includes separate tables for each rate class showing the lost revenue amounts

requested by the year they are associated with, as well as a list of all the CDM programs

applicable to each rate class and their energy (kWh) and demand (kW) savings.

• Carrying charges have been applied for the 2015 year using the OEB prescribed rates.

• Aside from Time of Use, there were no OEB approved programs delivered by PDI.

The table below summarizes the proposed rate riders by rate class to dispose of the LRAMVA

balance over a period of two years.

TABLE 3 – PROPOSED LRAMVA ACCOUNT RATE RIDERS

Rate Class	Unit		Proposed LRAMVA Rate Rider
Residential	\$/kWh		-
GS <50 kW	\$/kWh	\$	0.0004
GS > 50 kW	\$/kW	-\$	0.0125
Large User	\$/kW	\$	0.0003
Unmetered Scattered Load (USL)	\$/kWh	-\$	0.0006
Sentinel Lighting	\$/kW	-\$	0.1006
Street Lighting	\$/kW	-\$	0.1656

xiii. Rate Design for Residential Electricity Customers

On April 2, 2015 the OEB released its Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB – 2012-0410) report which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers over a four year period. PDI is proposing changes to its residential rates consistent with this policy and has followed the approach set out on sheet 15 of the 2016 IRM Rate Generator Model. The fixed vs variable cost ratios for Residential result in a change from 57% Fixed and 43% Variable in 2015, to 68% Fixed and 32% Variable in 2016.

The OEB has established two thresholds which could either extend the transition period to greater than four years or result in possible rate mitigation. The first threshold is that the increase in the monthly service charge should not exceed \$4 per month. The 2015 monthly fixed charge is \$12.57 and the proposed 2016 monthly fixed charge is \$15.12. PDI is below this threshold as the proposed increase in the monthly service charge is \$2.55.

The second threshold is to determine the combined effects of the shift to fixed rates and other bill impacts to a residential customer in the 10th percentile of consumption. If the total bill impact for these customers is 10% or greater, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required. PDI has reviewed its residential consumption data for 2014. Using a sample size of 30,589 out of 32,140 residential customers, a 10th percentile consumption point was determined to be 313 kWh per month before the loss factor. The bill impact for the 10% percentile residential customer is included in Appendix D and summarized in the table below.

Table 4 – Bill Impact Residential – 10% Percentile Customer

	Average	Total	Total	Total	Total
	Monthly	Current	Proposed	Bill	Bill
Class	kWh	Bill	Bill	Impact \$	Impact %
Residential - 10% Percentile Consumption	313	\$ 61.91	\$ 68.02	\$ 6.11	9.87%

As illustrated in the table above, the total bill impact, including the removal of the Ontario Clean Energy Benefit and Debt Retirement Charges is 9.87% which falls just below the threshold as set by the Board for rate mitigation. It should be noted that the increase as presented above represents the total impact on rates, under the assumption that the Group 1 Deferral/Variance Account balances will be recovered a period of 24 months, instead of the traditional 12 months. Without this proposed rate mitigation, the increase to this customer would have been 11.92%.

While 9.87% represents a substantial increase to this customer group, PDI is not proposing further mitigation for the following reasons:

Increasing the transition period from four to five years results in a reduction to the 10th percentile customer of only \$0.32.

- For those customers who are most sensitive to electricity rate changes, the introduction of
 the Ontario Electricity Support Program funding will be available beginning in 2016, which
 is simultaneous with the implementation of the various changes driving the bill impacts.
- PDI will be conducting a cost allocation review when rebasing rates in 2017.

xiv. Proposed Rates and Bill Impacts

PDI's proposed tariff can be found in Appendix B and is the output of the Board's 2016 IRM Rate Generator Model. Bill impacts by customer class are included in Appendix D. The table below summarizes the monthly bill impacts by customer class.

TABLE 5 – BILL IMPACTS BY CUSTOMER CLASS

	Average Monthly		Total	Total	Total	Total
	Volume		Current	Proposed	Bill Impact	Bill
Class	kWh	kW	Bill	Bill	\$	Impact %
Residential	800		\$ 136.79	\$ 145.36	\$ 8.57	6.26%
Residential - 10th Percentile	313		\$ 61.91	\$ 68.02	\$ 6.11	9.87%
GS <50 kW	2,000		\$ 335.57	\$ 373.28	\$ 37.71	11.24%
GS > 50 kW - non WMP		250	\$ 23,577.56	\$ 26,125.82	\$ 2,548.26	10.81%
GS > 50 kW - WMP		529	\$ 46,226.68	\$ 45,931.71	-\$ 294.97	-0.64%
Large User		5,000	\$509,305.15	\$514,754.95	\$ 5,449.80	1.07%
Unmetered Scattered Load (USL)	35,000		\$ 6,526.94	\$ 6,503.66	-\$ 23.28	-0.36%
Sentinel Lighting		730	\$ 118.04	\$ 117.99	-\$ 0.05	-0.04%
Street Lighting		1,500	\$171,353.77	\$170,922.44	-\$ 431.33	-0.25%

The above bill impacts exclude the Ontario Electricity Support Program charges which have not been finalized. The bill impacts above are significantly impacted by changes to non-distribution related changes by customer class. The Ontario Clean Energy Benefit (OCEB) has been removed from any qualifying customer class. The Debt Retirement Charge (DRC) has been removed from only the Residential class. The table below details the impact of Subtotal C (Delivery) versus the impact of all other charges, including the removal of OCEB and the DRC where applicable.

TABLE 6 – BILL IMPACTS DELIVERY VS ALL OTHER CHARGES

		Total \$	Sı	Bill Impact ubtotal C	\$ E	Bill Impact All	All Other %
Class	Bi	II Impact		Delivery		Other	Of Increase
Residential	\$	8.57	-\$	0.31	\$	8.88	104%
GS <50 kW	\$	37.71	\$	0.42	\$	37.29	99%
GS > 50 kW	\$	2,548.26	\$	71.47	\$	2,619.73	103%
Large User	\$	5,449.80	\$	5,449.80	\$	0.00	0%
Unmetered Scattered Load (USL)	-\$	23.28	-\$	23.28	\$	0.00	0%
Sentinel Lighting	-\$	0.05	\$	0.05	\$	0.00	10%
Street Lighting	-\$	431.33	-\$	431.33	\$	0.00	0%

PDI notes that the Subtotal C Delivery increase is primarily driven by an increase in the Deferral/Variance account rate riders across all customer classes. For OCEB eligible customers, including the General Service classes with increases in excess of 10%, the majority of the increase in their bill is driven by a large increase in All Other charges. This increase is primarily a result of the removal of the OCEB credit.

xv. Rate Mitigation/Conclusion

PDI has complied with the instructions provided in the Chapter 3 Filing Requirements dated July 16, 2015. As a result, PDI applies for an Order or Orders approving the Tariff of Rates and Charges as set out in Appendix B to this Application.

As indicated in the bill impact section above, the General Service customers have increases of 11.24% and 12.45% respectively after rate mitigation proposed in this application and summarized below. As provided in Table 6, the majority of the increase for these groups is due to "All Other" charges, primarily resulting in the elimination of the OCEB credit. PDI cannot recommend rate mitigation for components that are billed on a pass-through basis.

PDI also considered a delay in the implementation of the LRAMVA rate rider to 2017. The impact of this rate rider to these classes is less than 1%. Given that the impact is not material, PDI is proposing to clear the LRAMVA balance as planned.

Accordingly, to mitigate the overall increases to our customers, this application includes rate mitigation proposed by PDI in the form of:

- Excluding the rate rider for tax changes to GS<50 kW based on rounding;
- 24 month period recovery for the Group 1 Deferral and Variance account balances

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Appendix A

Current Tariff Sheets

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

RESIDENTIAL SERVICE CLASSIFICATION

Residential class customers are defined as single-family dwelling units for domestic or household purposes. Semi-detached and row town-housing will be considered residential class if each individual unit is located on its own registered freehold lot fronting on the public road allowance. Each unit must have its own individual service connection from the road allowance and each main service disconnect is assessable from the unit which it supplies. All other developments are considered to be in the General Service class. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	12.57
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0123
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0010)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0054
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050
MONTHLY RATES AND CHARGES - Regulatory Component		
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Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies 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. General Service class customers are defined as all buildings not classified as residential. A customer must remain in its customer class for a minimum of twelve (12) months before being reassigned to another class. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	30.62
Rate Rider for Recovery of Stranded Meter Assets - effective until April 30, 2017	\$	5.58
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0087
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0054
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to all buildings not classified as residential and having a service connection capable of load delivery equal to or above 50 kW or having an average monthly peak demand equal to or greater than 50 kW over a twelve month period, but less than 5,000 kW. A customer must remain in its customer class for a minimum of twelve (12) months before being reassigned to another class. Customers who require service connections above 1,000 kVA must supply and own the primary conductors, switchgear and their own transformation above the maximum supplied by Peterborough Distribution Inc. (see Section 3.3 of Conditions of Service). The maximum allowable service connection on the 27.6 kV system is 5,000 kVA. Customers have the option of ownership of transformation at all sizes and are required to own the transformation above the maximum levels supplied by Peterborough Distribution Inc. If a customer decides or is required to own their transformation, the transformer specifications and its loss evaluation require approval from Peterborough Distribution Inc. The customer is required to compensate Peterborough Distribution Inc. for transformer losses that exceed the maximum acceptable losses. The customer will receive a transformer allowance as specified in the current rate schedule for privately owned transformation. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

\$	156.54
\$/kW	2.6680
\$/kW	0.3277
\$/kW	(0.0202)
\$/kW	(0.4368)
\$/kW	0.6702
\$/kW	2.1701
\$/kW	2.6778
\$/kW	1.7626
\$/kWh	0.0044
\$/kWh	0.0013
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Effective and Implementation Date May 1, 2015

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

EB-2014-0107

LARGE USE SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service Customers requiring a connection with a connected load or whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

	\$	
Service Charge	Ψ	6,289.25
Distribution Volumetric Rate	\$/kW	0.7347
Low Voltage Service Rate	\$/kW	0.4014
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.0124)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.5108)
Retail Transmission Rate - Network Service Rate	\$/kW	3.1549
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1594
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	2.08
Distribution Volumetric Rate	\$/kWh	0.0274
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0011)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0054
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification covers sentinel lights used for security or other commercial activities. All attempts must be made to connect these loads to a metered service where possible. The customer is required to provide details of the connected load and usage pattern prior to connecting to the distribution system. The customer owns all the equipment and facilities from the load side of the connection to the distribution system. The connection shall be made to the distribution system as approved by Peterborough Distribution Inc. Peterborough Distribution Inc. has operational control of the connection to the distribution system. The customer is responsible for any requirements under the Ontario Electrical Safety Code and is required to have all equipment inspected and approved by the Electrical Safety Authority. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	11.55
Distribution Volumetric Rate	\$/kW	4.6046
Low Voltage Service Rate	\$/kW	0.2602
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.0896)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.3790)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kW	1.8749
Retail Transmission Rate - Network Service Rate	\$/kW	2.0334
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3996
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies only to street lighting equipment owned by the City of Peterborough, other authorized municipalities or the Province of Ontario and operating within the licenced territory of Peterborough Distribution Inc. Included is decorative and seasonal lighting connected to street lighting facilities owned by the City of Peterborough, other authorized municipalities and the Province of Ontario. The customer owns all equipment and facilities from the load side of the connection to the distribution system. The customer is required to provide details of the connected load and usage pattern prior to connecting to the distribution system. Each streetlight is to be individually controlled by a photocell. Underground connections for street lighting require a main disconnect to be installed by the Customer. The customer is responsible for any requirements under the Ontario Electrical Safety Code and is required to have all equipment inspected and approved by the Electrical Safety Authority. The customer may retain operational control of any disconnects if authorized by Peterborough Distribution Inc. and operated by qualified personnel. Peterborough Distribution Inc. retains operational control of the connections to the distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge (per connection)	\$	3.15
Distribution Volumetric Rate	\$/kW	13.1409
Low Voltage Service Rate	\$/kW	0.2541
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.2034)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.3915)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kW	1.9485
Retail Transmission Rate - Network Service Rate	\$/kW	2.0184
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3670
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge \$ 5.40

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$ 15.00
Statement of Account	\$ 15.00
Pulling Post Dated Cheques	\$ 15.00
Duplicate Invoices for previous billing	\$ 15.00
Request for other billing information	\$ 15.00
Easement Letter	\$ 15.00
Income Tax Letter	\$ 15.00
Notification charge	\$ 15.00
Account History	\$ 15.00
Credit Reference/credit check (plus credit agency costs)	\$ 15.00
Returned cheque (plus bank charges)	\$ 15.00
Legal letter charge	\$ 15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ 30.00
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 at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

SPECIFIC SERVICE CHARGES (cont'd)

Other

Service call – customer owned equipment	\$ 30.00
Service call – after regular hours	\$ 165.00
Temporary Service – Install & remove – overhead – no transformer	\$ 500.00
Temporary Service – Install & remove – underground – no transformer	\$ 300.00
Temporary Service – Install & remove – overhead – with transformer	\$ 1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$ 22.35

Effective and Implementation Date May 1, 2015

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

EB-2014-0107

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0548
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0172
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0443
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0070

Peterborough Distribution Inc 2016 4th Generation IRM Rate Application EB-2015-0097 Filed: September 28, 2015

Appendix B

Proposed Tariff Sheets

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

RESIDENTIAL SERVICE CLASSIFICATION

Residential class customers are defined as single-family dwelling units for domestic or household purposes. Semidetached and row town-housing will be considered residential class if each individual unit is located on its own registered freehold lot fronting on the public road allowance. Each unit must have its own individual service connection from the road allowance and each main service disconnect is assessable from the unit which it supplies. All other developments are considered to be in the General Service class. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

Service Charge	\$	15.12
Rate Rider for Application of Tax Change (2016) - effective until April 30, 2017	\$	0.05
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0093
Low Voltage Service Rate	\$/kWh	0.0010
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018 Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2018	\$/kWh	0.0008
Applicable only for Non-RPP Customers	\$/kWh	0.0028
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies 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. General Service class customers are defined as all buildings not classified as residential. A customer must remain in its customer class for a minimum of twelve (12) months before being reassigned to another class. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	30.97
Rate Rider for Recovery of Stranded Meter Assets - effective until April 30, 2017	\$	5.58
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0088
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	\$/kWh	(0.0001)
- effective until April 30, 2018	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018 Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2018	\$/kWh	0.0008
Applicable only for Non-RPP Customers	\$/kWh	0.0028
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to all buildings not classified as residential and having a service connection capable of load delivery equal to or above 50 kW or having an average monthly peak demand equal to or greater than 50 kW over a twelve month period, but less than 5,000 kW. A customer must remain in its customer class for a minimum of twelve (12) months before being reassigned to another class. Customers who require service connections above 1,000 kVA must supply and own the primary conductors, switchgear and their own transformation above the maximum supplied by Peterborough Distribution Inc. (see Section 3.3 of Conditions of Service). The maximum allowable service connection on the 27.6 kV system is 5,000 kVA. Customers have the option of ownership of transformation at all sizes and are required to own the transformation above the maximum levels supplied by Peterborough Distribution Inc. If a customer decides or is required to own their transformation, the transformer specifications and its loss evaluation require approval from Peterborough Distribution Inc. The customer is required to compensate Peterborough Distribution Inc. for transformer losses that exceed the maximum acceptable losses. The customer will receive a transformer allowance as specified in the current rate schedule for privately owned transformation

APPLICATION

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

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

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

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

Service Charge	\$	158.34
Distribution Volumetric Rate	\$/kW	2.6987
Low Voltage Service Rate	\$/kW	0.3277
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.0202)
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0082
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016) - effective until April 30, 2018	\$/kW	(0.0125)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018 Applicable only for Non Wholesale Market Participants	\$/kW	0.3299
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018 Applicable only for Wholesale Market Participants Peter Rider for Disposition of Clobal Adjustment Account (2016) - effective until April 20, 2018	\$/kW	0.0934
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kW	1.0570
Retail Transmission Rate - Network Service Rate	\$/kW	2.6723
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8279
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

LARGE USE SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service Customers requiring a connection with a connected load or whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge	\$	6,361.58
Distribution Volumetric Rate	\$/kW	0.7431
Low Voltage Service Rate	\$/kW	0.4014
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.0124)
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0044
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2018	\$/kW	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018	\$/kW	0.3527
Retail Transmission Rate - Network Service Rate	\$/kW	3.1484
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2394
MONTHLY RATES AND CHARGES - Regulatory Component		
·		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
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EB-2015-0097

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	2.10
Distribution Volumetric Rate	\$/kWh	0.0277
Low Voltage Service Rate	\$/kWh	0.0009
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017 Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kWh \$/kWh	(0.0002) 0.0002
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016) - effective until April 30, 2018	\$/kWh	(0.0006)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2018	\$/kWh	0.0002
Applicable only for Non-RPP Customers	\$/kWh	0.0028
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0048
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification covers sentinel lights used for security or other commercial activities. All attempts must be made to connect these loads to a metered service where possible. The customer is required to provide details of the connected load and usage pattern prior to connecting to the distribution system. The customer owns all the equipment and facilities from the load side of the connection to the distribution system. The connection shall be made to the distribution system as approved by Peterborough Distribution Inc. Peterborough Distribution Inc. has operational control of the connection to the distribution system. The customer is responsible for any requirements under the Ontario Electrical Safety Code and is required to have all equipment inspected and approved by the Electrical Safety Authority. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	11.68
Distribution Volumetric Rate	\$/kW	4.6576
Low Voltage Service Rate	\$/kW	0.2602
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.0896)
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017 Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	\$/kW	0.0318
- effective until April 30, 2018	\$/kW	(0.1006)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018 Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2018	\$/kW	0.2835
Applicable only for Non-RPP Customers	\$/kW	1.0072
Retail Transmission Rate - Network Service Rate	\$/kW	2.0292
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4515
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies only to street lighting equipment owned by the City of Peterborough, other authorized municipalities or the Province of Ontario and operating within the licenced territory of Peterborough Distribution Inc. Included is decorative and seasonal lighting connected to street lighting facilities owned by the City of Peterborough, other authorized municipalities and the Province of Ontario. The customer owns all equipment and facilities from the load side of the connection to the distribution system. The customer is required to provide details of the connected load and usage pattern prior to connecting to the distribution system. Each streetlight is to be individually controlled by a photocell. Underground connections for street lighting require a main disconnect to be installed by the Customer. The customer is responsible for any requirements under the Ontario Electrical Safety Code and is required to have all equipment inspected and approved by the Electrical Safety

Authority. The customer may retain operational control of any disconnects if authorized by Peterborough Distribution Inc. and operated by qualified personnel. Peterborough Distribution Inc. retains operational control of the connections to the distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

Service Charge (per connection)	\$	3.19
,		
Distribution Volumetric Rate	\$/kW	13.2920
Low Voltage Service Rate	\$/kW	0.2541
Rate Rider for CGAAP Accounting Changes (2013) - effective until April 30, 2017	\$/kW	(0.2034)
Rate Rider for Application of Tax Change (2016) – effective until April 30, 2017	\$/kW	0.0375
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)		
- effective until April 30, 2018	\$/kW	(0.1656)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2018	\$/kW	0.2706
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kW	0.9623
Retail Transmission Rate - Network Service Rate	\$/kW	2.0143
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4177
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition of Service.

APPLICATION

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

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

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

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

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

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Pulling Post Dated Cheques	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Notification charge	\$	15.00
Account History	\$	15.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
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 at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
SPECIFIC SERVICE CHARGES (continued)		
Other		
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary Service - Install & Remove - Overhead - No Transformer	\$	500.00
Temporary Service - Install & Remove - Underground - No Transformer	\$	300.00
Temporary Service - Install & Remove - Overhead - With Transformer	\$	1,000.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35

Peterborough Distribution Incorporated TARIFF OF RATES AND CHARGES

Effective and Implementation Date May-01-16
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2015-0097

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

LOSS FACTORS

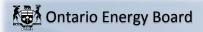
If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0548
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0172
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0443
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0070

Peterborough Distribution Inc 2016 4th Generation IRM Rate Application EB-2015-0097 Filed: September 28, 2015

Appendix C

2016 IRM Model Workforms



Quic

Ontari Distrib

Chapte Electric 2016 rs

Version **Utility Name** Peterborough Distribution Incorporated Assigned EB Number EB-2015-0097 705-748-9301 x1272 **Phone Number Email Address** ajankowski@peterboroughutilities.ca We are applying for rates effective Rate-Setting Method Price Cap IR Please indicate in which Rate Year the Group 1 2015 accounts were last cleared1 Please indicate the last Cost of Service 2013 Re-Basing Year 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.

Note:

1. Rate year of application

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

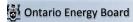
White cells contain fixed values, automatically generated values or formulae.



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

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

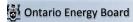
						2012					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-12	Transactions Debit / (Credit) during 2012 excluding interest and adjustments ²	Board-Approved Disposition during 2012	Adjustments during 2012 - other ¹	Closing Principal Balance as of Dec-31-12	Opening Interest I Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	Board- Approved Disposition during 2012	Adjustments during 2012 - other ²	Closing Interest Amounts as of Dec-31-12
Group 1 Accounts											
LV Variance Account	1550	0			539,458	539,458	0			4,948	4,948
Smart Metering Entity Charge Variance	1551										
RSVA - Wholesale Market Service Charge	1580	0			(2,346,205)	(2,346,205)	0			(34,057)	(34,057)
RSVA - Retail Transmission Network Charge	1584	0			(230,076)	(230,076)	0			(8,456)	
RSVA - Retail Transmission Connection Charge	1586	0			109,510	109,510	0			8,022	
RSVA - Power (excluding Global Adjustment)	1588	0			157,530	157,530	0			16,389	
RSVA - Global Adjustment	1589	0			1,178,675	1,178,675	0			29,681	29,681
Disposition and Recovery/Refund of Regulatory Balances (2008) ⁴	1595_(2008)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595_(2009)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595_(2010)	0			(697,360)	(697,360)	0			474,140	474,140
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595_(2011)	0			(99,439)	(99,439)	0			68,264	68,264
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595_(2012)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595_(2013)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴ Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0	0				0
RSVA - Global Adjustment	1589	0	C	0	1,178,675	1,178,675	0	0	0	29,681	29,681
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	C	0		(2,566,582)	0	0	0	529,250	529,250
Total Group 1 Balance		0	C	0	(1,387,907)	(1,387,907)	0	0	0	558,931	558,931
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568				29,019	29,019				409	409
Total including Account 1568		0	C	0	(1,358,888)	(1,358,888)	0	0	0	559,340	559,340



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

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

						2013					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-13	Transactions Debit / (Credit) during 2013 excluding interest and adjustments ²	Board-Approved Disposition during 2013	Adjustments during 2013 - other ¹	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13	Interest Jan-1 to Dec-31-13	Board- Approved Disposition during 2013	Adjustments during 2013 - other ²	Closing Interest Amounts as of Dec-31-13
Group 1 Accounts											
LV Variance Account	1550	539,458	207,342	229,685		517,115	4,948	8,530	4,223		9,255
Smart Metering Entity Charge Variance	1551	0	26,033			26,033	0	328			328
RSVA - Wholesale Market Service Charge	1580	(2,346,205)	(679,125)	(1,121,935)		(1,903,395)	(34,057)	(36,855)	(24,965)		(45,947)
RSVA - Retail Transmission Network Charge	1584	(230,076)	452,370	(222,715)		445,009	(8,456)	(1,774)	(6,468)		(3,762)
RSVA - Retail Transmission Connection Charge	1586	109,510	109,689	293,224		(74,025)	8,022	(58)	7,897		67
RSVA - Power (excluding Global Adjustment)	1588	157,530	105,615			263,145	16,389	6,626	0		23,015
RSVA - Global Adjustment	1589	1,178,675	797,864			1,976,539	29,681	34,719	0		64,400
Disposition and Recovery/Refund of Regulatory Balances (2008) ⁴	1595_(2008)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595_(2009)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595_(2010)	(697,360)	0	(697,360)		0	474,140	(3,165)	470,975		0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595_(2011)	(99,439)	68,264			(31,175)	68,264	(68,264)			0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595_(2012)	0	(39,440)			(39,440)	0	(20,778)			(20,778)
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595_(2013)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴ Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0	0				0
RSVA - Global Adjustment	1589	1,178,675	797,864	0	0	1,976,539	29,681	34,719	0	0	64,400
Total Group 1 Balance excluding Account 1589 - Global Adjustment Total Group 1 Balance		(2,566,582) (1,387,907)	250,748 1,048,612	(1,519,101) (1,519,101)	0	(796,733) 1,179,806	529,250 558,931	(115,410) (80,691)	451,662 451,662	((37,822) 26,578
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	29,019	23,963			52,982	409	504			913
Total including Account 1568		(1,358,888)	1,072,575	(1,519,101)	0	1,232,788	559,340	(80,187)	451,662	(27,491



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

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

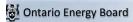
						2014					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-14	Transactions Debit / (Credit) during 2014 excluding interest and adjustments ²	Board-Approved Disposition during 2014	Adjustments during 2014 - other ¹	Closing Principal Balance as of Dec-31-14	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	Board- Approved Disposition during 2014	Adjustments during 2014 - other ²	Closing Interest Amounts as of Dec-31-14
Group 1 Accounts											
LV Variance Account	1550	517,115	(3,294)			513,821	9,255	6,448			15,703
Smart Metering Entity Charge Variance	1551	26,033	(4,087)			21,946	328	346			674
RSVA - Wholesale Market Service Charge	1580	(1,903,395)	(210,218)			(2,113,613)	(45,947)	(24,593)			(70,540)
RSVA - Retail Transmission Network Charge	1584	445,009	432,207			877,216	(3,762)	5,174			1,412
RSVA - Retail Transmission Connection Charge	1586	(74,025)	458,373			384,348	67				(927)
RSVA - Power (excluding Global Adjustment)	1588	263,145	570,964			834,109	23,015				5,274
RSVA - Global Adjustment	1589	1,976,539	1,825,611			3,802,150		75,492			139,892
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595_(2008)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595_(2009)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595_(2010)	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595_(2011)	(31,175)	0			(31,175)	0	0			0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595_(2012)	(39,440)	(1)			(39,441)	(20,778)	15,168			(5,610)
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595_(2013)	0	(9,056)			(9,056)	0	(25,222)			(25,222)
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴											
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0				0	0				0
RSVA - Global Adjustment	1589	1,976,539	1,825,611	0	0	3,802,150	64,400		0) (139,892
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(796,733)	1,234,888	0	0	438,155	(37,822)		0) ((79,234)
Total Group 1 Balance		1,179,806	3,060,499	0	0	4,240,305	26,578	34,080	0) (60,658
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	52,982			(3,129)	49,853	913	672		1,032	2,618
Total including Account 1568		1,232,788	3,060,499	0	(3,129)	4,290,157	27,491	34,752	0	1,032	63,275



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

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

			2	015		Projected	Interest on Dec-3	1-14 Balances	ı
Account Descriptions	Account Number	Principal Disposition during 2015 - instructed by Board	Interest Disposition during 2015 - instructed by Board	Closing Principal Balances as of Dec 31, 2014 Adjusted for Dispositions during 2015	Closing Interest Balances as of Dec 31, 2014 Adjusted for Dispositions during 2015	Projected Interest from Jan 1, 2015 to December 31, 2015 on Dec 31, 2014 balance adjusted for disposition during 2015 ³	Projected Interest from January 1, 2016 to April 30, 2016 on Dec 31, 2014 balance adjusted for disposition during 2014 ³	Total Claim	
Group 1 Accounts									
LV Variance Account	1550	517,115	19,390	(3,294)	(3,687)	(36)	(12)		(7,029)
Smart Metering Entity Charge Variance	1551	26,033	838	(4,087)	(164)	(45)	(15)		(4,311)
RSVA - Wholesale Market Service Charge	1580	(1,903,395)	(83,254)	(210,218)	12,714	(2,312)	(771)		(200,587)
RSVA - Retail Transmission Network Charge	1584	445,009	4,960	432,207	(-//	4,754	1,585		434,998
RSVA - Retail Transmission Connection Charge	1586	(74,025)	(1,384)	458,373			1,681		465,553
RSVA - Power (excluding Global Adjustment)	1588	263,145	28,173	570,964	(//	6,281	2,094		556,439
RSVA - Global Adjustment	1589	1,976,539	103,140	1,825,611	36,752	20,082	6,694		1,889,138
Disposition and Recovery/Refund of Regulatory Balances (2008) ⁴	1595_(2008)			0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595_(2009)			0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595_(2010)			0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595_(2011)	(31,175)	(611)	0	611			Check to Dispose of Account	611
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595_(2012)	(39,440)	(21,551)	(1)	15,941			Check to Dispose of Account.	15,941
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595_(2013)			(9,056)	(25,222)	(100)	(33)	Check to Dispose of Account	(34,410)
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴								☐ Check to Dispose of Account	
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)			0	0			Grant to Dispose of Feedune	0
RSVA - Global Adjustment Total Group 1 Balance excluding Account 1589 - Global Adjustment Total Group 1 Balance	1589	1,976,539 (796,733) 1,179,806	103,140 (53,439) 49,701	1,825,611 1,234,888 3,060,499		13,584	6,694 4,528 11,222		1,889,138 1,227,204 3,116,343
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	0	49,853	2,618				52,470
Total including Account 1568		1,179,806	49,701	3,110,351	13,574	33,665	11,222		3,168,813



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

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

Please refer to the footnotes for further instructions.

Auto-populated by Rate Generator

Account Descriptions	Account Number	As of Dec 31, 2014 (RRR - 2.1.7) April 30, 2015	Variance RRR vs. 2014 Balance (Principal + Interest)
Group 1 Accounts			
LV Variance Account	1550	529,524	0
Smart Metering Entity Charge Variance	1551	22,620	(0)
RSVA - Wholesale Market Service Charge	1580	(2,184,153)	(0)
RSVA - Retail Transmission Network Charge	1584	878,628	-
RSVA - Retail Transmission Connection Charge	1586	383,422	
RSVA - Power (excluding Global Adjustment)	1588	839,383	
RSVA - Global Adjustment	1589	3,942,042	
Disposition and Recovery/Refund of Regulatory Balances (2008) ⁴	1595_(2008)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595_(2009)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595_(2010)	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595_(2011)	(31,174)	1
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595_(2012)	(45,051)	(1)
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595_(2013)	(34,278)	(1)
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴			
Not to be disposed of unless rate rider has expired and balance has been audited	1595_(2014)	0	0
RSVA - Global Adjustment	1589	3,942,042	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		358,921	0
Total Group 1 Balance		4,300,963	1
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	72,991	20,521
Total including Account 1568		4,373,954	20,521



Click on the checkbox to confirm the accuracy of the data below: If you have identified any issues, please contact the Board by clicking HERE.

			** Auto Popi	lated by Rate G	Senerator from most	recent RRR Filing					* Applicant to Enter	r"						** Applic	ant to Enter **				** Auto Populated ** (Q1-2015)
Rate Class	Unit	Total Metered kWh	Total Metered	Billed kWh for Non-RPP Customers	Estimated kW for Non-RPP Customers	Billed kWh for Wholesale Market Participants (WMP)	Billed kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	GA Allocator for Class A, Non-WMP Customers (if applicable) ⁴	Billed kWh for Class A, Non-WMP Customers (if applicable)	Billed kW for Class A, Non-WMF Customers (if applicable)	Billed kWh for Non- RPP Customers LESS Class A Consumption	Billed kW for Non- RPP Customers LESS Class A Demand	1595 Recovery Share Proportion (2008) ¹	1595 Recovery Share Proportion (2009) ¹	1595 Recovery Share Proportion (2010) ¹	1595 Recovery Share Proportion (2011) 1	1595 Recovery Share Proportion (2012) ¹	1595 Recovery Shar Proportion (2013) ¹	1595 Recovery Share Proportion (2014) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	287,195,436	5 0	14,289,27	rs o		0 0	287,195,436	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(ii applicable)	(appa)	(,,	14,289,275	0			12%	365	6 36%		36%	-\$21,040.75	32,181
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	117,175,344	4 0	15,884,30	01 0		0 0	117,175,344					15,884,301	0			5%	145	6 149		14%	\$101,838.60	3,515
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	326,877,923	3 794,143	293,908,89	790,833		6,350	326,877,923	787,793				293,908,897	790,833			65%	435	6 439		43%	-\$19,878.77	/
LARGE USE SERVICE CLASSIFICATION	kW	50,533,271	1 114,828	50,533,27	1 114,828		0 0	50,533,271	114,828		50,533,271	114,82	8 0	0			17%	75	5 79		7%	\$70.92	i .
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,812,182	2 0	1,774,85	8 0		0 0	1,812,182	0				1,774,858	0			0%	01	6 09		0%	-\$2,342.28	4
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	705,377	7 1,993	345,61	18 976		0 0	705,377	1,993	0%			0 345,618	976	0%	09	0%	01	6 09	0:	0%	-\$401.04	4
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,901,550	17,443	5,901,55	0 17,443		0 0	5,901,550	17,443				5,901,550	17,443			2%	15	6 19		1%	-\$5,776.12	4
	Total	790,201,083	3 928,407	382,637,77	0 924,080		0 6.350	790,201,083	922.057	0%	50,533,271	114.82	8 332.104.499	809,252	0%	. 01	100%	1009	6 1009	01	100%	\$52,470.56	35.696

Total Claim (including Account 1568)
Total Claim for Threshold Test (All Group 1 Accounts)
Threshold Test (Total claim per kWh) ² \$3,116,343 \$3,168,813 \$0.0039

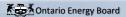
Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.
The Threshold fired does not include the amount in 1584.
The proportion of customers for the Residential and GS-GO Classes will be used to allocate Account 1551.
The proportion of customers for the Residential and GS-GO Classes will be used to allocate Account 1551.
The proportion of customers for the Residential and GS-GO Classes will be used to allocate Account 1551.
The proportion of customers for the balance in account 1559 allocated to Class A customers. So the case, no amount of the balance in 1569 should be allocated to a distributor's Class A customers.



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

Allocation of Group 1 Accounts (including Account 1568)

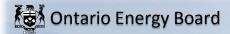
# Total non- Customer adjusted or # WMP 1550 1551 1580 1584 1588 1589 1595 (2008) 1595 (2009) 1595 (2010) 1595 (2011) 1595 (2011) 1595 (2013) 1595 (2014) 1588					7	Total less WMP		Т	otal less WMP								
Nate Class % of Total kWh RPP kWh Numbers** WMP 1550 1551 1580 1584 1586 1588 1589 1595_(2008) 1595_(2010) 1595_(2010) 1595_(2011) 1595_(2013) 1595_(2014) 1586	Beta Class																
	Rate Class	% of Total kWh RPP kWh Numbers **	WMP	1550	1551	1580	1584	1586	1588	1589 1595	(2008) 1595_(2009)	1595_(2010)	1595_(2011)	1595_(2012)	1595_(2013)	1595_(2014)	1568



Input required at cell C15 only. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable), associated rate riders for the global adjustment account (1589) and Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
Proposed Rate Rider Recovery Period (in months)	24	Rate Rider Recovery to be used below

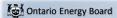
													Metered kWh or				
							Allocation of Group 1		Deferral/Variance		Allocation of Balance	Allocation of Balance	kW for Non-RPP				
				Total Metered	Total Metered	Allocation of Group 1	Account Balances to Non-		Account Rate Rider for		in Account 1589 to	in Account 1589 to	Customers	Metered kWh or	Global	Class A	
		Total Metered	Metered kW	kWh less WMP	kW less WMP	Account Balances to All	WMP Classes Only (If			Allocation of Balance	Class A Customers	Non-Class A	(less WMP if	kW for Class A	Adjustment	Rate Rider	Account 1568
Rate Class	Unit	kWh	or kVA	consumption	consumption	Classes	Applicable)	Account Rate Rider	(if applicable)	in Account 1589	(if applicable)	Customers	applicable)	Customers	Rate Rider	(if applicable)	Rate Rider



Summary - Sharing of Tax Change Forecast Amounts

For the 2013 year, enter any Tax Credits from the Cost of Service Tax Calculation

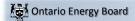
(Positive #)	0	
1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2013	2016
1. Tax helated Alliquits Forecast from Capital Tax hate Changes	2013	2010
Taxable Capital (if you are not claiming capital tax, please enter your Board-Approved Rate Base)	\$ 65,485,610	\$ 65,485,610
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 65,485,610	\$ 65,485,610
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -
2. Tax Related Amounts Forecast from Income Tax Rate Changes		
Regulatory Taxable Income	\$ 903,029	\$ 903,029
Corporate Tax Rate	22.62%	26.500%
Tax Impact	\$ 204,265	\$ 239,303
Grossed-up Tax Amount	\$ 263,977	\$ 325,582
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 263,977	\$ 325,582
Total Tax Related Amounts	\$ 263,977	\$ 325,582
Incremental Tax Savings		\$ 61,605
Sharing of Tax Amount (50%)		\$ 30,803



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

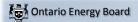
Rate Class		Re-based Billed Customers or Connections		Re-based Billed kW	Re-baed Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
		Α	В	С	D	E	F	G = A * D *12	H = B * E	I = C * F	J = G + H + I	K = G / J	L=H/J	M = I / J	N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh	31,758	295,504,809		12.28	0.0120		4,679,859	3,546,058	0	8,225,917	56.9%	43.1%	0.0%	58.2%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	3,547	112,640,284		29.90	0.0085		1,272,664	957,442	0	2,230,106	57.1%	42.9%	0.0%	15.8%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	390	352,405,232	866,178	152.85		2.6051	715,338	0	2,256,480	2,971,818	24.1%	0.0%	75.9%	21.0%
LARGE USE SERVICE CLASSIFICATION	kW	2	54,338,967	114,493	6140.99		0.7173	147,384	0	82,126	229,510	64.2%	0.0%	35.8%	1.6%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	384	5,458,082	14,999	2.03	0.0268		9,354	146,277	0	155,631	6.0%	94.0%	0.0%	1.1%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	148	703,468	2,009	11.28		4.4960	20,033	0	9,032	29,066	68.9%	0.0%	31.1%	0.2%
STREET LIGHTING SERVICE CLASSIFICATION	kW	8,150	1,646,137		3.07		12.8311	300,246	0	0	300,246	100.0%	0.0%	0.0%	2.1%
Total		44,379	822,696,979	997,679				7,144,878	4,649,777	2,347,639	14,142,293				100.0%

Rate Class		Total kWh (most recent RRR filing)	(most recent RRR filing)	Savings by Rate Class	Distribution Rate Rider	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	287,195,436		17,916	0.05	\$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	117,175,344		4,857	0.0000	kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	326,877,923	794,143	6,473	0.0082	kW
LARGE USE SERVICE CLASSIFICATION	kW	50,533,271	114,828	500	0.0044	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,812,182		339	0.0002	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	705,377	1,993	63	0.0318	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	5,901,550	17,443	654	0.0375	kW
Total		790,201,083	928,407	\$30,803		

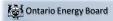


Columns E and F have been populated with data from the most recent RRR filing. Rate classes that have more than one Network or Connection charge will notice that the cells are highlighted in green and unlocked. If the data needs to be modified, please make the necessary adjustments and note the changes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

Rate Class	Rate Description	Unit	Rate	Adjusted Metered kWh	Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh	
Residential Service Classification Residential Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0072 0.0050	287,195,436 287,195,436	0	1.0548 1.0548		
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	117,175,344	0	1.0548	123,596,553	
General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW	0.0046 2.6778	117,175,344 326,877,923	794,143	1.0548	123,596,553	
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7626	326,877,923	794,143			
Large Use Service Classification Large Use Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	3.1549 2.1594	50,533,271 50,533,271	114,828 114,828			
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	1,812,182	0	1.0548		
Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kW	0.0046 2.0334	1,812,182 705,377	0 1,993	1.0548	1,911,490	
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3996	705,377	1,993			
Street Lighting Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	2.0184 1.3670	5,901,550 5,901,550	17,443 17,443			

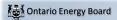


Uniform Transmission Rates	Unit		ective ry 1, 2014		ective ry 1, 2015		ective ry 1, 2016
Rate Description		i	Rate	ı	Rate	ı	Rate
Network Service Rate	kW	\$	3.82	\$	3.78	\$	3.78
Line Connection Service Rate	kW	\$	0.82	\$	0.86	\$	0.86
Transformation Connection Service Rate	kW	\$	1.98	\$	2.00	\$	2.00
Hydro One Sub-Transmission Rates	Unit	January	ective / 1, 2014 to 30, 2015		ective 1, 2015		ective ry 1, 2016
Rate Description		F	Rate	ı	Rate	F	Rate
Network Service Rate	kW	\$	3.23	\$	3.4121	\$	3.4121
Line Connection Service Rate	kW	\$	0.65	\$	0.7879	\$	0.7879
Transformation Connection Service Rate	kW	\$	1.62	\$	1.8018	\$	1.8018
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$	2.5897	\$	2.5897
If needed, add extra host here. (I)	Unit		fective ry 1, 2014	Ef Janua	fective ary 1, 2015		ective ry 1, 2016
Rate Description		i	Rate	ı	Rate	ı	Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
If needed, add extra host here. (II)	Unit		fective ry 1, 2014		fective ary 1, 2015		ective ry 1, 2016
Rate Description		ı	Rate		Rate	ı	Rate
Network Service Rate	kW						
Line Connection Service Rate	kW						
Transformation Connection Service Rate	kW						
Both Line and Transformation Connection Service Rate	kW	\$	-	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 9A	Unit		fective		fective		ective
Rate Description			ry 1, 2014 Rate		ry 1, 2015		ry 1, 2016 Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$	0.1465	\$	· ·	\$	-
RSVA Transmission connection – 4716 – which affects 1586	kW	\$	0.0667	\$	_	\$	-
RSVA LV – 4750 – which affects 1550	kW	\$	0.0475	\$	_	\$	
RARA 1 – 2252 – which affects 1590	kW	\$	0.0419	\$	-	\$	-
RARA 1 – 2252 – which affects 1590 (2008)	kW	-\$	0.0270	\$	_	\$	-
RARA 1 – 2252 – which affects 1590 (2009)	kW	-\$	0.0006	\$	-	\$	-
Hydro One Sub-Transmission Rate Rider 9A	kW	\$	0.2750	\$		\$	
		Histor	rical 2014	Curr	ent 2015	Forec	ast 2016
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	\$	5101		Jan		. 5.60	



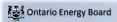
In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet 9. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the line connection and transformer connection common are completed.

IESO Month	Units Billed	Network Rate		Amount	Units Billed	ne Connect Rate		Amount	Transfor Units Billed	mation Co Rate	Amount		otal Line Amount
	Omo Dinca	Auto		· · · · · · · · · · · · · · · · · · ·	Omis Dincu	ruic		· inount	Omis binea	ruic	7 mount		········
January	84,506	\$3.82	\$	322,813	85,174	\$0.82	\$	69,843	85,174	\$1.98	\$ 168,645	\$	238,487
February	76,032	\$3.82	\$	290,442	89,449	\$0.82	\$	73,348	89,449	\$1.98	\$ 177,109	\$	250,457
March	73,470	\$3.82	\$	280,655	73,470	\$0.82	\$	60,245	73,470	\$1.98	\$ 145,471	\$	205,716
April	64,876	\$3.82	\$	247,826	64,876	\$0.82	\$	53,198	64,876	\$1.98	\$ 128,454	\$	181,653
May	55,065	\$3.82 \$3.82	\$	210,348	61,932	\$0.82 \$0.82	\$	50,784	61,932	\$1.98	\$ 122,625	\$	173,410
June	74,248		\$	283,627	76,431		\$	62,673	76,431	\$1.98	\$ 151,333	\$	214,007
July	79,968	\$3.82	\$	305,478	81,452	\$0.82	\$	66,791	81,452	\$1.98	\$ 161,275	\$	228,066
August September	91,723 76,212	\$3.82 \$3.82	\$ \$	350,382 291,130	93,498 86,333	\$0.82 \$0.82	\$	76,668 70,793	93,498 86,333	\$1.98 \$1.98	\$ 185,126 \$ 170,939	\$ \$	261,794 241.732
October	69.738	\$3.82	\$	266.399	72.994	\$0.82	\$	70,793 59.855	72.994	\$1.98	\$ 170,939 \$ 144.528	\$	204,383
November	84,910	\$3.82	\$	324,356	86,001	\$0.82	\$	70,521	86,001	\$1.98	\$ 170,282	\$	240,803
December	81,464	\$3.82	\$	311,192	82,294	\$0.82	\$	67,481	82,294	\$1.98	\$ 162,942	\$	230,423
Total	912,212	\$ 3	.82 \$	3,484,650	953,904	\$ 0.82	\$	782,201	953,904	\$ 1.98	\$ 1,888,730	\$	2,670,931
Hydro One		Network			Lin	ne Connect	tion		Transfor	mation Co	onnection	Т	otal Line
Month	Units Billed	Rate		Amount	Units Billed	Rate		Amount	Units Billed	Rate	Amount		Amount
January	64,705	\$3.23	\$	208,997	15,764	\$0.65	\$	10,247	61,983	\$1.62	\$ 100,412	\$	110,659
February March	59,378	\$3.23 \$3.23	\$	191,790	14,735	\$0.65 \$0.65	\$	9,578 8.867	57,641	\$1.62 \$1.62	\$ 93,378	\$	102,956
April	55,766 61,104	\$3.23	\$	180,126 197,365	13,641 12,288	\$0.65	\$	7,987	53,133 59,405	\$1.62	\$ 86,076 \$ 96,236	\$	94,942 104,223
Mav	51,104	\$3.23	\$	167,791	12,288	\$0.65	S	8,139	51,780	\$1.62	\$ 95,236	\$	92.023
June	46.150	\$3.23	\$	149.063	12,521	\$0.65	S	9,031	41.662	\$1.62	\$ 67,493		76.524
July	49,471	\$3.23	S	159,790	13,449	\$0.65	S	8,742	44,140	\$1.62	\$ 71.506	\$	80.248
August	54,737	\$3.23	\$	176.800	14,341	\$0.65	S	9.321	49.830	\$1.62	\$ 80.725	\$	90.046
September	38.328	\$3.23	\$	123,800	11,422	\$0.65	\$	7,424	35.735	\$1.62	\$ 57,891	\$	65.315
October	28,176	\$3.23	\$	91,009	12,047	\$0.65	\$	7,831	29,391	\$1.62	\$ 47,614	\$	55,445
November	48,835	\$3.23	\$	157,738	17,885	\$0.65	\$	11,625	45,483	\$1.62	\$ 73,682	\$	85,307
December	50,427	\$3.23	\$	162,881	15,362	\$0.65	\$	9,985	50,287	\$1.62	\$ 81,465	\$	91,451
Total	609,025	\$ 3	.23 \$	1,967,149	167,349	\$ 0.65	\$	108,777	580,470	\$ 1.62	\$ 940,362	\$	1,049,138
Add Extra Host Here (I)		Network			Lin	ne Connect	ion		Transfor	mation Co	onnection	T	otal Line
Month	Units Billed	Rate		Amount	Units Billed	Rate		Amount	Units Billed	Rate	Amount		Amount
January		\$0.00				\$0.00				\$0.00		\$	
February		\$0.00				\$0.00				\$0.00		\$	
March		\$0.00				\$0.00				\$0.00		\$	
April		\$0.00				\$0.00				\$0.00		\$	
May		\$0.00				\$0.00				\$0.00		\$	-
June		\$0.00				\$0.00				\$0.00		\$	
July		\$0.00				\$0.00				\$0.00		\$	-
August		\$0.00				\$0.00				\$0.00		\$	
September		\$0.00				\$0.00				\$0.00		\$	
October		\$0.00				\$0.00				\$0.00		\$	
November						\$0.00				\$0.00		\$	
		\$0.00											
December		\$0.00 \$0.00				\$0.00				\$0.00		\$	
			- \$			\$0.00	s			\$0.00	\$ -	\$	
December Total	-	\$0.00	- \$			\$ -	\$	-	Transfor	\$ -	\$ -	\$	otal Line
December Total Add Extra Host Here (II) (If needed)	-	\$0.00 \$ Network	- \$	-		\$ - ne Connect		·		\$ -	\$ -	\$	otal Line
December Total	- Units Billed	\$0.00	- \$	Amount	- Lit Units Billed	\$ -		Amount	Transfor	\$ -	\$ -	\$	otal Line
December Total Add Extra Host Here (II) (If needed)	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		\$ - ne Connect Rate \$0.00		Amount		\$ - mation Co		\$	
December Total Add Extra Host Here (II) (if needed) Month	Units Billed	\$0.00 \$ Network Rate \$0.00 \$0.00	- \$	Amount		\$ - ne Connect Rate \$0.00 \$0.00		Amount		\$ - mation Co Rate \$0.00 \$0.00		\$ T	
December Total Add Extra Host Here (II) (In needed) Month January	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		\$ - ne Connect Rate \$0.00		Amount		\$ - mation Co Rate \$0.00 \$0.00 \$0.00		\$ *	
December Total Add Extra Host Here (II) (If needed) Month January February March April	Units Billed	\$0.00 \$ Network Rate \$0.00 \$0.00 \$0.00 \$0.00	- \$	Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00		Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February March April May	Units Billed	\$0.00 \$ Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	- \$	Amount		\$ - ne Connect Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$	
December Total Add Extra Host Here (II) (If needed) Month January February March April May June	Units Billed	\$0.00 \$ Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	- \$	Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February March April May	Units Billed	\$0.00 \$ Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	- \$	Amount		\$ Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		\$ - mation C Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$	
December Total Add Extra Host Here (II) (If needed) Month January February March April May June July August	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		\$ - mation Co Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September	Units Billed	\$0.00 S Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	- \$	Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		Rate \$0.00 \$0.		\$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		\$ - Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November	Units Billed	\$0.00 \$ Network Rate \$0.00	- \$	Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		Amount		Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December	Units Billed	\$0.00 \$ Network Rate \$0.00 \$0.	- \$	Amount	Units Billed	\$ - ne Connecta Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$	Amount	Units Billed	\$ - mation Ct Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December		\$0.00 Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	- \$	-	Units Billed	\$ Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	S	-	Units Billed	Rate \$0.00	Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Month	Units Billed	\$0.00 Network Rate \$0.00		Amount	Units Billed	\$ Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	S	Amount	Units Billed Transfor	\$ Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total Total Month January	Units Billed	\$0.00 Notwork Rate \$0.00 \$	s	Amount 531,810	Units Billed	\$ Rate \$0.00	\$ stion	Amount 80,089	Units Billed Transfor Units Billed	\$ mation C Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Total Month January February	Units Billed 149,211 135,410	\$0.00 Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$	Amount 531,810 482,232	Units Billed Units Billed 100,938	Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ s s	Amount 80,089 82,926	Units Billed Transfot Units Billed 147,157 147,090	\$ - mation Co Rate \$0.00	Amount \$ 269,057 \$ 270,487	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Total Month January February	Units Billed 149,211 135,410 129,238	\$0.00 Network Rate \$0.00 \$	\$ \$ \$	Amount 531,810 482,232 460,781	Units Billed Units Billed 100,938 104,184 87,111	Rate \$0.00	\$ \$ \$ \$	Amount 80,089 82,926 69,112	Units Billed Transfor Units Billed 147,157 147,090 126,603	Rate \$0.00	Amount \$ 269,057 \$ 270,487 \$ 231,546	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Total Month January February	Units Billed 149,211 135,410 129,236 125,980	\$0.00 Network Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ \$ \$ \$	Amount 531,810 482,232 460,781 445,191	Units Billed Units Billed 100,938 104,184 87,111 77,164	Rate \$0.00	\$ \$ \$ \$ \$	Amount 80,089 82,926 69,112 61,185	Transfor Units Billed 147,157 147,090 126,603 124,281	\$	Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) (if needed) Month January February March April May June July August September October November December Total Total Month January February March April Month March April March April March April May	Units Billed 149,211 135,410 129,236 125,980 107,013	\$0.00 Network Rate \$0.00 \$0	\$ \$ \$ \$	Amount 531,810 482,232 460,781 445,191 378,139	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453	\$ Rate \$0.00	s s s s s	Amount 80,089 82,926 69,112 61,185 58,923	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712	\$ Rate \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.83 \$1.83 \$1.83 \$1.81	Amount \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June	Units Billed 149.211 135,410 129,236 129,800 107,013	\$0.00 Network Rate \$0.00	\$ \$ \$ \$ \$ \$	Amount 531,810 482,232 460,781 445,191 378,139 432,690	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325	\$	\$ \$ \$ \$ \$ \$	Amount 80,089 82,926 69,112 61,185 58,923 71,705	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093	\$ mattion C S mattion C ma	Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 206,509 \$ 218,826	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (If needed) Month January February March April May June July August September October November December Total Total Month January February March April My	Units Billed 149,211 135,410 129,238 125,980 107,013 120,398 129,439	\$0.00 Network Rate \$0.00 \$	*****	Amount 531,810 482,232 480,781 445,191 378,139 432,690 465,268	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901	\$	s s s s s s s	Amount 80,089 82,926 69,112 61,185 71,705 75,533	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592	\$	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Month January February March April May June July August	Units Billed 149.211 135.410 129.236 129.980 107.013 120.398 124.439 144.460	\$0.00 Network Rate \$0.00 \$0.	*****	Amount 531,810 482,232 460,781 445,191 378,139 432,690 465,268 527,182	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839	\$	s s s s s s s s s	Amount 80,089 82,926 69,112 61,185 58,923 71,705 75,533 85,930	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328	\$	Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 206,509 \$ 218,826 \$ 232,781 \$ 265,851	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November December Total Total Month January February March April My August September July August September July August August August September Jotal Total Month January February March April May June July August September	Units Billed 149.211 135.410 129.236 125.980 120.398 124.439 146.460 114.540	\$0.00 Network Rate \$0.00 \$0	\$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 531,810 482,232 460,781 445,191 378,193 432,690 465,268 527,182 414,930	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755	\$	s s s s s s s s s	Amount 80,089 82,926 69,112 61,185 58,923 71,705 75,533 85,990 78,217	Units Billed Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,088	\$	Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 218,826 \$ 232,781 \$ 265,851 \$ 228,830	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November Total Total Month January February March April May June July August September October Total	Units Billed 149.211 135.410 129.236 129.980 107.013 120.398 124.439 146.460 114.540 97.9141	\$0.00 Network Rate \$0.00 \$0.	\$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 531,810 482,232 460,781 445,191 372,139 432,690 465,268 527,182 414,930 357,409	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,893 97,755 85,041	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 80,089 82,926 69,112 61,185 58,923 71,705 75,533 85,990 76,217 67,686	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385	\$	Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 206,509 \$ 218,826 \$ 232,781 \$ 265,851 \$ 228,830 \$ 192,142	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) (if needed) Month January February March April May June July August September October November Total Total Month January February March April Month January February March April May June July August September October November September October November October November October November October October November	Units Billed 149,211 135,410 129,238 125,980 107,013 120,398 124,439 146,460 111,540 97,914	\$0.00 Network Rate \$0.00 \$0	**********	531,810 482,232 460,781 445,191 378,139 432,690 465,268 527,182 414,930 357,409 482,095	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 80,089 82,926 69,112 61,185 58,923 71,705 75,533 85,990 78,217 67,686 82,146	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385 131,484	\$	\$ Denoction Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 218,826 \$ 232,781 \$ 265,851 \$ 228,830 \$ 192,142 \$ 243,964	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) Month January February March April May June July August September October November Total Total Month January February March April May June July August September October Total	Units Billed 149.211 135.410 129.236 129.980 107.013 120.398 124.439 146.460 114.540 97.9141	\$0.00 Network Rate \$0.00 \$0.	\$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 531,810 482,232 460,781 445,191 372,139 432,690 465,268 527,182 414,930 357,409	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,893 97,755 85,041	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 80,089 82,926 69,112 61,185 58,923 71,705 75,533 85,990 76,217 67,686	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385	\$	Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 206,509 \$ 218,826 \$ 232,781 \$ 265,851 \$ 228,830 \$ 192,142	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) (if needed) (if needed) Month January February March April May June July August September October November Total Total Month January February March April Month January February March April May June July August September October November September October November October November October November October October November	Units Billed 149,211 135,410 129,238 125,980 107,013 120,398 124,439 146,460 111,540 97,914	\$0.00 Network Rate \$0.00 \$0	**********	531,810 482,232 460,781 445,191 378,139 432,690 465,268 527,182 414,930 357,409 482,095	Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 80,089 82,926 69,112 61,185 58,923 71,705 75,533 85,990 78,217 67,686 82,146	Transfor Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385 131,484	\$	S Denoction Amount \$ 269,057 \$ 270,487 \$ 231,546 \$ 224,690 \$ 216,826 \$ 232,781 \$ 265,851 \$ 228,830 \$ 192,142 \$ 244,407	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount



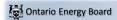
The purpose of this sheet is to calculate the expected billing when current 2015 Uniform Transmission Rates are applied against historical 2014 transmission units

IESO		Network		Lin	ne Connection	1	Transfo	mation Con	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	84,506 \$	3.7800			\$ 0.8600 \$				\$ 170,348	\$ 243,598
February	76,032 \$	3.7800	\$ 287,401	89,449	\$ 0.8600 \$	76,926	89,449	\$ 2.0000	\$ 178,898	\$ 255,824
March	73,470 \$ 64.876 \$		\$ 277,717 \$ 245,231		\$ 0.8600 5				\$ 146,940 \$ 129,752	\$ 210,124 \$ 185,545
April										
May June	55,065 \$		\$ 208,146 \$ 280,657						\$ 123,864 \$ 152.862	\$ 177,126 \$ 218.593
	74,248 \$ 79,968 \$		\$ 280,657 \$ 302,279						\$ 152,862 \$ 162,904	
July	91,723 \$		\$ 302,279 \$ 346,713		\$ 0.8600 \$ \$ 0.8600 \$	80,408			\$ 186,996	
August September	76,212 \$		\$ 288,081		\$ 0.8600 \$		86,333		\$ 172,666	\$ 267,404 \$ 246,912
October	69,738 \$		\$ 263,610	72,994	\$ 0.8600 \$	62,775			\$ 145,988	\$ 208,763
November	84,910 \$		\$ 320,960	86,001	\$ 0.8600 \$				\$ 172,002	\$ 245,963
December	81,464 \$		\$ 307,934		\$ 0.8600 \$				\$ 164,588	\$ 235,361
Doddinod	01,101	0.7000	ψ 007,004	02,204	Q 0.0000 (, 10,110	02,204	Ų 2.0000	4 101,000	ų 200,001
Total	912,212 \$	3.78	\$ 3,448,161	953,904	\$ 0.86 5	820,357	953,904	\$ 2.00	\$ 1,907,808	\$ 2,728,165
Hydro One		Network		Lin	ne Connectior	1	Transfo	mation Con	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	64,705 \$	3.3765	\$ 218,476	15.764	\$ 0.7167 \$	11.298	61,983	\$ 1.6200	\$ 100.412	\$ 111,711
February	59,378 \$		\$ 200,488		\$ 0.7167 \$				\$ 93,378	\$ 103,939
March	55.766 \$		\$ 188,295		\$ 0.7167 5				\$ 86,076	\$ 95,852
April	61.104 \$		\$ 206.316		\$ 0.7167 5				\$ 96,236	\$ 105,042
May	51,948 \$		\$ 200,310 \$ 177,251		\$ 0.7107 \$				\$ 93,298	\$ 103,042
May June			\$ 177,251 \$ 157,467						\$ 93,298 \$ 75.067	
July	49,471 \$		\$ 168,799	13,449	\$ 0.7879 \$	10,597		\$ 1.8018	\$ 79,531	\$ 90,128
August	54,737 \$		\$ 186,768	14,341	\$ 0.7879 \$	11,299		\$ 1.8018	\$ 89,784	\$ 101,083
September	38,328 \$	3.4121	\$ 130,779	11,422	\$ 0.7879 \$	8,999	35,735	\$ 1.8018	\$ 64,387	\$ 73,387
October	28,176 \$		\$ 96,140		\$ 0.7879 \$				\$ 52,957	\$ 62,450
November	48,835 \$	3.4121	\$ 166,631	17,885	\$ 0.7879 \$		45,483	\$ 1.8018	\$ 81,951	\$ 96,042
December	50,427 \$	3.4121	\$ 172,064	15,362	\$ 0.7879 \$	12,104	50,287	\$ 1.8018	\$ 90,607	\$ 102,711
Total	609,025 \$	3.40	\$ 2,069,475	167,349	\$ 0.76	127,836	580,470	\$ 1.73	\$ 1,003,684	\$ 1,131,521
Add Extra Host Here (I)		Network		Lin	ne Connectior	1	Transfo	mation Con	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- \$		\$ -		\$ - 5				\$ -	\$ -
February	- \$		\$ -		\$ - 5	-		\$ -	\$ -	\$ -
March	- \$		\$ -		\$ - 5	-		\$ -	\$ -	\$ -
April	- \$		\$ -		\$ - 5	-		\$ -	\$ -	\$ -
May	- \$		\$ -		\$ - 5	-		\$ -	\$ -	\$ -
June	- \$		\$ -		s - s	-		s -	\$ -	\$ -
July	- \$		\$ -		s - s	-		s -	\$ -	\$ -
August	- \$		\$ -		s - s	-		s -	\$ -	\$ -
September	- S		\$ -		\$ - 5				\$ -	\$ -
October	- \$		\$ -		\$ - 5				\$ -	\$ -
November	- S		\$ -		\$ - 5				\$ -	\$ -
December	- S		š -		s - 5				š -	š -
			•							
Total	- \$		\$ -	-	\$ - 5	-	-	\$ -	\$ -	\$ -
Add Extra Host Here (II)		Network		Lin	ne Connectior	1	Transfo	mation Con	nection	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	- \$		\$ -		\$ - 5		-	s -	\$ -	\$ -
February	- \$		\$ -		\$ - 5				\$ -	\$ -
March	- \$		\$ -		\$ - 5	-		\$ -	\$ -	\$ -
April	- \$		\$ -		\$ - 5				\$ -	\$ -
May	- \$		\$ -		\$ - 5				\$ -	\$ -
June								š -	\$ -	\$ -
	- \$		\$ -		s - s	-				
	- \$ - \$		\$ - \$ -	:	\$ - S \$ - S				\$ -	\$ -
July	- \$		\$ -	:	\$ - 5	-		\$ -		
July August	- \$ - \$		\$ - \$ -	-	\$ - 5	-		\$ - \$ -	\$ -	\$ -
July August September	- \$ - \$ - \$	•	\$ - \$ - \$ -		\$ - 5 \$ - 5 \$ - 5	- - -		\$ - \$ - \$ -	\$ - \$ -	\$ - \$ -
July August September October	- \$ - \$ - \$		\$ - \$ - \$ - \$ -	•	\$ - 5 \$ - 5 \$ - 5	- - - -	•	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -
July August September October November	- \$ - \$ - \$ - \$ - \$	- - - -	\$ - \$ - \$ - \$ - \$ -	- - - -	\$ - 5 \$ - 5 \$ - 5 \$ - 5	- - - - - -	- - - -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -
July August September October November December	- \$ - \$ - \$ - \$ - \$	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	- - - - -	\$ - 5 \$ - 5 \$ - 5	- - - - - -		\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -
July August September October November	- \$ - \$ - \$ - \$ - \$	-	\$ - \$ - \$ - \$ - \$ -	: : : :	\$ - 5 \$ - 5 \$ - 5 \$ - 5	- - - - - - -	: : : :	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -
July August September October November December	- \$ - \$ - \$ - \$ - \$	-	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Lin	\$ - 8 \$ - 8 \$ - 8 \$ - 8	5 - 5 - 5 - 5 -	Transfor	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -
July August September October November December Total	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$		Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -
July August September October November December Total	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - Mount	\$ - \$ - \$ - \$ - \$ - Total Line Amount \$ 355,308
July August September October November December Total Total Month	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$	Amount 8 4,548	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - Total Line Amount \$ 355,308
July August September October November December Total Total Month January	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate \$3.61 \$3.60	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$	Amount 84,548 87,487	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - Rate \$1.84 \$1.85	\$ - \$ - \$ - \$ - \$ - Mount	\$ - \$ - \$ - \$ - \$ - Total Line Amount \$ 355,308 \$ 359,763
July August September October November December Total Total Month January February	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate \$3.61 \$3.60 \$3.61	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 100,938 104,184	\$ - 5 \$ - 5	Amount 8	Units Billed 147,157 147,090	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - Mount \$ 270,760 \$ 272,276	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
July August Soptember October November December Total Total Month January February March April	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Network Rate \$3.61 \$3.60 \$3.58	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 100,938 104,184 87,111	\$ - 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Amount 8 84,548 87,487 72,961 64,600	Units Billed 147,157 147,090 126,603	\$ - \$ - \$ - \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - Total Line Amount \$ 355,308 \$ 359,763 \$ 305,976 \$ 290,588
July August September October November December Total Total Month January February March April May	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ - \$	Network Rate \$3.61 \$3.61 \$3.58 \$3.58 \$3.60	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 100,938 104,184 87,111 77,164 74,453	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$	Amount 8 84,548 8 87,487 72,961 6 4,600 6 63,127	Units Billed 147,157 147,090 126,603 124,281 113,712	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
July August September October November December Total Total Month January February March April May June	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$	Network Rate \$3.61 \$3.60 \$3.58 \$3.58 \$3.60 \$3.64	Amount \$ 537,909 \$ 468,012 \$ 451,548 \$ 385,396 \$ 438,124	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325	\$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 8 84,548 87,487 72,961 64,600 63,127 76,678	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$
July August September October November December Total Total Month January February March April May June July	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$	Network Rate \$3.61 \$3.60 \$3.61 \$3.58 \$3.60 \$3.64 \$3.64	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	100,938 104,184 87,111 77,164 74,453 90,325 94,901	\$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 84,548 87,487 72,961 64,600 66,127 76,678 76,678 80,645 80,645	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592	\$ - \$ - \$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$ -\$
July August September October November December Total Total Month January February March April Mey June July August	- \$ \$ - \$ \$	Network Rate \$3.61 \$3.60 \$3.58 \$3.58 \$3.60 \$3.64 \$3.64 \$3.64	Amount \$ 537,909 \$ 466,012 \$ 451,548 \$ 385,396 \$ 438,124 \$ 533,481	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839	\$ - \$. \$. \$. \$. \$. \$. \$. \$. \$.	Amount 8 84,548 87,487 72,961 64,600 65 63,127 76,678 6 80,645 91,707	Units Billed 147,157 147,090 126,690 124,281 113,712 118,093 125,592 143,328	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$
July August September October November December Total Total Month January February March April May June July August September	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ • \$ \$ • \$ \$ • \$ \$ • \$ \$ • \$ \$ • • \$ • \$ • • \$ •	Network Rate \$3.61 \$3.60 \$3.61 \$3.58 \$3.60 \$3.64 \$3.64 \$3.64 \$3.66	Amount \$ 537,909 \$ 487,889 \$ 466,012 \$ 481,548 \$ 488,124 \$ 488,124 \$ 141,078 \$ 133,481 \$ 418,861	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755	\$	Amount 8 84,548 8 87,487 72,961 64,600 63,127 76,678 76,678 80,645 81,246 83,246	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068	\$ - \$ - \$ - \$ - \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ -\$ \$ -\$ \$ -\$ \$ -\$ \$ -\$ \$ -\$ \$ -\$ \$ -\$
July August September October November Descember Total Total Month January February March April May June July August September October	- \$ \$ - \$ \$	Network Rate \$3.61 \$3.61 \$3.60 \$3.63 \$3.64 \$3.64 \$3.64 \$3.66 \$3.67	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041	\$	Amount 8 4,548 8 72,961 6 64,600 6 63,127 7 6,678 8 80,645 8 91,707 8 83,246 8 72,267	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$
July August September October November December Total Total Month January February March April May June July August September October November	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$	Network Rate \$3.61 \$3.61 \$3.63 \$3.64 \$3.64 \$3.64 \$3.64 \$3.65 \$3.67 \$3.65	\$ - \$ - \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041 103,886	\$	Amount Amount 8 4,548 8 4,548 8 7,2,981 6 64,600 63,127 76,678 80,645 80,645 83,246 72,267 88,052 88,052	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385 131,484	mation Con Rate \$1.84 \$1.84 \$1.82 \$1.93 \$1.93 \$1.93 \$1.93 \$1.93 \$1.94 \$1.94 \$1.94	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
July August September October November Desember Total Total Month January February March April May June July August September October	- \$ \$ - \$ \$	Network Rate \$3.61 \$3.60 \$3.61 \$3.58 \$3.64 \$3.64 \$3.64 \$3.64 \$3.65	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041	\$	Amount 8 4,548 8 72,961 6 64,600 6 63,127 7 6,678 8 80,645 6 91,707 6 83,246 7 72,657 7 76,678	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385	mation Con Rate \$1.84 \$1.84 \$1.82 \$1.93 \$1.93 \$1.93 \$1.93 \$1.93 \$1.94 \$1.94 \$1.94	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$
July August September October November December Total Total Month January February March April May June July August September October November	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$	Network Rate \$3.61 \$3.60 \$3.61 \$3.58 \$3.64 \$3.64 \$3.64 \$3.65 \$3.67 \$3.65 \$3.64	\$ - \$ - \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ -	Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041 103,886	\$	Amount 8 4,548 8 87,487 72,961 6 64,600 6 63,127 76,6 83,246 72,267 6 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246 8 83,246	Units Billed 147,157 147,090 126,603 124,281 113,712 118,093 125,592 143,328 122,068 102,385 131,484	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$



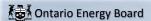
The purpose of this sheet is to calculate the expected billing when forecasted 2016 Uniform Transmission Rates are applied against historical 2014 transmission units.

IESO		Network		Lin	e Connection		Transfo	mation Con	nection	т	otal Line
		HOLHOLK		2	0 0011110011011		Transio	mation con	notion		otal Ellio
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	84,506	\$ 3.7800	\$ 319,433	85,174	\$ 0.8600 \$	73,250	85,174	\$ 2.0000	\$ 170,348	\$	243,598
February	76,032	\$ 3.7800	\$ 287,401	89,449	\$ 0.8600 \$	76,926	89,449	\$ 2.0000	\$ 178,898	\$	255,824
March	73,470		\$ 277,717		\$ 0.8600 \$	63,184	73,470	\$ 2.0000	\$ 146,940	\$	210,124
April	64,876	\$ 3.7800	\$ 245,231		\$ 0.8600 \$	55,793	64,876	\$ 2.0000	\$ 129,752	\$	185,545
May		\$ 3.7800			\$ 0.8600 \$	53,262			\$ 123,864	\$	177,126
June			\$ 280,657		\$ 0.8600 \$	65,731	76,431		\$ 152,862	\$	218,593
July			\$ 302,279		\$ 0.8600 \$	70,049			\$ 162,904	\$	232,953
August		\$ 3.7800			\$ 0.8600 \$	80,408			\$ 186,996	\$	267,404
September	76,212	\$ 3.7800			\$ 0.8600 \$	74,246			\$ 172,666 \$ 145,988	\$	246,912
October			\$ 263,610		\$ 0.8600 \$	62,775				\$	208,763
November December	84,910 81,464	\$ 3.7800 \$ 3.7800	\$ 320,960 \$ 307,934	86,001 82,294	\$ 0.8600 \$ \$ 0.8600 \$	73,961 70,773	86,001 82,294		\$ 172,002 \$ 164,588	\$ \$	245,963 235,361
December	81,404	\$ 3.7800	\$ 307,934	82,294	\$ 0.8600 \$	70,773	82,294	\$ 2.0000	\$ 104,588	٥	235,361
Total	912,212	\$ 3.78	\$ 3,448,161	953,904	\$ 0.86 \$	820,357	953,904	\$ 2.00	\$ 1,907,808	\$	2,728,165
Hydro One		Notwork		Lie	e Connection		Transfo	mation Con	nection	-	otal Line
		Network							nection		
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January	64,705	\$ 3.4121	\$ 220,780	15,764	\$ 0.7879 \$	12,420	61,983	\$ 1.8018	\$ 111,681	s	124,101
February	59,378	\$ 3.4121	\$ 202,602	14,735	\$ 0.7879 \$	11,610	57,641	\$ 1.8018	\$ 103,857	\$	115,467
March		\$ 3.4121	\$ 190,281	13,641	\$ 0.7879 \$	10,748	53,133	\$ 1.8018	\$ 95,735	\$	106,483
April			\$ 208,492		\$ 0.7879 \$	9,682			\$ 107,035	\$	116,717
May			\$ 177,251	12,521	\$ 0.7879 \$	9,865			\$ 93,298	\$	103,163
June			\$ 157,467		\$ 0.7879 \$	10,947			\$ 75,067	\$	86,014
July	49,471	\$ 3.4121	\$ 168,799	13,449	\$ 0.7879 \$	10,597	44,140	\$ 1.8018	\$ 79,531	\$	90,128
August	54,737		\$ 186,768	14,341	\$ 0.7879 \$	11,299	49,830	\$ 1.8018	\$ 89,784	\$	101,083
September		\$ 3.4121			\$ 0.7879 \$	8,999			\$ 64,387	Š	73,387
October			\$ 130,779 \$ 96.140		\$ 0.7879 \$ \$ 0.7879 \$	9,492			\$ 52,957	s	62.450
November			\$ 166.631		\$ 0.7879 \$	14.092			\$ 81.951	Š	96.042
December		\$ 3.4121			\$ 0.7879 \$	12,104			\$ 90,607	Š	102,711
Total			\$ 2,078,053	167,349		131,854			\$ 1.045.891	<u>s</u>	
	609,025	\$ 3.41	\$ 2,076,003			131,004	580,470	\$ 1.80	\$ 1,045,891		1,177,745
Add Extra Host Here (I)		Network		Lin	e Connection		Transfo	mation Con	nection	Т	otal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
January		\$ -	\$ -		s - s			\$ -	\$ -	\$	
February			\$ -		s - s	-			\$ -	\$	-
March		\$ -	\$ -		s - s	-		\$ -	\$ -	\$	-
April		\$ -	\$ -		s - s			\$ -	\$ -	\$	-
May		\$ -	\$ -		s - s	-		\$ -	s -	\$	-
June			\$ -		s - s			s -	s -	s	
July			s -		s - s			s -	s -	s	
August			s -		s - s			š -	š -	Š	
September			š -		s - s			š -	š -	Š	
October			\$ -		s - s			š -	š -	š	
					\$ - \$		-				
								e .			
November			\$ -					\$ -	\$ -	\$	
November December			s -		\$ - \$	-	-	\$ - \$ -	\$ -	\$	-
											-
December		\$ -		•		-	Transfo	\$ -	\$ - \$ -	\$	- otal Line
December Total Add Extra Host Here (II)	-	\$ - \$ -	\$ - \$ -	- Lin	S - S e Connection	:		\$ -	\$ -	S S	
December Total		\$ - \$ -		•	s - s s - s	Amount	Transfo Units Billed	s -	\$ - \$ -	S S	otal Line
December Total Add Extra Host Here (II) Month January	Units Billed	\$ - Network Rate \$ -	\$ - \$ - Amount	- Lin Units Billed	\$ - \$ \$ - \$ Connection Rate - \$	Amount		\$ - mation Con Rate \$ -	\$ - nection Amount \$ -	\$ \$	
December Total Add Extra Host Here (II) Month January February	Units Billed	\$ - Network Rate \$ - \$ -	S - Amount S - S -	Lin Units Billed	S - S e Connection Rate S - S S - S	Amount		\$ - mation Con Rate \$ - \$ -	\$ - s - nection Amount \$ - \$ -	S S	
December Total Add Extra Host Here (II) Month January February March	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ - \$ - \$ -	- Lin Units Billed 	S - S e Connection Rate S - S S - S S - S S - S	Amount		\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ - s - nection Amount \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$	
December Total Add Extra Host Here (II) Month January February March April	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - S - Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Lin Units Billed	S - S e Connection Rate S - S S - S S - S S - S S - S	Amount		\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - S -	S	
Total Add Extra Host Here (II) Month January February March April May	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Lin Units Billed	S - S S - S Connection Rate S - S S - S S - S S - S S - S S - S S - S	Amount		\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ - s - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$	
December Total Add Extra Host Here (II) Month January February March April May June	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount S - S - S - S - S - S - S - S - S - S	Units Billed	S - S Connection Rate S - S - S - S - S - S - S - S	Amount		\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ - s - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ S S S S S S S S S S S S S S S S S S S	
Total Add Extra Host Here (II) Month January February March April May June July	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount \$ - \$ \$ -	Units Billed	S - S S - S Connection Rate S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S	Amount		\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ \$ - \$ \$ - \$ \$	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Lin Units Billed	S - S S - S Connection Rate S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S	Amount		\$ - S - Mate Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ - nection Amount \$ - \$ - \$ - \$ 5	\$ S S S S S S S S S S S S S S S S S S S	
Total Add Extra Host Here (II) Month January February March April May June July August September	Units Billed	\$ - Network Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Amount S - S - S - S - S - S - S - S - S - S	Units Billed	S - S Connection Rate S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S	Amount		Rate S - Rate S - S - S - S - S - S - S - S	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August September October	Units Billed	S	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Lin Units Billed	S - S Connection Rate S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S	Amount		\$ S mation Con Rate \$	\$ - nection Amount \$ - \$ - \$ - \$ 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August September October November	Units Billed	Network Rate	Amount S - S - S - S - S - S - S - S - S - S	Units Billed	S - S connection Rate S - S s - S	Amount		S	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August September October	Units Billed	Network Rate	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Units Billed	S - S Connection Rate S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S S - S	Amount		\$ S mation Con Rate \$	\$ - nection Amount \$ - \$ - \$ - \$ 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August September October November	Units Billed	Network Rate	Amount S - S - S - S - S - S - S - S - S - S	Units Billed	S - S connection Rate S - S s - S	Amount		S	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August September October November December	Units Billed	Network Rate S	Amount \$ -	Units Billed	S - S CONNECTION Rate S - S	Amount		S -	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November	Units Billed	Network Rate S	Amount \$ -	Units Billed	S - S CONNECTION Rate S - S	Amount		S -	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Total Add Extra Host Here (II) Month January February March April May June July August September October November December	Units Billed	Network Rate S	Amount \$ -	Units Billed	S - S CONNECTION Rate S - S	Amount		S -	\$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total	Units Billed	S Network Rate S	Amount \$	Units Billed	S - S S - S Connection Rate S - S S	Amount	Units Billed	\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month	Units Billed	\$ - Network Rate S -	Amount \$	Units Billed	S - S S - S CONNECTION Rate S - S S	: : : : : : : : :	Units Billed	\$ - mation Con Rate \$ - \$ - \$ - \$ \$	\$ - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5 - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February	Units Billed Units Billed Units Billed 149,211 135,410	Network Rate	Amount \$	Units Billed Units Billed Units Billed 100,938 104,184	S - S S - S CONNECTION Rate S - S S S - S S S - S S S - S S	Amount 85,670 88,536	Units Billed	\$ - mation Con Rate \$ - \$ \$	\$ - noction Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March	Units Billed	Network Rate	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Units Billed	S - S S - S OCONNECTION Rate S - S S	Amount 85,670 88,536 73,932	Units Billed	\$ - mation Con Rate \$ - \$ - \$ - \$ - \$ - \$ 5 -	\$ - nection Amount \$ - \$ 5 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April	Units Billed Units Billed Units Billed 149,211 135,410 129,236 125,980	\$ - Network Rate \$ - \$ \$ \$ \$ \$ \$ \$ \$	Amount \$	Units Billed Units Billed Units Billed 100,938 104,184 87,111 77,164	\$ - \$ \$ \$ - \$ \$ connection Rate \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 85,670 88,536 73,932 65,475	Units Billed	\$ - mation Con Rate \$ - \$ - \$ \$ -	\$ - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August Saptember October November December Total Total Month January February March April March April March April March April May	Units Billed	\$ - Network Rate \$ -	Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Units Billed	S - S S - S OCONNECTION Rate S - S S	Amount 85,670 88,536 73,932 65,475 63,127	Units Billed	\$ - Mation Con Rate \$ -	\$ - nection Amount \$ - \$ 5 -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April May June	Units Billed Units Billed Units Billed 149,211 135,410 129,236 125,980 107,013	\$ - Network Rate \$ - \$ \$ \$ \$ \$ \$ \$ \$	Amount \$	Units Billed Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325	S - S CONNECTION Rate S - S	Amount 85,670 88,536 73,932 65,475 63,127 76,678	Units Billed	\$ -	\$ - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October November December Total Total Month January February March April May June July	Units Billed	S - S - S - S - S - S - S - S - S - S -	Amount \$ - \$ \$ -	Units Billed	S - S S - S OCONNECTION Rate S - S S	Amount 85,670 88,536 73,932 65,475 63,127 76,678 80,645	Units Billed	\$ - Mation Con Rate \$ -	\$ - nection Amount \$ - \$ \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount otal Line Amount 367,699 371,291 316,207 302,262 280,288 304,607 323,080
December Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April May June July August	Units Billed Units Billed Units Billed 149,211 135,410 129,236 125,980 107,013 120,398 129,439 146,469	\$ - Network Rate \$ - \$ \$ \$ \$ \$ \$ \$ \$	Amount \$	Units Billed Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839	S - S Connection Rate S - S	Amount 85,670 88,536 73,392 65,475 63,127 76,678 80,645 91,707	Units Billed	\$ -	\$ - noction Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November December Total Total Month January February March April Month January February March April May June July August September July August September	Units Billed Units Billed Units Billed 149.211 135.410 129.236 125.980 107.013 120.398 146.460 114.540	S - S - S - S - S - S - S - S - S - S -	Amount \$\$ -\$	Units Billed Units Billed Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,001 107,839 97,756	S - S S - S OCONNECTION Rate S - S	Amount 85,670 88,536 73,932 65,475 63,127 76,678 80,645 91,707 83,246	Units Billed	\$ -	\$ - nection Amount \$ - \$ \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June Juby August September October November December Total Total Month January February March April Month January February March April May June July August September October	Units Billed Units Billed Units Billed 149,211 135,410 129,236 125,980 107,013 120,398 129,439 146,460 114,540 97,914	\$ Network Rate \$	Amount \$	Units Billed Units Billed Units Billed 100,938 104,184 87,111 77,164 74,453 90,325 94,901 107,839 97,755 85,041	S - S S - S Connection Rate S - S S	85,670 88,536 73,932 65,475 63,127 76,678 80,645 91,707 83,246 72,267	Units Billed	\$ -	\$ - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November Total Total Month January February March April Month January February March April May June July August September Total Total Cottober November December Total Total Month January February March April May June July August September October November	Units Billed Units Billed Units Billed Units Billed 149 241 135,410 129,236 125,980 107,013 120,398 146,460 114,540 97,914	S Network Rate S	Amount \$\$ -\$	Units Billed Units Billed Units Billed Units Billed Units Billed 100,398 104,184 87,111 77,164 87,111 77,165 85,041 103,889 97,755 85,041	S - S S - S S - S OCONNECTION Rate S - S	85,670 88,536 73,932 65,475 63,127 76,678 80,645 91,707 83,246 72,267 88,052	Units Billed	\$ -	\$ - nection Amount \$ - \$ \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount otal Line Amount 367,699 371,201 316,601 302,262 280,288 304,607 323,080 324,005 320,299 271,212 342,005
Total Add Extra Host Here (II) Month January February March April May June Juby August September October November December Total Total Month January February March April Month January February March April May June July August September October	Units Billed Units Billed Units Billed Units Billed 149 241 135,410 129,236 125,980 107,013 120,398 146,460 114,540 97,914	S Network Rate S	Amount \$	Units Billed Units Billed Units Billed Units Billed Units Billed 100,398 104,184 87,111 77,164 87,111 77,165 85,041 103,889 97,755 85,041	S - S S - S Connection Rate S - S S	85,670 88,536 73,932 65,475 63,127 76,678 80,645 91,707 83,246 72,267	Units Billed	\$ -	\$ - nection Amount \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount
Total Add Extra Host Here (II) Month January February March April May June July August September October November Total Total Month January February March April Month January February March April May June July August September October November Total	Units Billed Units Billed Units Billed Units Billed 149 241 135,410 129,236 125,980 107,013 120,398 146,460 114,540 97,914	S - S - S - S - S - S - S - S - S - S -	Amount \$\$ -\$	Units Billed Units Billed Units Billed Units Billed Units Billed 100,398 104,184 87,111 77,164 87,111 77,165 85,041 103,889 97,755 85,041	S - S S - S CONNECTION Rate S - S S	85,670 88,536 73,932 65,475 63,127 76,678 80,645 91,707 83,246 72,267 88,052	Units Billed	\$ -	\$ - nection Amount \$ - \$ \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount otal Line Amount 367,699 371,201 316,601 302,262 280,288 304,607 323,080 324,005 320,299 271,212 342,005

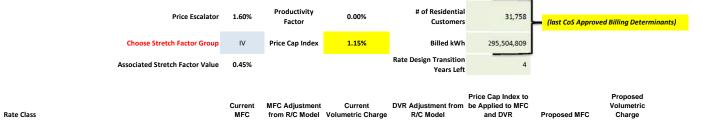


The purpose of this table is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072	302,933,746	0	2,181,123	39.4%	2,173,274	0.0072
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	123.596.553	0	815,737	14.7%	812.802	0.0066
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6778		794,143	2,126,556	38.4%	2,118,904	2.6682
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.1549		114,828	362,271	6.5%	360,967	3.1435
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066	1,911,490	0	12,616	0.2%	12,570	0.0066
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0334		1,993	4,053	0.1%	4,038	2.0261
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.0184		17,443	35,207	0.6%	35,080	2.0111
The purpose of this table is to re-align the current	RTS Connection Rates to recover current wholesale connection costs.								
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0050	302.933.746	0	1.514.669	40.2%	1.552.202	0.0051
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036	123.596.553	0	568.544	15.1%	582,633	0.0037
General Service 50 To 4.999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kW	1.7626	120,000,000	794.143	1.399.756	37.2%	1.434.442	1.8063
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kW	2.1594		114,828	247.960	6.6%	254,104	2.2129
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0046	1,911,490	0	8.793	0.2%	9,011	0.0047
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3996	.,,	1.993	2.789	0.1%	2.859	1,4343
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3670		17,443	23,845	0.6%	24,435	1.4009
The number of this table is to undate the realign	ad DTC Naturals Dates to receiver future usbalacele naturals acets								
The purpose of this table is to update the re-align	ed RTS Network Rates to recover future wholesale network costs.							Current	Pronosed
The purpose of this table is to update the re-align Rate Class	ed RTS Network Rates to recover future wholesale network costs. Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Rate Class	Rate Description		RTSR-Network	Billed kWh		Amount	Amount %	Wholesale Billing	RTSR- Network
Rate Class Residential Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh	RTSR-Network	Billed kWh 302,933,746	0	Amount 2,173,274	Amount % 39.4%	Wholesale Billing 2,176,653	RTSR- Network
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	0.0072 0.0066	Billed kWh	0	Amount 2,173,274 812,802	Amount % 39.4% 14.7%	Wholesale Billing 2,176,653 814,066	RTSR- Network 0.0072 0.0066
Rate Class Residential Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh	RTSR-Network	Billed kWh 302,933,746	0	Amount 2,173,274	Amount % 39.4%	Wholesale Billing 2,176,653 814,066 2,122,198	RTSR- Network
Rate Class Residential Service Classification General Service Classification General Service Of to 4,999 kW Service Classification General Service 50 To 4,999 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW	0.0072 0.0066 2.6682 3.1435	Billed kWh 302,933,746 123,596,553	0 0 794,143	2,173,274 812,802 2,118,904 360,967	39.4% 14.7% 38.4% 6.5%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528	RTSR- Network 0.0072 0.0066 2.6723
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW	0.0072 0.0066 2.6682 3.1435 0.0066	Billed kWh 302,933,746	0 0 794,143 114,828	2,173,274 812,802 2,118,904 360,967 12,570	Amount % 39.4% 14.7% 38.4%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590	RTSR- Network 0.0072 0.0066 2.6723 3.1484
Rate Class Residential Service Classification General Service Start Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW	0.0072 0.0066 2.6682 3.1435	Billed kWh 302,933,746 123,596,553	0 0 794,143 114,828 0	2,173,274 812,802 2,118,904 360,967	39.4% 14.7% 38.4% 6.5% 0.2%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kWh	0.0072 0.0066 2.6682 3.1435 0.0066 2.0261	Billed kWh 302,933,746 123,596,553	0 0 794,143 114,828 0 1,993	2,173,274 812,802 2,118,904 360,967 12,570 4,038	39.4% 14.7% 38.4% 6.5% 0.2% 0.1%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590 4,044	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sentinel Lighting Service Classification Street Lighting Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kWh \$/kWh	0.0072 0.0066 2.6682 3.1435 0.0066 2.0261 2.0111 Adjusted RTSR-	Billed kWh 302,933,746 123,596,553	0 0 794,143 114,828 0 1,993	2,173,274 812,802 2,118,904 360,967 12,570 4,038	39.4% 14.7% 38.4% 6.5% 0.2% 0.1%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590 4,044 35,135 Current Wholesale	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR-
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service Des Than 50 kW Service Classification Large Use Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sertinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	RTSR-Network 0.0072 0.0066 2.6682 3.1435 0.0066 2.0261 2.0111 Adjusted	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted	0 0 794,143 114,828 0 1,993 17,443	2,173,274 812,802 2,118,904 360,967 12,570 4,038 35,080	39.4% 14.7% 38.4% 6.5% 0.2% 0.1% 0.6%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590 4,044 35,135 Current	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service Des Than 50 kW Service Classification Large Use Service Classification Lynetered Scattered Load Service Classification Sertinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW	0.0072 0.0066 2.6682 3.1435 0.0066 2.0261 2.0111 Adjusted RTSR-	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted	0 0 794,143 114,828 0 1,993 17,443	2,173,274 812,802 2,118,904 360,967 12,570 4,038 35,080	39.4% 14.7% 38.4% 6.5% 0.2% 0.1% 0.6%	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590 4,044 35,135 Current Wholesale	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR-
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service Sor 10 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sertified Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align Rate Class	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh \$/kW \$/kW	0.0072 0.0066 2.6682 3.1435 0.0066 2.0261 2.0111 Adjusted RTSR- Connection	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted Billed kWh	0 0 794,143 114,828 0 1,993 17,443	Amount 2,173,274 812,802 2,118,904 360,967 12,570 4,038 35,080 Billed Amount	Amount % 39.4% 14.7% 38.4% 6.5% 0.1% 0.6% Billed Amount %	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590 4,044 35,135 Current Wholesale Billing	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR- Connection
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service Less Than 50 kW Service Classification Large Use Service Classification Service Classification Unmetered Scattered Load Service Classification Sentine Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align Rate Class Residential Service Classification General Service Lessification General Service Service Vision Service Classification General Service Service Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kW \$/kW	RTSR-Network 0.0072 0.0066 2.6682 3.1435 0.0066 2.0261 2.0111 Adjusted RTSR-Connection 0.0051	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted Billed kWh 302,933,746	0 0 794,143 114,828 0 1,993 17,443	Amount 2,173,274 812,802 2,118,904 380,967 12,570 4,038 35,080 Billed Amount 1,552,202	Amount % 39.4% 14.7% 38.4% 6.5% 0.2% 0.1% 0.6% Billed Amount %	Wholesale Billing 2,176,653 814,066 2,122,198 361,528 12,590 4,044 35,135 Current Wholesale Billing 1,570,792	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR- Connection 0.0052 0.0048 1.8279
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service Des Than 50 kW Service Classification Large Use Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sertinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4.999 kW Service Classification Large Use Service Classification Large Use Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kW S/kWh S/kW S/kW S/kW S/kWh	RTSR-Network 0.0072 0.0066 2.6682 3.1435 0.0666 2.0261 2.0111 Adjusted RTSR-Connection 0.0051 0.0047 1.8063 2.2129	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted Billed kWh 302,933,746 123,596,553	0 0 794,143 114,828 0 1,993 17,443 Billed kW	Amount 2,173,274 812,802 2,118,904 360,967 12,570 4,038 35,080 Billed Amount 1,552,202 582,633 1,434,444 254,140	39.4% 14.7% 38.4% 6.5% 0.2% 0.1% 0.6% Billed Amount % 40.2% 15.1% 37.2% 6.6%	Wholesale Billing 2.176,653 814,066 2.122,198 361,528 12,590 4,044 35,135 Current Wholesale Billing 1,570,792 589,610 1,451,622 257,147	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR- Connection 0.0052 0.0048 1.8279 2.2394
Rate Class Residential Service Classification General Service So Than 50 kW Service Classification General Service So To 4,999 kW Service Classification Large Luse Service Classification Unmetered Scattered Load Service Classification Sentine Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align Rate Class Residential Service Classification General Service Classification General Service So To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Unmetered Scattered Load Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	SAWM SAWW SAWW SAWW SAWW SAWW SAWW SAWW	RTSR-Network 0.0072 0.0066 2.0682 3.1435 0.0066 2.0261 2.0111 Adjusted RTSR-Connection 0.0051 0.0047 1.8063 2.2129 0.0047	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted Billed kWh 302,933,746	0 0 794,143 114,828 0 1,993 17,443 Billed kW	Amount 2,173,274 812,802 2,118,904 380,967 12,570 4,038 35,080 Billed Amount 1,552,202 582,633 1,434,442 254,104 9,011	Amount % 39.4% 14.7% 38.4% 6.5% 0.2% 0.1% 0.6% Billed Amount % 40.2% 15.1% 37.2% 6.6% 0.2%	Wholesale Billing 2.176.653 814.066 2.122.198 361.528 12.590 4.044 35,135 Current Wholesale Billing 1.570.792 589.610 1.451.622 257.147 9,119	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR- Connection 0.0052 0.0048 1.8279 2.2394 0.0048
Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service Des Than 50 kW Service Classification Large Use Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Sertinel Lighting Service Classification Street Lighting Service Classification The purpose of this table is to update the re-align Rate Class Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 4.999 kW Service Classification Large Use Service Classification Large Use Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kW S/kWh S/kW S/kW S/kW S/kWh	RTSR-Network 0.0072 0.0066 2.6682 3.1435 0.0666 2.0261 2.0111 Adjusted RTSR-Connection 0.0051 0.0047 1.8063 2.2129	Billed kWh 302,933,746 123,596,553 1,911,490 Loss Adjusted Billed kWh 302,933,746 123,596,553	0 0 794,143 114,828 0 1,993 17,443 Billed kW	Amount 2,173,274 812,802 2,118,904 360,967 12,570 4,038 35,080 Billed Amount 1,552,202 582,633 1,434,444 254,140	39.4% 14.7% 38.4% 6.5% 0.2% 0.1% 0.6% Billed Amount % 40.2% 15.1% 37.2% 6.6%	Wholesale Billing 2.176,653 814,066 2.122,198 361,528 12,590 4,044 35,135 Current Wholesale Billing 1,570,792 589,610 1,451,622 257,147	RTSR- Network 0.0072 0.0066 2.6723 3.1484 0.0066 2.0292 2.0143 Proposed RTSR- Connection 0.0052 0.0048 1.8279 2.2394



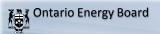
If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2015 values and will be updated by Board staff at a later date.



Peterborough Distribution Inc 2016 4th Generation IRM Rate Application EB-2015-0097 Filed: September 28, 2015

Appendix D

Bill Impacts



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

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

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

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

Table 1

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	RPP? Non-RPP Retailer? Non-RPP Other?	OCEB Applicable? Prior to Jan 1/16	Current Loss Factor (eg: 1.0351)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?
RESIDENTIAL SERVICE CLASSIFICATION		RPP	Yes	1.0548	1.0548	800		N/A
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		RPP	Yes	1.0548	1.0548	2,000		N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION		Non-RPP (Other)	Yes	1.0548	1.0548	182,500	250	DEMAND
LARGE USE SERVICE CLASSIFICATION		Non-RPP (Retailer)	No	1.0548	1.0548	3,650,000	5,000	DEMAND
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		RPP	No	1.0548	1.0548	35,000		N/A
SENTINEL LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	No	1.0548	1.0548	730	1	DEMAND
STREET LIGHTING SERVICE CLASSIFICATION		Non-RPP (Other)	No	1.0548	1.0548	1,095,000	1,500	DEMAND
RESIDENTIAL SERVICE CLASSIFICATION 10th Percentile		RPP	Yes	1.0548	1.0548	313		N/A
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFWMP		Non-RPP (Other)	No	1.0548	1.0548	316,000	529	DEMAND
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES				Sub-T	otal		Total	
(eg: Residential TOU, Residential Retailer)	Units	Α			В		A + B + C	
1 - 1		\$	%	\$	%	\$ %	\$	%
1 RESIDENTIAL SERVICE CLASSIFICATION - RPP								
2 GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP								
3 GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)								
4 LARGE USE SERVICE CLASSIFICATION - Non-RPP (Retailer)								
5 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP								
6 SENTINEL LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)								
7 STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)								
8 RESIDENTIAL SERVICE CLASSIFICATION - RPP								
9 GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19	•	9						
20								



Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 800 kWh kW Demand **Current Loss Factor** 1.0548 1.0548

Proposed/Approved Loss Factor
Ontario Clean Energy Benefit Applied?

	Current B	oard-Approve	ed			Proposed			Imp	act
	Rate	Volume	Charge		Rate	Volume	Charge			
	(\$)		(\$)		(\$)		(\$)		\$ Change	% Change
Monthly Service Charge	\$ 12.57	1	\$ 12	.57	\$ 15.12	1	\$ 15.12	2 \$	2.55	20.29%
Distribution Volumetric Rate	\$ 0.0123	800	\$ 9	.84	\$ 0.0093	800	\$ 7.44	1 \$	(2.40)	-24.39%
Fixed Rate Riders	\$ -	1	\$	-	\$ 0.05	1	\$ 0.05	5 \$	0.05	
Volumetric Rate Riders	-\$ 0.0002	800		.16)	-\$ 0.0002	800				0.00%
Sub-Total A (excluding pass through)				.25			\$ 22.45			0.90%
Line Losses on Cost of Power	\$ 0.1021	44	\$ 4	.48	\$ 0.1021	44	\$ 4.48	3 \$	-	0.00%
Total Deferral/Variance Account Rate	\$ 0.0044	800	\$ 3	.52	\$ 0.0036	800	\$ 2.88	3 9	(0.64)	-18.18%
Riders	\$ 0.0044	800	3	.52	\$ 0.0036	800	φ 2.00	3	(0.64)	-10.10%
Low Voltage Service Charge	\$ 0.0010	800	\$ 0	.80	\$ 0.0010	800	\$ 0.80	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0	.79	\$ 0.7900	1	\$ 0.79	9 \$	-	0.00%
Sub-Total B - Distribution (includes Sub-			\$ 31	0.4			\$ 31.40	9	(0.44)	-1.38%
Total A)			•	-			•		(0.44)	
RTSR - Network	\$ 0.0072	844	\$ 6	.08	\$ 0.0072	844	\$ 6.08	3 \$	-	0.00%
RTSR - Connection and/or Line and	\$ 0.0050	844	\$ 4	.22	\$ 0.0052	844	\$ 4.39	9 9	0.17	4.00%
Transformation Connection	\$ 0.0030	044	9 4	.22	\$ 0.0032	044	φ 4.38	, 4	0.17	4.00 /6
Sub-Total C - Delivery (including Sub-			\$ 42	.13			\$ 41.86		(0.27)	-0.64%
Total B)			J 42	.13			\$ 41.00	, ,	(0.27)	-0.04 /6
Wholesale Market Service Charge	\$ 0.0044	844	\$ 3	.71	\$ 0.0044	844	\$ 3.7	1 9	,	0.00%
(WMSC)	0.0044	044	Ψ 3	., ,	3 0.0044	044	Ψ 5.7	' °	, -	0.0078
Rural and Remote Rate Protection	\$ 0.0013	844	S 1	.10	\$ 0.0013	844	\$ 1.10	9	,	0.00%
(RRRP)	•	044		-		044	,		, -	
Standard Supply Service Charge	\$ 0.2500	1		0	\$ 0.25	1	\$ 0.25	5 \$		0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	800	\$ 5	.60	\$ -	800	\$ -	\$	(5.60)	-100.00%
Ontario Electricity Support Program					e	844	\$ -	9	,	
(OESP)					•		· ·	- 1 -	, -	
TOU - Off Peak	\$ 0.0800	512	\$ 40	.96	\$ 0.0800	512	\$ 40.96	3 \$	-	0.00%
TOU - Mid Peak	\$ 0.1220	144	\$ 17	.57	\$ 0.1220	144	\$ 17.57	7 \$	-	0.00%
TOU - On Peak	\$ 0.1610	144	\$ 23	.18	\$ 0.1610	144	\$ 23.18	3 \$	-	0.00%
Total Bill on TOU (before Taxes)			\$ 134				\$ 128.63			-4.37%
HST	13%			.49	13%		\$ 16.72			-4.37%
Total Bill (including HST)			\$ 151	.99			\$ 145.36	3 \$	(6.63)	-4.37%
Ontario Clean Energy Benefit 1			\$ (15	.20)						
Total Bill on TOU			\$ 136	.79			\$ 145.36	\$	8.57	6.26%

Customer Class: GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION
RPP / Non-RPP: RPP

Consumption 2,000 kWh -Demand kW 1.0548 1.0548

Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied?

Monthly Service Charge \$ Distribution Volumetric Rate \$ Fixed Rate Riders \$ Volumetric Rate Riders -\$ Sub-Total A (excluding pass through)	Rate (\$) 30.62 0.0087 5.58 0.0001	Volume 1 2000 1 2000	\$	(\$) 30.62 17.40 5.58				\$	Charge (\$) 30.97	\$	\$ Change	% Change
Distribution Volumetric Rate \$ Fixed Rate Riders \$ Volumetric Rate Riders -\$ Sub-Total A (excluding pass through)	30.62 0.0087 5.58 0.0001	2000 1	\$	30.62 17.40		30.97		\$				
Distribution Volumetric Rate \$ Fixed Rate Riders \$ Volumetric Rate Riders -\$ Sub-Total A (excluding pass through)	0.0087 5.58 0.0001	2000 1	\$	17.40				\$	20.07	æ		
Fixed Rate Riders \$ Volumetric Rate Riders -\$ Sub-Total A (excluding pass through)	5.58 0.0001	1	\$		\$	0.0000			30.97	Ψ	0.35	1.14%
Volumetric Rate Riders -\$ Sub-Total A (excluding pass through)	0.0001	1 2000	\$	5.58		0.0000	2000	\$	17.60	\$	0.20	1.15%
Sub-Total A (excluding pass through)		2000	\$		\$	5.58	1	\$	5.58	\$	-	0.00%
	0.1021			(0.20)	\$	0.0003	2000		0.60	\$	0.80	-400.00%
	0.1021		\$	53.40				\$	54.75		1.35	2.53%
Line Losses on Cost of Power \$		110	\$	11.19	\$	0.1021	110	\$	11.19	\$	-	0.00%
Total Deferral/Variance Account Rate	0.0043	2,000	\$	8.60		0.0036	2,000	e	7.20	\$	(1.40)	-16.28%
Riders	0.0043	2,000	φ	0.00	φ	0.0030	2,000	φ	7.20	φ	(1.40)	-10.20/6
Low Voltage Service Charge \$	0.0009	2,000	\$	1.80	\$	0.0009	2,000	\$	1.80	\$	-	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-			\$	75.78				\$	75.73	é	(0.05)	-0.07%
Total A)											(0.05)	
RTSR - Network \$	0.0066	2,110	\$	13.92	\$	0.0066	2,110	\$	13.92	\$	-	0.00%
RTSR - Connection and/or Line and	0.0046	2.110	œ	9.70		0.0048	2.110	e	10.13	\$	0.42	4.35%
Transformation Connection	0.0040	2,110	Ģ	9.70	P	0.0048	2,110	Ф	10.13	9	0.42	4.35 /6
Sub-Total C - Delivery (including Sub-			\$	99.41				\$	99.78		0.37	0.37%
Total B)			9	33.41				Ą	99.76	9	0.37	0.37 /6
Wholesale Market Service Charge	0.0044	2,110	\$	9.28		0.0044	2,110	e	9.28	\$		0.00%
(WMSC)	0.0044	2,110	φ	9.20	φ	0.0044	2,110	φ	9.20	Φ	-	0.00%
Rural and Remote Rate Protection	0.0013	2,110	œ	2.74	\$	0.0013	2,110	e	2.74	\$		0.00%
(RRRP)		2,110	φ		1.		2,110	φ	2.74	Φ	-	
Standard Supply Service Charge \$	0.2500	1	\$	0.25	\$			\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC) \$	0.0070	2,000	\$	14.00	\$	0.0070	2,000	\$	14.00	\$	-	0.00%
Ontario Electricity Support Program					l e	_	2.110	e		\$		
(OESP)					9		, -		-	Φ	-	
TOU - Off Peak \$	0.080.0		\$	102.40			1,280	\$	102.40	\$	-	0.00%
TOU - Mid Peak \$	0.1220	360	\$	43.92	\$	0.1220	360	\$	43.92	\$	-	0.00%
TOU - On Peak \$	0.1610	360	\$	57.96	\$	0.1610	360	\$	57.96	\$	-	0.00%
Total Bill on TOU (before Taxes)			\$	329.97				\$	330.34	\$	0.37	0.11%
HST	13%		\$	42.90		13%		\$	42.94	\$	0.05	0.11%
Total Bill (including HST)			\$	372.86	1			\$	373.28	\$	0.42	0.11%
Ontario Clean Energy Benefit 1			\$	(37.29)								
Total Bill on TOU			\$	335.57				\$	373.28	\$	37.71	11.24%

1.0548 1.0548 Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied?

	Current B	oard-Approve	ed				Proposed				Imp	act
	Rate	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)		\$ Change	% Change
Monthly Service Charge	\$ 156.54	1	\$	156.54		158.34		\$	158.34		1.80	1.15%
Distribution Volumetric Rate	\$ 2.6680	250	\$	667.00	\$	2.6987	250	\$	674.68	\$	7.68	1.15%
Fixed Rate Riders	\$ -	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$ 0.0202	250		(5.05)	-\$	0.0245	250		(6.13)		(1.08)	21.29%
Sub-Total A (excluding pass through)			\$	818.49				\$	826.89	\$	8.40	1.03%
Line Losses on Cost of Power	\$ -	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	\$ 1.7333	250	\$	433.33	\$	1.3869	250	\$	346.73	\$	(86.60)	-19.98%
Riders	,		Ι'								(00.00)	
Low Voltage Service Charge	\$ 0.3277	250	\$	81.93	\$	0.3277	250		81.93		-	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-			\$	1.333.74				\$	1,255.54	\$	(78.20)	-5.86%
Total A)			Ļ.		Ļ			÷		Ľ	` '	
RTSR - Network	\$ 2.6778	250	\$	669.45	\$	2.6723	250	\$	668.08	\$	(1.38)	-0.21%
RTSR - Connection and/or Line and	\$ 1.7626	250	\$	440.65	\$	1.8279	250	\$	456.98	\$	16.33	3.70%
Transformation Connection	•		Ľ		Ľ			Ŀ		Ľ		
Sub-Total C - Delivery (including Sub-			\$	2,443.84				\$	2,380.59	\$	(63.25)	-2.59%
Total B)			<u> </u>	,				_	,		` '	
Wholesale Market Service Charge	\$ 0.0044	192,501	\$	847.00	\$	0.0044	192,501	\$	847.00	\$	-	0.00%
(WMSC) Rural and Remote Rate Protection												
	\$ 0.0013	192,501	\$	250.25	\$	0.0013	192,501	\$	250.25	\$	-	0.00%
(RRRP) Standard Supply Service Charge	\$ 0,2500	4	\$	0.25		0.25	1	\$	0.25	\$		0.00%
Debt Retirement Charge (DRC)	\$ 0.2500	182,500	\$	1.277.50		0.0070	182,500		1.277.50		-	0.00%
Ontario Electricity Support Program	\$ 0.0070	162,500	Ф	1,277.50	ð	0.0070	162,500	Ф	1,277.50	Ф	-	0.00%
(OESP)					\$	-	192,501	\$	-	\$	-	
Average IESO Wholesale Market Price	\$ 0.0954	192,501	0	18,364.60	•	0.0954	192,501	6	18,364.60	•	_	0.00%
Average 1230 Wholesale Walket Filice	\$ 0.0954	192,501	Ф	10,304.00	Þ	0.0954	192,501	Ф	10,304.00	Φ	-	0.00%
Total Bill on Average IESO Wholesale Market Price			•	23,183.44	Г			\$	23.120.19	¢	(63.25)	-0.27%
HST	13%		\$	3.013.85		13%		\$	3.005.62		(8.22)	-0.27% -0.27%
Total Bill (including HST)	1376		\$	26.197.29	1	1370		\$	26.125.82		(71.47)	-0.27%
Ontario Clean Energy Benefit 1			\$	(2,619.73)				Ψ	20,120.02	Ψ	(71.47)	-0.27 /0
Total Bill on Average IESO Wholesale Market Price			s	23.577.56				\$	26,125.82	\$	2.548.26	10.81%
Total Bill of Average ILOO Wildesale market File			Ÿ	23,377.30				Ψ	20,125.02	Ψ	2,570.20	10.01/8

1.0548 1.0548 Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied? No

		Current B	oard-Approve	ed				Proposed				Imp	act
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)	\$	Change	% Change
Monthly Service Charge	\$	6,289.25	1	\$	6,289.25	\$	6,361.58	1	\$	6,361.58	\$	72.33	1.15%
Distribution Volumetric Rate	\$	0.7347	5000	\$	3,673.50	\$	0.7431	5000	\$	3,715.50	\$	42.00	1.14%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	\$	0.0124	5000	\$	(62.00)	-\$	0.0077	5000	\$	(38.50)	\$\$	23.50	-37.90%
Sub-Total A (excluding pass through)				\$	9,900.75				\$	10,038.58	\$	137.83	1.39%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	•	0.5108	5.000	•	(2,554.00)		0.3527	5.000	\$	1,763.50	\$	4,317.50	-169.05%
Riders	-\$	0.5106	5,000	Ф	(2,554.00)	Ф	0.3527	5,000	Ф	1,763.50	Ф	4,317.50	-109.05%
Low Voltage Service Charge	\$	0.4014	5,000	\$	2,007.00	\$	0.4014	5,000	\$	2,007.00	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	9,353.75				\$	13,809.08	\$	4.455.33	47.63%
Total A)									Ψ		Ψ	4,400.00	47.0370
RTSR - Network	\$	3.1549	5,000	\$	15,774.50	\$	3.1484	5,000	\$	15,742.00	\$	(32.50)	-0.21%
RTSR - Connection and/or Line and	\$	2.1594	5.000	œ	10.797.00	\$	2.2394	5.000	\$	11.197.00	e	400.00	3.70%
Transformation Connection	9	2.1394	5,000	ф	10,797.00	Ģ	2.2394	5,000	φ	11,197.00	9	400.00	3.70%
Sub-Total C - Delivery (including Sub-				\$	35,925.25				\$	40,748.08	\$	4,822.83	13.42%
Total B)				Þ	35,925.25				Þ	40,746.06	4	4,022.03	13.42%
Wholesale Market Service Charge	\$	0.0044	3,850,020	œ	16,940.09	\$	0.0044	3,850,020	\$	16,940.09	\$		0.00%
(WMSC)	a contract of	0.0044	3,830,020	φ	10,940.09	φ	0.0044	3,030,020	φ	10,940.09	φ	-	0.00 /8
Rural and Remote Rate Protection	\$	0.0013	3,850,020	œ	5.005.03	\$	0.0013	3,850,020	•	5,005.03	e		0.00%
(RRRP)	ð	0.0013	3,830,020	φ	5,005.05	φ	0.0013	3,030,020	φ	5,005.05	φ	-	0.00 /8
Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	3,650,000	\$	25,550.00	\$	0.0070	3,650,000	\$	25,550.00	\$	-	0.00%
Ontario Electricity Support Program						s	_	3,850,020	ď		\$		
(OESP)						Ф	-	3,050,020	Ф	-	Ф	-	
Non-RPP Retailer Avg. Price	\$	0.0954	3,850,020	\$	367,291.91	\$	0.0954	3,850,020	\$	367,291.91	\$	-	0.00%
Total Bill on Non-RPP Avg. Price				\$	450,712.52				\$	455,535.35	\$	4,822.83	1.07%
HST		13%		\$	58,592.63		13%		\$	59,219.60	\$	626.97	1.07%
Total Bill (including HST)				\$	509,305.15				\$	514,754.95	\$	5,449.80	1.07%
Ontario Clean Energy Benefit 1				\$	-								
Total Bill on Non-RPP Avg. Price				\$	509,305.15				\$	514,754.95	\$	5,449.80	1.07%
					<u> </u>								

Customer Class: UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 35,000 kWh

Current I	Board-Approve	ed				Proposed				Impa	act
Rate	Volume		Charge		Rate	Volume		Charge			
(\$)			(\$)		(\$)			(\$)			% Change
	1	Ψ									0.96%
\$ 0.0274	35000	\$	959.00	\$	0.0277	35000	\$	969.50	\$	10.50	1.09%
\$ -	1	\$	-	\$	-	1	\$	-	\$	-	
-\$ 0.0002	35000	\$		-\$	0.0006	35000	\$			(14.00)	200.00%
		\$	954.08				\$	950.60	\$	(3.48)	-0.36%
\$ -	-	\$	-	\$	-	-	\$	-	\$	-	
\$ 0.0042	25,000	•	150.50		0.0026	25,000	e	126.00	œ	(24 50)	-16.28%
0.0043	,	1		1.		35,000	φ	120.00	φ	(24.50)	-10.20/6
\$ 0.0009	35,000	\$	31.50	\$	0.0009	35,000	\$	31.50	\$	-	0.00%
\$ -	1	\$	-	\$	-	1	\$	-	\$	-	
			1 126 00				ė	1 100 10	4	(27.09)	-2.46%
			· · · · · · · · · · · · · · · · · · ·							(27.90)	
\$ 0.0066	36,918	\$	243.66	\$	0.0066	36,918	\$	243.66	\$	-	0.00%
\$ 0.0046	36 018	æ	160.82	•	0.0048	36 018	e	177 21	¢	7 38	4.35%
0.0040	30,310	Ψ	103.02	Ψ	0.0040	30,910	Ψ	177.21	Ψ	7.50	4.5576
			1 5/0 56				¢	1 528 07	¢	(20.60)	-1.33%
		Ψ	1,049.50				¥	1,520.57	Ψ	(20.00)	-1.55/6
\$ 0.0044	36 018	æ	162 44	•	0.0044	36 018	e	162 44	¢	_	0.00%
0.0044	30,310	Ψ	102.44	Ψ	0.0044	30,310	Ψ	102.44	Ψ	-	0.0078
\$ 0.0013	36 018	æ	17.00	•	0.0013	36 018	e	47.00	¢	_	0.00%
,	30,310	Ψ		1		· ·			Ψ	-	
\$ 0.2500	1	\$				1	\$	0.25	\$	-	0.00%
\$ 0.0070	35,000	\$	245.00	\$	0.0070	35,000	\$	245.00	\$	-	0.00%
				l e		26.019	e		œ		
				ľ	-	30,910	φ	-	φ	-	
		\$						1,890.20	\$	-	0.00%
\$ 0.1220	6,645	\$	810.72	\$	0.1220	6,645	\$	810.72	\$	-	0.00%
\$ 0.1610	6,645	\$	1,069.88	\$	0.1610	6,645	\$	1,069.88	\$	-	0.00%
		\$	5,776.05				\$	5,755.45	\$	(20.60)	-0.36%
13%	5	\$	750.89		13%		\$	748.21	\$	(2.68)	-0.36%
		\$	6,526.94	1			\$	6,503.66	\$	(23.27)	-0.36%
		\$	-								
		\$	6,526.94				\$	6,503.66	\$	(23.27)	-0.36%
	Rate (\$) \$ 2.08 \$ 0.0274 \$ \$ 0.00002 \$ \$ 0.0043 \$ 0.0009 \$ 0.0046 \$ 0.0046 \$ 0.0043 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.0003 \$ 0.00	Rate (\$) \$ 2.08 1 \$ 0.0274 35000 \$ - 1 \$ 0.0002 35000 \$ \$ 0.0003 35,000 \$ 0.0009 35,000 \$ 0.0006 36,918 \$ 0.004 36,918 \$ 0.004 36,918 \$ 0.0013 36,918 \$ 0.0013 36,918 \$ 0.0000 35,000 \$ 0.0000 35,000 \$ 0.0000 35,000	\$ 2.08	Rate (\$) \$ 2.08	Rate (\$) 2.08 \$ 2.08 \$ 0.0274 35000 \$ 959.00	Rate (\$) Volume (\$) Charge (\$) Rate (\$) \$ 2.08	Rate (\$) Volume (\$) Charge (\$) Rate (\$) Volume (\$) \$ 2.08 2.08 2.10 35000 \$ 959.00 \$ 0.0277 35000 \$ 959.00 \$ 0.0277 35000 \$ 0.0006 35000 \$ (7.00) \$ 0.0006 35000 \$ (7.00) \$ 0.0006 35000 \$ 954.08 \$ \$ 0.0006 35000 \$ 954.08 \$ \$ 0.0006 35000 \$ 954.08 \$ \$ 0.0006 35000 \$ 954.08 \$ \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0036 35,000 \$ 150.50 \$ 0.0006 36,918 \$ 0.0006 \$	Rate (\$)	Rate (\$)	Rate (\$)	Rate (S)

1.0548

Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied?

	Cu	irrent Bo	ard-Approve	d		Π		Proposed				Imp	act
	Rate (\$)		Volume		Charge (\$)		Rate (\$)	Volume		Charge (\$)	9	Change	% Change
Monthly Service Charge	\$	11.55	1	\$	11.55	\$		1	\$	11.68	\$	0.13	1.13%
Distribution Volumetric Rate	s	4.6046	1	\$	4.60	\$		1	\$	4.66	\$	0.05	1.15%
Fixed Rate Riders	\$	-	1	\$	-	\$		1	\$	-	\$	-	
Volumetric Rate Riders	-\$	0.0896	1	\$	(0.09)	-\$	0.1584	1	\$	(0.16)	\$	(0.07)	76.79%
Sub-Total A (excluding pass through)				\$	16.07				\$	16.18	\$	0.11	0.71%
Line Losses on Cost of Power	\$	0.0954	40	\$	3.82	\$	0.0954	40	\$	3.82	\$	-	0.00%
Total Deferral/Variance Account Rate	s	1.4959	1	•	1.50	_	4 0007	1	•	1.29	•	(0.04)	40.700/
Riders	3	1.4959	1	\$	1.50	\$	1.2907	1	\$	1.29	\$	(0.21)	-13.72%
Low Voltage Service Charge	\$	0.2602	1	\$	0.26	\$	0.2602	1	\$	0.26	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	21.64				\$	21.55	\$	(0.09)	-0.42%
Total A)				_								` '	
RTSR - Network	\$	2.0334	1	\$	2.03	\$	2.0292	1	\$	2.03	\$	(0.00)	-0.21%
RTSR - Connection and/or Line and	\$	1.3996	1	\$	1.40	\$	1,4515	1	\$	1.45	\$	0.05	3.71%
Transformation Connection	*	1.0000	<u> </u>	•	1.40	۳	1.4010	'	Ψ	1.40	•	0.00	0.1170
Sub-Total C - Delivery (including Sub-				\$	25.07				\$	25.03	\$	(0.04)	-0.17%
Total B)				•	20.01				۳	20.00	*	(0.04)	0.1170
Wholesale Market Service Charge	s	0.0044	770	\$	3.39	\$	0.0044	770	\$	3.39	\$		0.00%
(WMSC)	•	0.00		Ψ.	0.00	ľ	0.0011		Ψ	0.00	Ψ.		0.0070
Rural and Remote Rate Protection	s	0.0013	770	\$	1.00	\$	0.0013	770	\$	1.00	\$	_	0.00%
(RRRP)	1					Ι.							
Standard Supply Service Charge		0.2500	1	\$	0.25	\$		1	\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	730	\$	5.11	\$	0.0070	730	\$	5.11	\$	-	0.00%
Ontario Electricity Support Program (OESP)						\$	-	770	\$	-	\$	-	
Average IESO Wholesale Market Price	\$	0.0954	730	\$	69.64	\$	0.0954	730	\$	69.64	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	104.46	Г			\$	104.42	\$	(0.04)	-0.04%
HST		13%		\$	13.58	I	13%		\$	13.57	\$	(0.01)	-0.04%
Total Bill (including HST)				\$	118.04	I			\$	117.99	\$	(0.05)	-0.04%
Ontario Clean Energy Benefit 1				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	118.04				\$	117.99	\$	(0.05)	-0.04%

 Customer Class:
 STREET LIGHTING SERVICE CLASSIFICATION

 RPP / Non-RPP:
 Non-RPP (Other)

 Consumption
 1,095,000
 kWh

 Demand
 1,500
 kW
 1.0548 1.0548 Current Loss Factor Proposed/Approved Loss Factor Ontario Clean Energy Benefit Applied? No

Rate			Current Bo	oard-Approve	ed				Proposed				Imp	act
Monthly Service Charge \$ 3.15 1 \$ 3.19 1 \$ 3.39 \$ 0.04 1.27%				Volume					Volume					
Distribution Volumetric Rate \$ 13,1499 1500 \$ 19,711,35 \$ 13,2920 1500 \$ 19,938.00 \$ 226.65 1.15% Fixed Rate Riders \$														
Fixed Rate Riders	Monthly Service Charge	\$	3.15	1	\$		\$	3.19	1	\$	3.19	\$	0.04	1.27%
Volumetric Rate Riders		\$	13.1409	1500	\$	19,711.35	\$	13.2920	1500		19,938.00	\$	226.65	1.15%
Sub-Total A (excluding pass through)	Fixed Rate Riders	\$	-	1	\$	-		-	1	\$	-	\$	-	
Line Losses on Cost of Power	Volumetric Rate Riders	-\$	0.2034	1500	\$	(305.10)	-\$	0.3315	1500	\$	(497.25)	\$	(192.15)	62.98%
Total Deferral/Variance Account Rate Riders Riders Riders Riders Riders Riders Smart Meter Entity Charge (if applicable) Smart Meter Entity Charge (if appli						19,409.40					19,443.94	\$	34.54	0.18%
Riders \$ 1.5570 1,500 \$ 2,335.50 \$ 1.2329 1,500 \$ 1,849.35 \$ (486.15) -20.82%	Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Riders Low Voltage Service Charge \$ 0.2541 1,500 \$ 381.15 \$ 0.2541 1,500 \$ 381.15 \$ - 0.00%	Total Deferral/Variance Account Rate	•	4 5570	1 500	•	2 225 50		4 2220	1 500	ď	1 0 4 0 2 5	æ	(496.45)	20.020/
Smart Meter Entity Charge (if applicable) \$ - 1 \$ - \$ - 1 \$ - \$ - 1 \$ - \$ - \$ \$ \$ \$ \$ \$ \$	Riders	Þ	1.5570	1,500	Ф	2,335.50	Ф	1.2329	1,500	Ф	1,049.33	Ф	(400.15)	-20.02%
Sub-Total B - Distribution (includes Sub-Total A) \$ 22,126.05 \$ 21,674.44 \$ (451.61) -2.04%	Low Voltage Service Charge	\$	0.2541	1,500	\$	381.15	\$	0.2541	1,500	\$	381.15	\$	-	0.00%
Total A	Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Total A RTSR - Network \$ 2.0184 1,500 \$ 3,027.60 \$ 2.0143 1,500 \$ 3,021.45 \$ (6.15) -0.20% RTSR - Connection and/or Line and Transformation Connection \$ 1.3670 1,500 \$ 2,050.50 \$ 1.4177 1,500 \$ 2,126.55 \$ 76.05 3.71% Sub-Total C - Delivery (including Sub-Total B) \$ 27,204.15 \$ 26,822.44 \$ (381.71) -1.40% Wholesale Market Service Charge (WMSC) \$ 0.0044 1,155,006 \$ 5,082.03 \$ 0.0044 1,155,006 \$ 5,082.03 \$ - 0.00% RRRP) \$ 0.0013 1,155,006 \$ 1,501.51 \$ 0.0013 1,155,006 \$ 1,501.51 \$ - 0.00% RRRP) \$ 0.2500 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ - 0.00% CRRP Standard Supply Service Charge \$ 0.2500 1,095,000 \$ 7,665.00 \$ 0.0070 1,095,000 \$ 7,665.00 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 0.0954 1,155,006 \$ 110,187.57 \$ 0.0954 1,155,006 \$ 110,187.57 \$ - 0.00% Total Bill on Average IESO Wholesale Market Price \$ 13% \$ 19,713.27 13% \$ 19,663.64 \$ (49.62) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit \$ 170	Sub-Total B - Distribution (includes Sub-				é	22 126 05				6	21 674 44	4	(451 61)	2 049/
RTSR - Connection and/or Line and Transformation Connection \$ 1.3670	Total A)				9	22,120.03				Ф	21,074.44	9	(451.01)	-2.04 /0
Transformation Connection \$ 1.3670 1,500 \$ 2,050.50 \$ 1.4177 1,500 \$ 2,126.55 \$ 76.05 3.71% Sub-Total C - Delivery (including Sub-Total B) \$ 27,204.15 \$ 26,822.44 \$ (381.71) -1.40% Wholessale Market Service Charge (WMSC) \$ 0.0044 1,155,006 \$ 5,082.03 \$ 0.0044 1,155,006 \$ 5,082.03 \$ - 0.00% Rural and Remote Rate Protection (RRRP) \$ 0.0013 1,155,006 \$ 1,501.51 \$ 0.0013 1,155,006 \$ 1,501.51 \$ - 0.00% Standard Supply Service Charge \$ 0.2500 1 \$ 0.25 \$ 0.25 1 \$ 0.25 \$ - 0.00% Debt Retirement Charge (PRC) \$ 0.0070 1,095,000 \$ 7,665.00 \$ 7,665.00 \$ 7,665.00 \$ - 0.00% Contain Electricity Support Program (OESP) \$ 0.0954 1,155,006 \$ 110,187.57 \$ 0.0954 1,155,006 \$ 110,187.57 \$ - 0.00% Total Bill on Average IESO Wholesale Market Price \$ 13% \$ 19,713.27 13% \$ 19,663.64 \$ (49.62) -0.25% Ontario Clean Energy Benefit 1	RTSR - Network	\$	2.0184	1,500	\$	3,027.60	\$	2.0143	1,500	\$	3,021.45	\$	(6.15)	-0.20%
Sub-Total C - Delivery (including Sub-Total C - Delivery (including Sub-Total Bull C - Delivery (including Sub-Total Bill (including Fig.) \$ 27,204.15 \$ 26,822.44 \$ (381.71)	RTSR - Connection and/or Line and	•	4 2670	1 500	e.	2.050.50		4 4477	1 500	ď	2 426 EE	æ	76.05	2 740/
Total B	Transformation Connection	Þ	1.3070	1,500	Ф	2,050.50	Ф	1.4177	1,500	Ф	2,120.55	Ф	76.05	3.71%
Total Bill (including HST)	Sub-Total C - Delivery (including Sub-					07.004.45				•	00 000 44	•	(204.74)	4.400/
(WMSC) \$ 0.0044 1,155,006 \$ 5,082.03 \$ 0.0044 1,155,006 \$ 5,082.03 \$ 0.0096 Rural and Remote Rate Protection (RRRP) \$ 0.0013 1,155,006 \$ 1,501.51 \$ 0.0013 1,155,006 \$ 1,501.51 \$ - 0.00% Standard Supply Service Charge \$ 0.2500 1 \$ 0.25 0.25 1 \$ 0.25 \$ - 0.00% Debt Retirement Charge (DRC) \$ 0.0070 1,095,000 7,665.00 \$ 0.0070 1,095,000 7,665.00 \$ 7,665.00 \$ - 0.00% ORESP) \$ 0.0954 1,155,006 \$ 110,187.57 \$ 0.0954 1,155,006 \$ 110,187.57 \$ - 0.00% Total Bill on Average IESO Wholesale Market Price \$ 13% \$ 19,713.27 13% \$ 19,633.64 \$ (49.62) -0.25% Total Bill (including HST) \$ 170,322.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit 1	Total B)				Þ	27,204.15				Þ	26,822.44	Þ	(381.71)	-1.40%
Rural and Remote Rate Protection \$ 0.0013 1,155,006 \$ 1,501.51 \$ 0.0013 1,155,006 \$ 1,501.51 \$ - 0.00%	Wholesale Market Service Charge	•	0.0044	4.455.000	•	F 000 00		0.0044	4.455.000	•	F 000 00	4		0.000/
RRRP \$ 0.0013	(WMSC)	P	0.0044	1,155,006	Ф	5,062.03	Ф	0.0044	1,155,006	Ф	5,062.03	Ф	-	0.00%
(RRRP) Standard Supply Service Charge \$ 0.2500 1 1 \$ 0.25 \$ 0.25 1 1 \$ 0.25 \$ - 0.00% Debt Retirement Charge (DRC) \$ 0.0070 1,095,000 \$ 7,665.00 \$ - 0.00% Ontario Electricity Support Program (OESP) Total Bill on Average IESO Wholesale Market Price 13% 151,640.51 151,006 \$ 19,713.27 13% 171,353.77 13% 170,002.44 \$ (49.62) -0.25% Ontario Clean Energy Benefit 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 170,000 1 1 1 1 1 1 1 1 1	Rural and Remote Rate Protection	•	0.0040	4.455.000	•	4 504 54		0.0040	4.455.000	•	4 504 54	Φ.		0.000/
Debt Retirement Charge (DRC) \$ 0.0070 1,095,000 \$ 7,665.00 \$ 0.0070 1,095,000 \$ 7,665.00 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 0.0954 1,155,006 \$ 110,187.57 \$ 0.0954 1,155,006 \$ 110,187.57 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 1,155,006 \$ 110,187.57 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 1,155,006 \$ 110,187.57 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 1,155,006 \$ 110,187.57 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 110,187.57 \$ 0.0954 1,155,006 \$ 110,187.57 \$ - 0.00% Ontario Electricity Support Program (OESP) \$ 151,640.51 \$ 151,640.51 \$ 151,258.80 \$ (381.71) -0.25% Ontario Clean Energy Benefit \$ 13% \$ 19,713.27 \$ 13% \$ 19,633.64 \$ (49.62) -0.25% Ontario Clean Energy Benefit \$ 100,000 \$ 1.095,000 \$ 1.095,000 \$ 1.095,000 \$ 1.095,000 \$ 1.095,000 \$ 7,665.00 \$ 7,665	(RRRP)	Þ	0.0013	1,155,006	Э	1,501.51	Þ	0.0013	1,155,006	Ф	1,501.51	Э	-	0.00%
Ontario Electricity Support Program (OESP) Average IESO Wholesale Market Price \$ 0.0954	Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.25	1	\$	0.25	\$	-	0.00%
COESP) \$ - 1,155,006 \$ - \$ - \$ - \$ - 0.00% - \$ - 0.00% - \$ - 0.00% - \$ - 0.00% - \$ - 0.00% - 1.155,006 \$ 151,640.51 - 1.	Debt Retirement Charge (DRC)	\$	0.0070	1,095,000	\$	7,665.00	\$	0.0070	1,095,000	\$	7,665.00	\$	-	0.00%
(DESP) Average IESO Wholesale Market Price \$ 0.0954 1,155,006 \$ 110,187.57 \$ 0.0954 1,155,006 \$ 110,187.57 \$ - 0.00% Total Bill on Average IESO Wholesale Market Price \$ 151,640.51 \$ 151,258.80 \$ (381.71) -0.25% 13% \$ 19,713.27 \$ 13% \$ 19,663.64 \$ (49.62) -0.25% 170,922.44 \$ (31.33) -0.25% 170,9	Ontario Electricity Support Program								4.455.000	•		_		
Total Bill on Average IESO Wholesale Market Price \$ 151,640.51 \$ 151,258.80 \$ (381.71) -0.25% HST 13% \$ 19,713.27 13% \$ 19,663.64 \$ (49.62) -0.25% Total Bill (including HST) \$ 171,353.77 \$ \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit 1	(OESP)						\$	-	1,155,006	\$	-	\$	-	
HST 13% \$ 19,713.27 13% \$ 19,663.64 \$ (49.62) -0.25% Total Bill (including HST) \$ 171,353.77 \$ \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit 1	Average IESO Wholesale Market Price	\$	0.0954	1,155,006	\$	110,187.57	\$	0.0954	1,155,006	\$	110,187.57	\$	-	0.00%
HST 13% \$ 19,713.27 13% \$ 19,663.64 \$ (49.62) -0.25% Total Bill (including HST) \$ 171,353.77 \$ \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit 1				· · ·							·			
HST 13% \$ 19,713.27 13% \$ 19,663.64 \$ (49.62) -0.25% Total Bill (including HST) \$ 171,353.77 \$ \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit 1	Total Bill on Average IESO Wholesale Market Price				\$	151,640.51				\$	151,258.80	\$	(381.71)	-0.25%
Total Bill (including HST) \$ 171,353.77 \$ 170,922.44 \$ (431.33) -0.25% Ontario Clean Energy Benefit 1 \$ ** *			13%		\$. ,		13%					(,	
Ontario Clean Energy Benefit 1					\$									
	, ,				\$	-				Ė	·		, , , , ,	
V 11,1000					\$	171,353,77				\$	170.922.44	\$	(431,33)	-0.25%
					Ť	,				Ť	,	Ť	(131100)	0.2070

Customer Class: RESIDENTIAL SERVICE CLASSIFICATION RPP / Non-RPP: RPP

Consumption 313 kWh 1.0548 kW Demand **Current Loss Factor**

Proposed/Approved Loss Factor
Ontario Clean Energy Benefit Applied? 1.0548

	Cu	irrent Bo	oard-Approve	ed				Proposed				Impa	act
	Rate		Volume		Charge		Rate	Volume		Charge			
	(\$)				(\$)		(\$)			(\$)	,	\$ Change	% Change
Monthly Service Charge	\$	12.57	1	\$	12.57	\$	15.12	1	\$	15.12	\$	2.55	20.29%
Distribution Volumetric Rate	\$	0.0123	313	\$	3.85	\$	0.0093	313	\$	2.91	\$	(0.94)	-24.39%
Fixed Rate Riders	\$	-	1	\$	-	\$	0.05	1	\$	0.05	\$	0.05	
Volumetric Rate Riders	-\$	0.0002	313	\$	(0.06)	-\$	0.0002	313	\$		\$	-	0.00%
Sub-Total A (excluding pass through)				\$	16.36				\$	18.02	\$	1.66	10.15%
Line Losses on Cost of Power	\$	0.1021	17	\$	1.75	\$	0.1021	17	\$	1.75	\$	-	0.00%
Total Deferral/Variance Account Rate	\$	0.0043	313	œ	1.35	\$	0.0036	313	œ	1.13	\$	(0.22)	-16.28%
Riders										-	φ	(0.22)	
Low Voltage Service Charge		0.0010	313		0.31	\$	0.0010	313	\$	0.31	\$	-	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-				\$	20.56				\$	22.00	\$	1.44	7.01%
Total A)												1.44	
RTSR - Network	\$	0.0072	330	\$	2.38	\$	0.0072	330	\$	2.38	\$	-	0.00%
RTSR - Connection and/or Line and	s	0.0050	330	¢	1.65	\$	0.0052	330	¢	1.72	\$	0.07	4.00%
Transformation Connection	,	0.0050	330	Ψ	1.00	Ψ	0.0032	330	Ψ	1.72	Ψ	0.07	4.0078
Sub-Total C - Delivery (including Sub-				s	24.59				\$	26.09	\$	1.51	6.13%
Total B)				۳	24.00				Ψ	20.00	Ψ	1.01	0.1070
Wholesale Market Service Charge	s	0.0044	330	\$	1.45	\$	0.0044	330	\$	1.45	\$		0.00%
(WMSC)	,	0.0044	000	Ψ	1.40	۳	0.0044	000	Ψ	1.40	Ψ		0.0070
Rural and Remote Rate Protection	\$	0.0013	330	\$	0.43	\$	0.0013	330	\$	0.43	\$		0.00%
(RRRP)			000			1							
Standard Supply Service Charge		0.2500	1	\$	0.25	\$	0.25		\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	313	\$	2.19	\$	-	313	\$	-	\$	(2.19)	-100.00%
Ontario Electricity Support Program						\$	_	330	\$		\$		
(OESP)						۳					_		
TOU - Off Peak		0.0800	200	\$	16.03		0.0800	200		16.03	\$	-	0.00%
TOU - Mid Peak	•	0.1220	56	\$	6.87	\$	0.1220	56	\$	6.87	\$	-	0.00%
TOU - On Peak	\$	0.1610	56	\$	9.07	\$	0.1610	56	\$	9.07	\$	-	0.00%
Total Bill on TOU (before Taxes)				\$	60.88				\$	60.20	\$	(0.68)	-1.12%
HST		13%		\$	7.91		13%		\$	7.83	\$	(0.09)	-1.12%
Total Bill (including HST)				\$	68.79				\$	68.02	\$	(0.77)	-1.12%
Ontario Clean Energy Benefit 1				\$	(6.88)								
Total Bill on TOU				\$	61.91				\$	68.02	\$	6.11	9.87%

Current Loss Factor

Proposed/Approved Loss Factor
Ontario Clean Energy Benefit Applied? No

		Current B	oard-Approve	ed				Proposed				Imp	act
	Ra	te	Volume		Charge		Rate	Volume		Charge			
	(\$)			(\$)		(\$)			(\$)	,	Change	% Change
Monthly Service Charge	\$	156.54	1	\$	156.54	\$	158.34	1	\$	158.34	\$	1.80	1.15%
Distribution Volumetric Rate	\$	2.6680	529.166667	\$	1,411.82	\$	2.6987	529.1666667	\$	1,428.06	\$	16.25	1.15%
Fixed Rate Riders	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Volumetric Rate Riders	-\$	0.0202	529.166667	\$	(10.69)	-\$	0.0245	529.1666667	\$	(12.96)	\$	(2.28)	21.29%
Sub-Total A (excluding pass through)				\$	1,557.67				\$	1,573.44	\$	15.77	1.01%
Line Losses on Cost of Power	\$	-	-	\$	-	\$	-	-	\$	-	\$	-	
Total Deferral/Variance Account Rate	s	1.7333	529	\$	917.20	\$	1.1504	529	\$	608.75	\$	(308.45)	-33.63%
Riders	a a			φ		φ			φ		φ	(308.43)	
Low Voltage Service Charge	\$	0.3277	529	\$	173.41	\$	0.3277	529	\$	173.41	\$	-	0.00%
Smart Meter Entity Charge (if applicable)	\$	-	1	\$	-	\$	-	1	\$	-	\$	-	
Sub-Total B - Distribution (includes Sub-				\$	2,648.28				\$	2,355.60	\$	(292.68)	-11.05%
Total A)									•			` '	
RTSR - Network	\$	2.6778	529	\$	1,417.00	\$	2.6723	529	\$	1,414.09	\$	(2.91)	-0.219
RTSR - Connection and/or Line and	s	1.7626	529	\$	932.71	\$	1.8279	529	\$	967.26	œ	34.55	3.70%
Transformation Connection	a a	1.7020	529	9	932.71	φ	1.02/9	529	φ	907.20	9	34.55	3.707
Sub-Total C - Delivery (including Sub-				\$	4,997.99				\$	4,736.95	¢	(261.04)	-5.22%
Total B)				Ŷ	4,331.33				Ψ	4,730.33	9	(201.04)	-3.22/
Wholesale Market Service Charge	s	0.0044	333.317	\$	1,466,59	\$	0.0044	333,317	\$	1.466.59	\$	_	0.00%
(WMSC)	•	0.0044	000,017	Ψ	1,400.00	۳	0.0044	000,017	Ψ	1,400.00	Ψ		0.007
Rural and Remote Rate Protection	s	0.0013	333,317	\$	433.31	\$	0.0013	333,317	\$	433.31	\$		0.009
(RRRP)	•		000,017			1		· ·					
Standard Supply Service Charge	\$	0.2500	1	\$	0.25	\$	0.25		\$	0.25	\$	-	0.00%
Debt Retirement Charge (DRC)	\$	0.0070	316,000	\$	2,212.00	\$	0.0070	316,000	\$	2,212.00	\$	-	0.009
Ontario Electricity Support Program						s	_	333,317	\$		\$		
(OESP)						Ť		,-	•		_		
Average IESO Wholesale Market Price	\$	0.0954	333,317	\$	31,798.42	\$	0.0954	333,317	\$	31,798.42	\$	-	0.00%
Total Bill on Average IESO Wholesale Market Price				\$	40,908.57				\$	40,647.53		(261.04)	-0.64%
HST		13%		\$	5,318.11		13%		\$	5,284.18		(33.93)	-0.64%
Total Bill (including HST)				\$	46,226.68				\$	45,931.71	\$	(294.97)	-0.649
Ontario Clean Energy Benefit 1				\$	-								
Total Bill on Average IESO Wholesale Market Price				\$	46,226.68				\$	45,931.71	\$	(294.97)	-0.649

Peterborough Distribution Inc 2016 4th Generation IRM Rate Application EB-2015-0097 Filed: September 28, 2015

Appendix E

2011-2014 CDM Results



Message from the Vice President:

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

2011-2014 Conservation Framework Highlights:

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

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

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

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

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

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

Sincerely,

Terry Young

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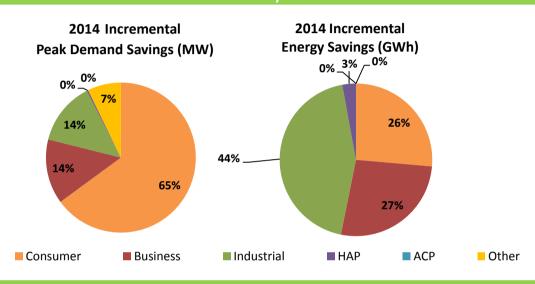
IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

LDC: Peterborough Distribution Incorporated

Final 2014 Achievement Against Targets	2014 Incremental	2011-2014 Achievement Against Target	% of Target Achieved
Net Annual Peak Demand Savings (MW)	5.1	7.2	83.0%
Net Energy Savings (GWh)	5.8	35.0	91.0%

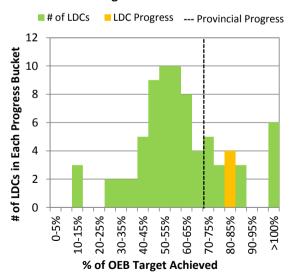
Unless otherwise noted, results are presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Achievement by Sector

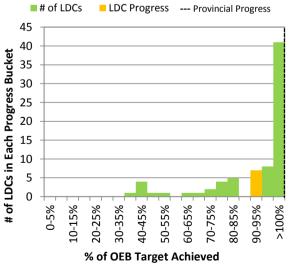


Comparison: LDC Achievement vs. LDC Community Achievement (Progress to Target)

% of OEB Peak Demand Savings Target Achieved



% of OEB Energy Savings Target Achieved



			Incremen	tal Activity	oorated Initiativ	Net Inc	remental Peak I	Demand Saving			et Incremental E			Program-to-Date Verii (exclud	les DR)
Initiative	Unit	(new progr		curring within t ng period)	he specified	(new peak	demand saving specified repo		within the	(new energy sa	avings from activi per	riod)	ecified reporting	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	270	207	122	163	15	12	8	13	106,597	83,226	52,368	64,018	48	844,718
Appliance Exchange	Appliances	39	22	48	46	4	3	10	10	4,184	5,724	17,733	16,994	24	83,913
HVAC Incentives	Equipment	540	517	568	638	192	115	120	144	368,523	203,798	219,437	272,932	572	2,797,291
Conservation Instant Coupon Booklet	Items	3,603	220	2,482	7,366	8	2	4	15	132,571	9,972	54,973	200,826	29	870,974
Bi-Annual Retailer Event	Items	6,791	7,567	6,738	34,412	12	11	8	57	209,601	191,016	122,532	876,584	88	2,533,102
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	14	0	28	9,343	8	0	15	3,002	0	0	32	0	3,002	32
Residential Demand Response (IHD)	Devices	0	4	22	846	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	•					239	143	166	3,241	821.476	493.736	467.075	1.431.354	3,763	7,130,030
Rusiness Program													, , , , , ,	.,	,,
Retrofit	Projects	15	43	61	51	66	716	243	138	413,045	2,966,599	1,291,840	1,001,962	1,081	13,698,392
Direct Install Lighting	Projects	42	167	173	160	41	157	152	122	91,318	527,343	519,098	441,916	459	3,390,071
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	2	1	0	0	1	12	0	0	1,298	8,890	13	11,486
Energy Audit	Audits	0	11	0	0	0	0	0	0	0	0	0	0 8,890	0	0
	Devices	0	7	10	613	0	4	6	194	0	25	9	0	194	35
Small Commercial Demand Response		-			_					4					
Small Commercial Demand Response (IHD)	Devices	0	0	6	6	0	0	0	0	0	0	0 4.636	0	0 231	0
Demand Response 3	Facilities	0	0	1 1	1			347	231			,			4,636
Business Program Total						108	878	749	697	504,363	3,493,967	1,816,881	1,452,767	1,979	17,104,619
Industrial Program	<u> </u>		_				1								<u> </u>
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	1	0	3	0	0	0	262	0	0	0	2,383,594	262	2,383,594
Retrofit	Projects	2	0	0	0	132	0	0	0	824,402	0	0	0	132	3,297,609
Demand Response 3	Facilities	0	1	1	1	0	0	417	417	0	0	9,487	0	417	9,487
Industrial Program Total						132	0	417	679	824,402	0	9,487	2,383,594	811	5,690,690
Home Assistance Program															
Home Assistance Program	Homes	0	175	539	288	0	16	43	15	0	157,580	396,853	156,537	73	1,414,301
Home Assistance Program Total						0	16	43	15	0	157,580	396,853	156,537	73	1,414,301
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			l .	L	1	0	0	0	0	0	0	0	0	0	0
Pro 2011 Programs completed in 2011						-									-
Electricity Retrofit Incentive Program	Projects	11	0	0	0	67	0	0	0	321,610	0	0	0	67	1,286,442
		1	0							4 					
High Performance New Construction	Projects	l		0	0	21	1	0	0	105,956	781	0	0	21	426,165
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 To	otal					87	1	0	0	427,566	781	0	0	88	1,712,607
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	359	0	0	0	0	359	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total	. rojects	l —				0	0	0	359	0	0	0	0	359	0
Adjustments to 2011 Verified Results							-25	0	0		-30,586	0	0	-25	-124,497
Adjustments to 2012 Verified Results								102	31			402,116	154,389	133	1,667,850
Adjustments to 2013 Verified Results									58				256,663	58	399,602
						558	1,033	588	1,147	2,577,808	4,146,039	2,676,132	5,424,251	3,228	33,038,059
Energy Efficiency Total						8	4	785	3,845	0	25	14,164	0	3,845	14,189
															•
Demand Response Total (Scenario 1)	Results Total					0	-25	102	88	0	-30,586	402,116	411,052	165	1,942,955
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified I						0 566	-25 1,013	102 1,476	5,080	2,577,808	-30,586 4,115,478	402,116 3,092,412	411,052 5,835,303	165 7,238	1,942,955 34,995,203
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified I OPA-Contracted LDC Portfolio Total (inc.	Adjustments)	nt the savings from	all active facilities	or devices	*Includes adjustme	566	1,013		1			402,116 3,092,412	5,835,303	7,238	34,995,203
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified I	Adjustments) s for each year represer	nt the savings from a	all active facilities	or devices		_	1,013 ts were issued	1,476	5,080	2,577,808	4,115,478	3,092,412			

Initiative	Unit		Incremental A	Activity ng within the s		Net Increi	et Verified Res mental Peak Der mand savings fr	nand Savings (I	kW)		cremental Energ	ity within the		Program-to-Date Verif	
mudite	Oint	2011*	reporting pe	eriod) 2013*	2014	2011	pecified reporting	ng period) 2013	2014	2011	reporting pe	eriod) 2013	2014	2014 Net Annual Peak Demand Savings (kW) 2014	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	-87	14	42		-26	3	9		-50,213	5,577	17,180		-14	-149,765
Conservation Instant Coupon Booklet	Items	59	0	7		0	0	0		1,966	0	168		0	8,200
Bi-Annual Retailer Event	Items	584	0	0		1	0	0		15,573	0	0		1	62,291
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total				•		-25	3	9		-32,675	5,577	17,348		-13	-79,274
Business Program												<u> </u>			<u> </u>
Retrofit	Projects	0	3	3		0	83	17		0	319,323	100,099		100	1,156,503
Direct Install Lighting	Projects	1	3	1		1	1	1		3,239	2,790	2,522		3	24,218
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	0	1		0	0	11		0	0	7,384		11	14,767
Energy Audit	Audits	0	11	0		0	45	0		0	220,931	0		45	662,793
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		-				1	130	29		3,239	543,044	110,004		158	1,858,281
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	1	0		0	1	1		0	7,884	15,587		20	168,550
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	1	1		0	7,884	15,587		20	168,550
Home Assistance Program															<u> </u>
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Home Assistance Program Total				_		0	0	0		0	0	0		0	0
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	riojects					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
		0	0	0		0	0	0		-1,151	0	0		0	-4,602
High Performance New Construction	Projects														
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		-1,151	0	0		0	-4,602
Other	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Program Enabled Savings	Trojects						0	0		0		1 -			0
Other Program Enabled Savings Time-of-Use Savings	Homes	0	0	0		0	U	U			0	0		0	
		0	0	0		0	0	0		0	0	0		0	0
Time-of-Use Savings	Homes	l													
Time-of-Use Savings LDC Pilots Other Total	Homes	l				0 0	0	0		0 0	0	0		0	0
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results	Homes	l				0	0	0		0	0	0		0 0 -25	0 0 -124,497
Time-of-Use Savings LDC Pilots Other Total	Homes	l				0 0	0	0		0 0	0	0		0	0

(reported cumulatively).

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

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: Peterborough Distribution Incorporated Realization Rate & NTG

	ated Real	ization Rat	te & NTG													
			Po	eak Dema	ind Savings	;						Energy	Savings			
Initiative		Realizatio	n Rate			Net-to-Gro	ss Ratio			Realizatio	n Rate			Net-to-Gro	ss 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	0.49	0.46	0.42	0.42	1.00	1.00	n/a	n/a	0.50	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	1.69	1.00	1.00	1.00	1.00	1.11	1.05	1.13	1.73
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	0.92	0.98	0.92	0.83	0.74	0.78	0.75	0.71	1.24	1.14	1.08	0.99	0.75	0.79	0.74	0.72
Direct Install Lighting	1.08	0.73	0.82	0.78	0.93	0.94	0.94	0.94	0.90	0.86	0.85	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	0.53	0.80	n/a	n/a	0.54	0.54	n/a	n/a	0.73	0.99	n/a	n/a	0.54	0.54
Energy Audit	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	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	0.91	n/a	n/a	n/a	0.90	n/a	n/a	n/a	0.96	n/a	n/a	n/a	0.90
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	0.47	0.75	0.83	n/a	1.00	1.00	1.00	n/a	0.92	0.87	0.75	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						
implementation Period	2011	2012	2013	2014					
2011 - Verified	0.6	0.6	0.6	0.5					
2012 - Verified†	0.0	1.0	1.0	0.9					
2013 - Verified†	0.0	0.1	1.5	0.7					
2014 - Verified†	0.0	***							
Ve	rified Net Annual Po	eak Demand Savin	gs Persisting in 2014:	7.2					
Peterborough D	CDM Capacity Target:	8.7							
Verified Po	Achieved in 2014 (%):	83.0%							

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

Implementation Period		A	Annual		Cumulative
implementation Period	2011	2012	2013	2014	2011-2014
2011 - Verified	2.6	2.6	2.6	2.5	10.3
2012 - Verified†	0.0	4.1	3.9	3.8	11.9
2013 - Verified†	0.0	0.4	3.1	3.1	6.6
2014 - Verified†	0.0	5.8	6.3		
		Verified	Net Cumulative Energy	Savings 2011-2014:	35.0
	CDM Energy Target:	38.5			
	hieved in 2014 (%):	91.0%			

 $^{{\}it tIncludes\ adjustments\ to\ previous\ years'\ verified\ results}$

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

				tal Activity			cremental Peak					Energy Savings (k		Program-to-Date Verif	les DR)
Initiative	Unit	(new prog		curring within thin great period)	ne specified	(new peal	k demand saving specified rep	gs from activity orting period)	within the	(new energy sa		vity within the sp eriod)	ecified reporting	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program	1										T				
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			1	1			1	1	T			1			
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						64,617	98,221	107,261	133,319	198,124,253	381,415,230	430,423,659	600,176,121	332,769	3,358,699,887
Industrial Program															
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						_						_,	5,252,251		1,010,000
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
-	Projects	577	15	4	5	15,805	0	0	281	86,964,886	11,901,944	3,522,240	2,479,840	16,086	350,339,385
Toronto Comprehensive		110		0			0		0		-	0	2,479,840		
Multifamily Energy Efficiency Rebates	Projects	∮	0		0	1,981		0		7,595,683	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 To	otai					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															
out.c.	Drojects	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
Program Enabled Savings	Projects		0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
Program Enabled Savings Time-of-Use Savings	Homes	0	0				0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
		0	0	0	1,174	0				0	1,188,362	4,075,382			
Time-of-Use Savings	Homes			0	1,174	0	2,304	3,692	61,466	U	1,100,302	4,075,382	24,096,859	67,462	35,812,709
Time-of-Use Savings LDC Pilots Other Total	Homes			0	1,174		· · · · ·			0				-	
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results	Homes			0	1,174		2,304 1,406	641	1,418	0	18,689,081	1,736,381	7,319,857	3,215	110,143,550
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results	Homes			0	1,174		· · · · ·		1,418 9,221	0			7,319,857 37,080,215	3,215 15,401	110,143,550 238,780,637
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results	Homes			0	1,174	0	1,406	641 6,260	1,418 9,221 24,391		18,689,081	1,736,381 41,947,840	7,319,857 37,080,215 150,785,808	3,215 15,401 24,391	110,143,550 238,780,637 296,465,211
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total	Homes			0	1,174	136,610	1,406	641 6,260 117,536	1,418 9,221 24,391 224,457	603,144,419	18,689,081 482,474,435	1,736,381 41,947,840 554,528,447	7,319,857 37,080,215 150,785,808 975,639,300	3,215 15,401 24,391 575,647	110,143,550 238,780,637 296,465,211 5,896,382,612
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1)	Homes Projects			0	1,174	136,610 79,733	1,406 109,191 142,670	641 6,260 117,536 280,099	1,418 9,221 24,391 224,457 309,091	603,144,419 3,739,185	18,689,081 482,474,435 2,427,011	1,736,381 41,947,840 554,528,447 5,046,495	7,319,857 37,080,215 150,785,808 975,639,300 8,698	3,215 15,401 24,391 575,647 309,091	110,143,550 238,780,637 296,465,211 5,896,382,612 11,221,389
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified	Homes Projects Results Total			0	1,174	136,610 79,733	1,406 109,191 142,670 1,406	641 6,260 117,536 280,099 6,901	1,418 9,221 24,391 224,457 309,091 35,030	603,144,419 3,739,185 0	18,689,081 482,474,435 2,427,011 18,689,081	1,736,381 41,947,840 554,528,447 5,046,495 43,684,221	7,319,857 37,080,215 150,785,808 975,639,300 8,698 195,185,880	3,215 15,401 24,391 575,647 309,091 43,006	110,143,550 238,780,637 296,465,211 5,896,382,612 11,221,389 645,389,397
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1)	Homes Projects Results Total			0	1,174	136,610 79,733	1,406 109,191 142,670	641 6,260 117,536 280,099	1,418 9,221 24,391 224,457 309,091	603,144,419 3,739,185	18,689,081 482,474,435 2,427,011	1,736,381 41,947,840 554,528,447 5,046,495 43,684,221	7,319,857 37,080,215 150,785,808 975,639,300 8,698	3,215 15,401 24,391 575,647 309,091	110,143,550 238,780,637 296,465,211 5,896,382,612 11,221,389
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified	Homes Projects Results Total Adjustments) s for each year represent	0	0		1,174	136,610 79,733 0 216,343	1,406 109,191 142,670 1,406 253,267	641 6,260 117,536 280,099 6,901	1,418 9,221 24,391 224,457 309,091 35,030	603,144,419 3,739,185 0	18,689,081 482,474,435 2,427,011 18,689,081	1,736,381 41,947,840 554,528,447 5,046,495 43,684,221 603,259,163	7,319,857 37,080,215 150,785,808 975,639,300 8,698 195,185,880	3,215 15,401 24,391 575,647 309,091 43,006	110,143,550 238,780,637 296,465,211 5,896,382,612 11,221,389 645,389,397

			Incremental A	•	itii		nental Peak Der				cremental Energ			Program-to-Date Verif	les DR)
Initiative	Unit		reporting pe	eriod)			ecified reporti	ng period)		S	rgy savings from pecified reporti	ing period)		2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program			,								,				
Appliance Retirement	Appliances	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	00,732,401
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total	FTOJECIS	0	U			1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
							3,112	2,020			11,401,007	10,000,304			
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 Adjustments to Previous Years' Verified Results Tota								23,463				145,679,403	-	24,391	296,465,211
	21	1				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). Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 8: Province-Wide Realization Rate & NTG

				Peak Dema	nd Savings							Energy	Savings			
Initiative		Realizat	ion Rate			Net-to-Gr	oss Ratio			Realizatio	n Rate			Net-to-Gro	ss 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														<u>'</u>		
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 Deried	Annual			
Implementation Period	2011	2012	2013	2014
2011	216.3	136.6	135.8	129.0
2012†	1.4	253.3	109.8	108.2
2013†	0.6	7.0	404.5	122.0
2014†	1.4	10.8	34.2	568.6
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
implementation Period	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	1		
Appliance	12008 & 2009 residential throughout. Home	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined
Appliance Exchange	III)(When nostal code is not available results	Is a vinge are concidered to begin in the vear that	using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
HVAC Incentives	Results directly attributed to LDC based on customer postal code.	Savings are considered to begin in the year that the installation occurred.	

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.	Peak demand and energy savings are determined using the verified measure level per unit assumption
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.	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.
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	Isystem Initiative was not evaluated in 2011	Savings are considered to begin in the year of the project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Business Program			
Efficiency: Equipment Replacement	ISNETAM PROJECTS IN THE ANNICATION STATILS.	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 projects with an "Actual Project Completion Da		ubmission - Payment denied by LDC) and only including

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)	data provided to IESO through project	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	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)		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 Pro	ogram		
	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Aboriginal Program			
Aboriginal Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

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

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings		
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.		Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align		
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation.	Savings are considered to begin in the year in which a project was completed.	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		
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation.		evaluated results (http://www.powerauthority.on.ca/evaluation- measurement-and-verification/evaluation-reports).		

Consumer Program Allocation Methodology

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

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

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

Reporting Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 11: Peterborough Distribution Incorporated Initiative and Program Level Gross Savings by Year

Initiative	Unit	(new pe	Gross Incremental Peak Demand Savings (kW) Gross Incremental Energy Savin (new peak demand savings from activity within the specified reporting period) (new energy savings from activity within the specified reporting period)						period)
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	33	12	17	29	223,654	83,226	111,114	138,292
Appliance Exchange**	Appliances	7	3	19	18	8,118	5,724	33,692	32,288
HVAC Incentives	Equipment	321	234	253	303	618,205	417,227	464,458	574,814
Conservation Instant Coupon Booklet	Items	7	2	3	9	120,317	9,457	48,801	116,327
Bi-Annual Retailer Event	Items	11	12	8	33	191,855	208,422	117,265	501,079
Retailer Co-op	Items	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	8	0	15	3,002	0	0	32	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		387	262	315	3,395	1,162,149	724,055	775,362	1,362,799
Business Program	_		1	1			1		T
Retrofit	Projects	90	828	324	186	550,798	3,216,666	1,745,499	1,396,700
Direct Install Lighting	Projects	39	203	161	129	98,346	629,560	549,968	468,196
Building Commissioning	Buildings	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	2	22	0	0	2,404	16,462
Energy Audit	Audits	0	0	0	0	0	0	0	0
Small Commercial Demand Response	Devices	0	4	6	194	0	25	9	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	0	0	347	231	0	0	4,636	0
Business Program Total		128	1,035	841	763	649,144	3,846,252	2,302,515	1,881,358
Industrial Program			1	ı	1		<u> </u>	<u> </u>	T
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	291	0	0	0	2,648,437
Retrofit	Projects	177	0	0	0	1,076,751	0	0	0
Demand Response 3	Facilities	0	0	417	417	0	0	9,487	0
Industrial Program Total		177	0	417	708	1,076,751	0	9,487	2,648,437
Home Assistance Program	Homes	0	34	43	15	0	171,547	396,853	156,537
Home Assistance Program Home Assistance Program Total	noilles	0	34	43	15	0	171,547	396,853	156,537
		U	54	45	15	U	1/1,34/	390,033	130,337
Aboriginal Program	Homes	0	0	0	0	0	0	0	0
Home Assistance Program		0	0	0	0	0	0	0	0
Direct Install Lighting	Projects					↓	<u> </u>		
Aboriginal Program Total		0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	128	0	0	0	618,482	0	0	0
High Performance New Construction	Projects	41	2	0	0	211,911	1,562	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 Tot	tal	170	2	0	0	830,393	1,562	0	0
Other									
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	359	0	0	0	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0
Other Total		0	0	0	359	0	0	0	0
Adjustments to 2011 Verified Results			-1	0	0		147,488	0	0
Adjustments to 2011 Verified Results				117	45		211,100	445,416	225,299
Adjustments to 2012 Verified Results					87			7.0,120	335,115
Energy Efficiency Total		854	1,329	829	1,395	3,718,437	4,743,390	3,470,053	6,049,131
Demand Response Total		8	4	785	3,845	0	25	14,164	0
Adjustments to Previous Years' Verified R	esults Total	0	-1	117	132	0	147,488	445,416	560,414
		862	1,332	1,732	5,372	3,718,437	4,890,904	3,929,633	6,609,545
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		802	1,332	1,132	3,312	3,710,437	4,030,304	3,323,033	0,003,343

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

^{**}Net results substituted for gross results due to unavailability of data

Table 12: Adjustments to Peterborough Distribution Incorporated Gross Verified Results due to Variances

		Table 12: Adjustm	ents to Peterborou	gh Distribution Inc	orporated Gross Verif	ied Results due to V	ariances		
Initiative Unit			ross Incremental Pea d savings from activi		(kW) ied 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			l e	l					ı
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-44	5	20		-84,365	11,355	36,461	
Conservation Instant Coupon Booklet	Items	0	0	0		1,826	0	147	
Bi-Annual Retailer Event	Items	1	0	0		16,929	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		-43	5	20		-65,610	11,355	36,608	
Business Program									
Retrofit	Projects	0	95	25		0	357,848	138,483	
Direct Install Lighting	Projects	1	1	1		3,488	2,962	2,672	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	0	0	20		0	0	13,673	
Energy Audit	Audits	0	16	0		0	289,790	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		1	112	45		3,488	650,600	154,828	
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	2		0	8,760	17,319	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		0	0	2		0	8,760	17,319	
Home Assistance Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Home Assistance Program Total		0	0	0		0	0	0	
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	40	0	0		209,610	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		40	0	0		209,610	0	0	
Pre-2011 Flograms completed in 2011 Total						205,020			
Drogger Fachled Covings	Drojects	0	0	0		0	0	0	
Program Enabled Savings	Projects	0	0	0		0	0	0	
Time-of-Use Savings	Homes								
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		0	0	0		0	0	0	
Adjustments to 2011 Verified Results		-1				147,488			
Adjustments to 2012 Verified Results			117				670,715		
Adjustments to 2013 Verified Results				67				208,755	
Total Adjustments to Previous Years' Verified Res	ults	-1	117	67		147,488	670,715	208,755	
Activity and savings for Demand Response resources for each	Gross results are presen	ted for informational nurn	oses only and						

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).

Tahle 13 · P	rovince-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 20				
		2011	2012	2013	2014	2011	2012	2013	2014	
Consumer Program	I									
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 Devices	10,390	0 49,038	0 93,076	0	3,917	0 359,408	0 390,303	0 8,379	
Residential Demand Response			·	· · · · · · · · · · · · · · · · · · ·	117,513	23,597	·	390,303	·	
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	-	0	
Residential New Construction	Homes	0		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	In:	24 204	70.005	02.005	00.040	104 070 205	207.047.240	470 440 000	C42 E4E 424	
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	24,794 988	65,777,197	68,896,046 0	68,140,249 0	89,528,509	
Building Commissioning	Buildings	0	0	0 2,934		0 922.424			1,513,377	
New Construction	Buildings Audits	247	1,596 1,450	2,934 4,283	11,911 9,367	823,434 0	3,755,869 7,049,351	9,183,826 23,386,108	37,742,970 46,012,517	
Energy Audit		55	1,450	773	2,116	131	1,068			
Small Commercial Demand Response Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	373 0	319 0	
	Devices Facilities	21,390	19,389	23,706	23,380	633,421	281,823	346,659	0	
Demand Response 3 Business Program Total	raciities	78,048	122,056	134,399	23,380 171,405	251,304,448	467,801,406	579,468,111	817,313,113	
Business Program Total		78,048	122,056	134,399	1/1,405	251,304,448	467,801,406	5/9,468,111	817,313,113	
Industrial Program	Projects	0	0	313	12,287	0	0	2,799,746	90,463,617	
Process & System Upgrades	Projects	0	0	0	102	0	0	2,799,746	502,517	
Monitoring & Targeting 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	3,933	0	38,412,408	7,007,555	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	1 acincies	182,552	75,090	166,809	184,238	42,656,366	8,852,247	31,546,976	135,895,498	
Home Assistance Program		102,332	73,030	100,003	104,230	42,030,300	0,032,247	31,340,370	133,033,430	
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	nomes	4	1,777	2,361	2,466	56,119	5,524,230	20,987,275	19,582,658	
Aboriginal Program		,	2,,,,	2,001	2)400	30)113	3,32-1,230	20,507,275	13,302,030	
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	riojects	0	0	267	549	0	0	1,609,393	3,101,207	
Aboligiliai Flografii Total		U	U	207	549	U	U	1,009,393	3,101,207	
Pre-2011 Programs completed in 2011	Danis sta	40.410	_	1 0		222.056.200	0	0		
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 Tot	al	87,169	6,501	772	1,070	460,822,079	23,803,888	3,522,240	8,462,733	
Other	la		2:	2		_	525 ***	4.07	40.02	
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	
	Projects	0	0	0	1,170	0	0	0	5,061,522	
LDC Pilots	Other Total		2,177	3,692	60,296	0	525,011	4,075,382	19,035,337	
Other Total			13,266	645	1,601		48,705,294	20,581	6,028	
Other Total Adjustments to 2011 Verified Results			15,200							
Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results			13)200	8,632	13,449			54,301,893	59,098,939	
Other Total Adjustments to 2011 Verified Results			10,200	8,632	13,449 34,727			54,301,893	59,098,939 206,413,158	
Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results		213,515	156,735	168,583		942,317,539	616,320,385	54,301,893 753,683,966		
Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results		213,515 208,015			34,727	942,317,539 4,901,107	616,320,385 2,427,011		206,413,158	
Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results Adjustments to 2013 Verified Results Energy Efficiency Total	esults Total		156,735	168,583	34,727 289,384			753,683,966	206,413,158 1,210,925,694	

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

		Table 14: Adjustments	to Province-Wide Gros	s Verified Results due	to Variance	25			
Initiative	Unit		Incremental Peak Dema vings from activity within		g period)		oss Incremental Energy Sa gs from activity within the		eriod)
		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			,			2, 2, 2	,,	,,	_
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	781,838	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	2,380,374	0	
Small Commercial Demand Response Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
1 1 1		0		0		0	0	0	_
Demand Response 3	Facilities		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			1	1			1	1	
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	riojecto	13,337	2,647	934		24,954,771	18,589,400	5,319,013	
Other		10,007	-,047			- 1,004,171	20,000,100	5,515,015	
Program Enabled Savings	Projects	1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Program Enabled Savings Time-of-Use Savings	Homes	0	0	0		0	0	0	
		0	0	0		0	0	0	
LDC Pilots	Projects								
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	tivity and savings for Demand Response resources for each year represent the savings *includes adjustments after Final Reports were issued Gross results are presented for informational purposes only and are not considered official 2014 Final								

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

2011-2014 Final Results Report

1 year

from all active facilities or devices contracted since January 1, 2011 (reported

cumulatively).

Peterborough Distribution Inc 2016 4th Generation IRM Rate Application EB-2015-0097 Filed: September 28, 2015

Appendix F

2012-2014 PDI LRAMVA



PDI 2012-2014 LRAMVA



















Peterborough Distribution Inc. lost revenue related to Conservation and Demand Management

For 2012-2014 based on 2011-2014 results



This document was prepared for Peterborough Distribution Inc. by IndEco Strategic Consulting Inc.

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IndEco report B5005

27 September 2015

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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). CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs, which directly impacts the LDC's revenue. The LRAM allows LDCs to be compensated for any lost revenue that may have resulted from CDM programs the LDC offered its customers.

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

Peterborough Distribution Inc. contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period. The CDM Guidelines (Appendix A) show that LDCs are entitled to claim lost revenues from 2014 programs and persisting losses from 2011–2013 programs in 2014 as part of their 2016 IRM applications.

Peterborough Distribution Inc. submitted a successful claim for lost revenues from 2011 CDM programs in 2011 in its 2013 Cost of Service (COS) application. Peterborough Distribution Inc. has not submitted a claim for other lost revenues. This report determines the variance account balance for the following revenue losses:

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

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

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

Methodology

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

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

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

CDM results

From 2011 through 2014, Peterborough Distribution Inc. offered provincial programs in partnership with the Independent Electricity System Operator (IESO). Peterborough Distribution Inc. 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. The savings and demand reductions for a particular year for a number of programs persist in the following years up to and including 2014. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur.

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

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

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

Allocating results to rate classes

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

Application of Reported Results

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

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

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

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

² See PowerStream 2014 rate decision, EB-2014-0108, pp. 5-6.

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

Distribution rates

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

For most electricity distribution utilities in Ontario, including Peterborough Distribution Inc., 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).³

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.⁴ The variance is the difference between these lost revenues and the quantity of CDM in the load forecast.

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

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

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

³ The exception in Peterborough Distribution Inc.'s case is the 2013-2014 rates that were not implemented until September 1, 2013. The formula to pro-rate the 2013 rates for lost revenue estimation were adjusted appropriately to account for this.

⁴ Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

Results

Following the methodology described above, lost revenues were calculated for Peterborough Distribution Inc.

CDM results

IESO evaluation results

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

- The final 2011, 2012, 2013, and 2014 results for Peterborough Distribution Inc. are shown in Table 1; and
- The adjustments to verified final 2011, 2012, and 2013 results for Peterborough Distribution Inc. are shown in Table 2.5

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

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

Allocating results to rate classes

Peterborough Distribution Inc. 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 Peterborough Distribution Inc. has no program results.

Peterborough Distribution Inc. bills customers in different rate classes using different volumetric units, either kilowatt hours (kWh), or

⁵ Verified 2011-2014 Final Results Report for Peterborough Distribution Incorporated. Independent Electricity System Operator. September 1, 2015.

customer peak monthly kilowatts (kW). The rate classes (and billing units) for Peterborough Distribution Inc. are:

- Residential (kWh)
- GS < 50 kW (kWh)
- GS 50 to 4,999 kW (kW)
- Large Use (kW)
- Unmetered Scattered Load (kWh)
- Sentinel Lighting (kW)
- Street Lighting (kW)
- MicroFIT Generator (NA)

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

Load reductions accounted for in the load forecast

Peterborough Distribution Inc.'s last Cost of Service application was filed for the 2013 rate year. The load forecast associated with that application did account for load losses from 2011 – 2014 CDM programs. Table B-5 in Appendix B shows the estimates of load reductions, by rate class that were included at the time of the load forecast. Previous load forecasts did not account for CDM.

Overall impact of CDM on load, by rate class

Multiplying the energy savings or demand reduction reported for Peterborough Distribution Inc. for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class.

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

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

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

Distribution rates

The distribution rates that impact lost revenue for each rate class for Peterborough Distribution Inc. are shown in Table C-1 in Appendix C. The distribution rates for the period from 1 May of each year to 30 April of the next year are pro-rated by number of months to each calendar year in the 2011 to 2014 time period. The rates in 2013 were effective September 1, 2013 and the calculation to pro-rate the distribution rates for 2013 were adjusted accordingly.

Lost revenues

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

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

The amounts shown on Table C-2 also account for the lost revenue due to CDM that has already been incorporated into the load forecast. The impact on Peterborough Distribution Inc.'s revenue is the variance between what is calculated from final CDM program results and what has already been accounted for in the load forecast.

In Peterborough Distribution Inc.'s 2013 COS rate case (EB-2012-0160), disposition of the 2011 lost revenue amounts in Account 1568 was approved. The lost revenue from 2011 CDM programs in 2011 have not been included in the calculations in Table C-2.

Carrying charges

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

In Peterborough Distribution Inc.'s 2013 COS rate case (EB-2012-0160), disposition of the carrying charges to April 30, 2013 on the 2011 lost revenue amounts in Account 1568 was approved. Table C-3 does not include carrying charges on lost revenue from 2011 CDM programs in 2011.

Conclusions

The LRAMVA balance at the end of December 2014 for Peterborough Distribution Inc. that includes results from 2011-2014 CDM programs in 2012-2014 is \$49,852.71. The total carrying charges on this LRAMVA balance accumulated to April 30, 2016 are \$2,617.85. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	-\$20,652.32	-\$388.43	-\$21,040.75
GS < 50 kW	\$98,232.88	\$3,605.72	\$101,838.60
GS 50 to 4,999 kW	-\$19,554.51	-\$324.25	-\$19,878.77
Large Use	\$85.88	-\$14.95	\$70.92
Unmetered Scattered Load	-\$2,261.45	-\$80.83	-\$2,342.28
Sentinel Lighting	-\$387.72	-\$13.32	-\$401.04
Street Lighting	-\$5,610.04	-\$166.08	-\$5,776.12
Totals	\$49,852.71	\$2,617.85	\$52,470.56

NOTE: There is no LRAMVA or carrying charge associated with rate classes not included in this table.

Where negative values are shown, that indicates that the actual reduction in load from CDM programs was less than the amount included in the load forecast.

Appendix A.CDM results reported by the IESO

			Incremen	tal Activity	oorated Initiativ	Net Inc	remental Peak I	Demand Saving			et Incremental E			Program-to-Date Verii (exclud	les DR)
Initiative	Unit	(new progr		curring within t ng period)	he specified	(new peak	demand saving specified repo		within the	(new energy sa	avings from activi per	riod)	ecified reporting	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	270	207	122	163	15	12	8	13	106,597	83,226	52,368	64,018	48	844,718
Appliance Exchange	Appliances	39	22	48	46	4	3	10	10	4,184	5,724	17,733	16,994	24	83,913
HVAC Incentives	Equipment	540	517	568	638	192	115	120	144	368,523	203,798	219,437	272,932	572	2,797,291
Conservation Instant Coupon Booklet	Items	3,603	220	2,482	7,366	8	2	4	15	132,571	9,972	54,973	200,826	29	870,974
Bi-Annual Retailer Event	Items	6,791	7,567	6,738	34,412	12	11	8	57	209,601	191,016	122,532	876,584	88	2,533,102
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	14	0	28	9,343	8	0	15	3,002	0	0	32	0	3,002	32
Residential Demand Response (IHD)	Devices	0	4	22	846	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	•					239	143	166	3,241	821.476	493.736	467.075	1.431.354	3,763	7,130,030
Rusiness Program													, , , , , ,	.,	,,
Retrofit	Projects	15	43	61	51	66	716	243	138	413,045	2,966,599	1,291,840	1,001,962	1,081	13,698,392
Direct Install Lighting	Projects	42	167	173	160	41	157	152	122	91,318	527,343	519,098	441,916	459	3,390,071
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	2	1	0	0	1	12	0	0	1,298	8,890	13	11,486
Energy Audit	Audits	0	11	0	0	0	0	0	0	0	0	0	0	0	0
	Devices	0	7	10	613	0	4	6	194	0	25	9	0	194	35
Small Commercial Demand Response		-			_					4					
Small Commercial Demand Response (IHD)	Devices	0	0	6	6	0	0	0	0	0	0	0 4.636	0	0 231	0
Demand Response 3	Facilities	0	0	11	1			347	231			,			4,636
Business Program Total						108	878	749	697	504,363	3,493,967	1,816,881	1,452,767	1,979	17,104,619
Industrial Program	<u> </u>		_				1							-	<u> </u>
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	1	0	3	0	0	0	262	0	0	0	2,383,594	262	2,383,594
Retrofit	Projects	2	0	0	0	132	0	0	0	824,402	0	0	0	132	3,297,609
Demand Response 3	Facilities	0	1	1	1	0	0	417	417	0	0	9,487	0	417	9,487
Industrial Program Total						132	0	417	679	824,402	0	9,487	2,383,594	811	5,690,690
Home Assistance Program															
Home Assistance Program	Homes	0	175	539	288	0	16	43	15	0	157,580	396,853	156,537	73	1,414,301
Home Assistance Program Total						0	16	43	15	0	157,580	396,853	156,537	73	1,414,301
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			l .	L	1	0	0	0	0	0	0	0	0	0	0
Pro 2011 Programs completed in 2011						-									-
Electricity Retrofit Incentive Program	Projects	11	0	0	0	67	0	0	0	321,610	0	0	0	67	1,286,442
		1	0							4 					
High Performance New Construction	Projects	l		0	0	21	1	0	0	105,956	781	0	0	21	426,165
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 To	otal					87	1	0	0	427,566	781	0	0	88	1,712,607
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	359	0	0	0	0	359	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total	. rojects	l —				0	0	0	359	0	0	0	0	359	0
Adjustments to 2011 Verified Results							-25	0	0		-30,586	0	0	-25	-124,497
Adjustments to 2012 Verified Results								102	31			402,116	154,389	133	1,667,850
Adjustments to 2013 Verified Results									58				256,663	58	399,602
						558	1,033	588	1,147	2,577,808	4,146,039	2,676,132	5,424,251	3,228	33,038,059
Energy Efficiency Total						8	4	785	3,845	0	25	14,164	0	3,845	14,189
															•
Demand Response Total (Scenario 1)	Results Total					0	-25	102	88	0	-30,586	402,116	411,052	165	1,942,955
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified I						0 566	-25 1,013	102 1,476	5,080	2,577,808	-30,586 4,115,478	402,116 3,092,412	411,052 5,835,303	165 7,238	1,942,955 34,995,203
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified I OPA-Contracted LDC Portfolio Total (inc.	Adjustments)	nt the savings from	all active facilities	or devices	*Includes adjustme	566	1,013		1			402,116 3,092,412	5,835,303	7,238	34,995,203
Demand Response Total (Scenario 1) Adjustments to Previous Years' Verified I	Adjustments) s for each year represer	nt the savings from a	all active facilities	or devices		_	1,013 ts were issued	1,476	5,080	2,577,808	4,115,478	3,092,412			

Initiative	Unit		Incremental A	Activity ng within the s		Net Increi	et Verified Res mental Peak Der mand savings fr	nand Savings (I	kW)		cremental Energ	ity within the		(exclud	Program-to-Date Verified Progress to Target (excludes DR) 2014 Net Annual Peak 2011-2014 Net		
mudite	Oint	2011*	reporting pe	eriod) 2013*	2014	2011	pecified reporting	ng period) 2013	2014	2011	reporting pe	eriod) 2013	2014	Demand Savings (kW)	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	-87	14	42		-26	3	9		-50,213	5,577	17,180		-14	-149,765		
Conservation Instant Coupon Booklet	Items	59	0	7		0	0	0		1,966	0	168		0	8,200		
Bi-Annual Retailer Event	Items	584	0	0		1	0	0		15,573	0	0		1	62,291		
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0		
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0		
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0		
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0		
Consumer Program Total				•		-25	3	9		-32,675	5,577	17,348		-13	-79,274		
Business Program												<u> </u>			<u> </u>		
Retrofit	Projects	0	3	3		0	83	17		0	319,323	100,099		100	1,156,503		
Direct Install Lighting	Projects	1	3	1		1	1	1		3,239	2,790	2,522		3	24,218		
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0		
New Construction	Buildings	0	0	1		0	0	11		0	0	7,384		11	14,767		
Energy Audit	Audits	0	11	0		0	45	0		0	220,931	0		45	662,793		
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		-				1	130	29		3,239	543,044	110,004		158	1,858,281		
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	1	0		0	1	1		0	7,884	15,587		20	168,550		
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	1	1		0	7,884	15,587		20	168,550		
Home Assistance Program															<u> </u>		
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0		
Home Assistance Program Total				_		0	0	0		0	0	0		0	0		
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	riojects					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		
		0	0	0		0	0	0		-1,151	0	0		0	-4,602		
High Performance New Construction	Projects																
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		-1,151	0	0		0	-4,602		
Other	Projects	0	0	0		0	0	0		0	0	0		0	0		
Other Program Enabled Savings	Trojects						0	0		0		1 -			0		
Other Program Enabled Savings Time-of-Use Savings	Homes	0	0	0		0	U	U			0	0		0			
		0	0	0		0	0	0		0	0	0		0	0		
Time-of-Use Savings	Homes	l															
Time-of-Use Savings LDC Pilots Other Total	Homes	l				0 0	0	0		0 0	0	0		0	0		
Time-of-Use Savings LDC Pilots Other Total Adjustments to 2011 Verified Results	Homes	l				0	0	0		0	0	0		0 0 -25	0 0 -124,497		
Time-of-Use Savings LDC Pilots Other Total	Homes	l				0 0	0	0		0 0	0	0		0	0		

(reported cumulatively).

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

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.

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Table A-1: Persistence of 2011 results into future years

Consumer Program	Incremental Peak Demand Savings Energy Savings Demand Savings Energy Savings Demand Savings De				Persistence of			
Puman Saving (kW)	Demand Savings Consumer Program Consumer Prog							
Appliance Retirement 15 106,597 15 106,597 15 106,495 Appliance Exchange 4 4,184 4 4,184 1 1,730 Appliance Exchange 4 4,184 4 4,184 1 1,730 Conservation Instant 8 132,571 8 132,571 8 132,571 Coupon Booklet 8 132,571 8 132,571 8 132,571 Event 12 209,601 12 209,601 12 209,601 12 209,601 Event 12 209,601 12 209,601 12 209,601 Event Retailer Co-op Residential Demand Response Residential Demand Response Residential New Construction Business Program Retrofit 66 413,045 66 413,045 66 413,045 Direct Install Lighting 41 91,318 41 90,949 30 64,033 Building Commissioning New Construction Energy Audit Small Commercial Demand Response Bemand Response Bomand Response System Upgrades Monitoring & Targeting Forcess & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Fre-Zorli Programs completed in 2011 Electricity Program 67 321,610 67 321,610 67 321,610 Rich Profromance New Construction	Appliance Retirement 15 106,597 15 106,597 15 1 Appliance Exchange 4 4,184 4 4,184 1 HVAC Incentives 192 368,523 192 368,523 192 3 Conservation Instant 8 132,571 8 132,571 8 132,571 8 1 Coupon Booklet 8 132,571 8 132,571 8 132,571 8 1 Event 12 209,601 12 209,601 12 20,601 12 2 Event Retailer Co-op Residential Demand Response Residential Demand Response Residential New Construction Business Program Retrofit 66 413,045 66 413,045 66 430,045 66 64 630,		Demand Savings	Energy Savings	Demand Savings	Energy Savings	Demand Savings	Energy Savings
Appliance Exchange 4 4,184 4 4,184 1 1,730 HWAC Incentives 192 368,523 192 368,523 192 368,523 Conservation Instant 8 132,571 8 249,601 2 209,601 12 209,601 12 209,601 12 209,601 12 209,601 12 209,601 13 13,04	Appliance Exchange							
HVAC Incentives 192 368,523 192 368,523 192 368,523 192 368,523 192 368,523 Conservation Instant 8 132,571	HVAC Incentives 192 368,523 192 368,523 192 36 Conservation Instant 8 132,571 8 132,571 8 1 Conservation Instant 8 132,571 8 132,571 8 1 Bi-Annual Retailer 12 209,601 12 209,601 12 2 Event 12 209,601 12 2 Even	Appliance Retirement	15	106,597	15	106,597	15	106,495
Conservation Instant Coupon Booklet Bi-Annual Retailer 12 209,601 12 209,601 12 209,601 Event Retailer Co-op Retailer Co-op Retailer Co-op Residential Demand Response Residential Demand Response Residential New Construction Business Program Retrofit 66 413,045 66 413,045 66 413,045 Direct Install Lighting 41 91,318 41 90,949 30 64,033 Building Commissioning New Construction Energy Audit Small Commercial Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Fre-2011 Programs completed in 2011 Electricity, Retrofit Incentive Program Reprogram Retrofit 67 321,610 67 321,610 Retrofit 79,566 21 105,956 21 105,956 Retrofit 70,505 70,000 70,	Conservation Instant 8 132,571 8 132,571 8 132,571 8 1 1 2 Coupon Booklet 8 132,571 8 132,571 8 1 1 2 209,601 12 209,601 12 209,601	Appliance Exchange	4	4,184	4	4,184	1	1,730
Coupon Booklet 8 132,571 8 132,571 8 132,571 8 132,571 Bi-Annual Retailer Bi-Annual Retailer 12 209,601 12 209,601 12 209,601 Retailer Co-op Residential Demand Response Residential Demand Response Response Response Response Retrofit 66 413,045 66 413,045 66 413,045 Direct Install Lighting 41 91,318 41 90,949 30 64,033 Building Commissioning New Construction Energy Audit Small Commercial Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program Inchip Performance 21 105,956 21 105,956 21 105,956	Coupon Booklet 8 132,571 8 132,571 8 1 Bi-Annual Retailer Bi-Annual Retailer Event 12 209,601 12 209,601 12 2 Retailer Co-op Residential Demand Response Residential Demand Response Residential New Construction Building Commissioning New Construction Energy Audit Small Commercial Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 82 Energy Manager Retrofit 132 824,402 132 824,402 132 82 Energy Manager Retrofit 67 321,610 67 321,610 67 3 Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program 67 321,610 6	HVAC Incentives	192	368,523	192	368,523	192	368,523
Event 12 209,601 12 209,601 12 209,601 12 209,601 12 209,601 Retailer Co-op Restailer Co-op Residential Demand Response Residential Demand Response Residential New Construction	Event 12 209,601 12 209,601 12 2 2 2 2 2 3 3 2 2 3 3 3 3 4 3 2 8 3 4 3 2 8 3 4 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4		8	132,571	8	132,571	8	132,571
Residential Demand Response Residential New Construction Business Program Retrofit 66 413,045 66 413,045 66 413,045 Direct Install Lighting 41 91,318 41 90,949 30 64,033 Building Commissioning New Construction Energy Audit Small Commercial Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 HOME Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program Ingly Fordrame Power Construction 105,956 21 105,956 Process & 21 105,956 Program Pre-2011 Programs completed in 2011 Electricity Retrofit necentive Program Program Pre-2011 Programs completed in 2011 Programs Program Program 21 105,956 21 105,956	Residential Demand Response Residential New Construction Business Program Retrofit 66 413,045 66 413,045 66 4 Direct Install Lighting 41 91,318 41 90,949 30 6 Building Commissioning New Construction Energy Audit Small Commercial Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 82 Home Assistance Program Home Assistance Program Process and Program Process & Program Process & System Upgrades Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 3 High Performance 1 105,956 21 105,956 21 1		12	209,601	12	209,601	12	209,601
Residential New Construction Business Program Retrofit 66 413,045 66 413,04	Residential New Construction Business Program Retrofit 66 413,045 66 413,045 66 45 41 90,949 30 45 41 91,318 41 90,949 30 45 41 91,318 41 90,949 30 45 41 91,318 41 90,949 30 45 41 91,318 41 90,949 30 45 41 91,318 91,3							
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Retrofit 66 413,045 66 413,045 66 413,045 66 413,045 66 413,045 66 413,045 66 413,045 66 413,045 66 413,045 66 413,045 61	Retrofit 66 413,045 66 413,045 66 430,045 66 413,045 66 440,000 410,00							
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Energy Audit Small Commercial Demand Response Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Electricity Retrofit 67 321,610 67 321,610 67 321,610 Incentive Program High Performance New Construction 105,956 21 105,956 21 105,956	Energy Audit Small Commercial Demand Response Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 82 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 331,610 67							
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Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 321,610 Incentive Program High Performance New Construction 21 105,956 21 105,956	Monitoring & Targeting Energy Manager Retrofit 132 824,402 132 824,402 132 82 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 3 Incentive Program High Performance 21 105,956 21 105,956 21 1							
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Energy Manager Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program High Performance New Construction 21 105,956 21 105,956 21 105,956	Energy Manager Retrofit 132 824,402 132 824,402 132 8 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 3 Incentive Program High Performance 21 105,956 21 105,956 21 1							
Retrofit 132 824,402 132 824,402 132 824,402 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program High Performance New Construction 21 105,956 21 105,956 21 105,956	Retrofit 132 824,402 132 824,402 132 824,402 132 8 Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 3 Incentive Program High Performance 21 105,956 21 105,956 21 1							
Demand Response 3	Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 3 31,610 67 3 31,610 67 3 31,610 67 8 3 4 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4		122	024 402	122	024 402	122	024 402
Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program High Performance New Construction A 105,956	Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program 67 321,610 67 321,610 67 3 High Performance New Construction 21 105,956 21 105,956 21 1		132	624,402	132	024,402	132	624,402
Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit	Home Assistance Program Pre-2011 Programs completed in 2011 Electricity Retrofit							
Pregram Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program 67 321,610 67 321,610 67 321,610 High Performance New Construction 21 105,956 21 105,956 21 105,956	Pregram Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program 67 321,610 67 321,610 67 3 High Performance New Construction 21 105,956 21 105,956 21 1		ram					
Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program 67 321,610 67 321,610 67 321,610 High Performance New Construction 21 105,956 21 105,956 21 105,956	Pre-2011 Programs completed in 2011 Electricity Retrofit 67 321,610 67 321,610 67 3 Incentive Program High Performance 21 105,956 21 105,956 21 1 New Construction 1							
Electricity Retrofit 67 321,610 67 321,610 67 321,610 Incentive Program High Performance 21 105,956 21 105,956 21 105,956 New Construction New Construction 21 105,956 21 105,956	Electricity Retrofit 67 321,610 67 321,610 67 3 Incentive Program High Performance 21 105,956 21 105,956 21 1 New Construction							
Incentive Program 67 321,610 67	Incentive Program High Performance New Construction 105,956 105,956 105,956 105,956 105,956 105,956		inpietea in 2011					
High Performance 21 105,956 21 105,956 21 105,956 New Construction 21 105,956 21 105,956	High Performance 21 105,956 21 105,956 21 1 New Construction		67	321,610	67	321,610	67	321,610
New Construction 21 105,956 21 105,956 21 105,956	New Construction							
		•	21	105,956	21	105,956	21	105,956
	Totals 558 2,577,808 558 2,577,438 545 2,		FFO	2 577 000	FFO	2 577 420	F 4 F	2,547,967

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

		Persistence of	of 2012 results	
	20	13	20	14
	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)
Consumer Program				
Appliance Retirement	12	83,226	12	83,226
Appliance Exchange	3	5,724	3	5,724
HVAC Incentives	115	203,798	115	203,798
Conservation Instant		,	_	
Coupon Booklet	2	9,972	2	9,972
Bi-Annual Retailer				
Event	11	191,016	11	191,016
Retailer Co-Op				
Residential Demand				
Response				
(switch/pstat)				
Residential Demand				
Response (IHD)				
Residential New				
Construction				
Business Program				
Retrofit	663	2,793,928	635	2,700,043
Direct Install Lighting	157	527,343	155	517,848
Building				
Commissioning				
New Construction				
Energy Audit				
Small Commercial				
Demand Response				
(switch/pstat)				
Small Commercial				
Demand Response				
(IHD)				
Demand Response 3				
ndustrial Program				
Process & System				
Upgrades				
Monitoring &				
Targeting				
Energy Manager				
Retrofit				
Demand Response 3				
Home Assistance Prog	ram			
Home Assistance	16	157,580	16	157,580
Program		157,500	10	157,500
Pre-2011 Programs co	mpleted in 2011			
Electricity Retrofit				
ncentive Program				
High Performance	1	781	1	781
New Construction	<u>'</u>	/01	l 	/ 01
Totals	980	3,973,368	949	3,869,989

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

	Persistence of 201	
	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)
Consumer Program		
Appliance Retirement	8	52,368
Appliance Exchange	10	17,733
HVAC Incentives	120	219,437
Conservation Instant Coupon Booklet	4	54,973
Bi-Annual Retailer Event	8	122,532
Retailer Co-Op		
Residential Demand Response (switch/pstat)		
Residential Demand Response (IHD)		
Residential New Construction		
Business Program		
Retrofit	243	1,291,840
Direct Install Lighting	152	518,906
Building Commissioning		
New Construction	1	1,298
Energy Audit		
Small Commercial Demand Response (switch/pstat)		
Small Commercial Demand Response (IHD)		
Demand Response 3		
Industrial Program		
Process & System Upgrades		
Monitoring & Targeting		
Energy Manager		
Retrofit		
Demand Response 3		
Home Assistance Program		
Home Assistance Program	42	388,171
Totals	588	2,667,259

Table A-4: Persistence of 2011 adjustments into future years

Incremental Demand Sav (kW) Consumer Program Appliance Retirement Appliance Exchange HVAC Incentives Conservation Instant Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit			Persistence of 20			
Consumer Program Appliance Retirement Appliance Exchange HVAC Incentives Conservation Instant Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit	2012		20		20	
Appliance Retirement Appliance Exchange HVAC Incentives -26 Conservation Instant Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit		Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)
Appliance Retirement Appliance Exchange HVAC Incentives -26 Conservation Instant Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Appliance Exchange HVAC Incentives -26 Conservation Instant Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
HVAC Incentives -26 Conservation Instant Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response (IHD) Demand Response (IHD) Demand Response Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit		-50,213	-26	-50,213	-26	-50,213
Coupon Booklet Bi-Annual Retailer Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response (IHD) Demand Response System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Event Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit		1,966	0	1,966	0	1,966
Retailer Co-Op Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response (IHD) Demand Response (IHD) Demand Response Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit		45 572	4	15 572	4	15 572
Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit		15,573	1	15,573	1	15,573
Residential Demand Response (switch/pstat) Residential Demand Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
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Response (IHD) Residential New Construction Business Program Retrofit Direct Install Lighting 1 Building Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
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Commissioning New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit		3,239	1	2,163	1	2,163
New Construction Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Energy Audit Small Commercial Demand Response (switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
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(switch/pstat) Small Commercial Demand Response (IHD) Demand Response 3 Industrial Program Process & System Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
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Upgrades Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Monitoring & Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Targeting Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Energy Manager Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Retrofit Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Demand Response 3 Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Home Assistance Program Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Home Assistance Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Program Pre-2011 Programs completed in 20 Electricity Retrofit						
Pre-2011 Programs completed in 20 Electricity Retrofit						
Electricity Retrofit	11					
	• •					
Incentive Program						
High Performance						
New Construction 0		-1,151	0	-1,151	0	-1,151
Totals -25		-30,586	-25	-31,662	-25	-31,662

Table A-5: Persistence of 2012 adjustments into future years

	Persistence of 2012 adjustments								
	20		20						
	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)					
Consumer Program									
Appliance Retirement									
Appliance Exchange									
HVAC Incentives	3	5,577	3	5,577					
Conservation Instant									
Coupon Booklet									
Bi-Annual Retailer									
Event									
Retailer Co-Op									
Residential Demand									
Response									
(switch/pstat)									
Residential Demand									
Response (IHD)									
Residential New									
Construction									
Business Program									
Retrofit	83	319,323	83	317,658					
Direct Install Lighting	1	2,790	1	2,790					
Building									
Commissioning									
New Construction									
Energy Audit	44	218,369	44	218,369					
Small Commercial									
Demand Response									
(switch/pstat)									
Small Commercial									
Demand Response									
(IHD)									
Demand Response 3									
Industrial Program									
Process & System									
Upgrades									
Monitoring &									
Targeting	1	7.004	4	7.004					
Energy Manager Retrofit	1	7,884	1	7,884					
Demand Response 3	·m								
Home Assistance Progra	4111								
Home Assistance									
Program	400	FF0 040	400	EEC 080					
Totals	133	553,943 / the IESO.	132	552,278					

Table A-6: Persistence of 2013 adjustments into future years

	Persistence of 20	
	201	
	Incremental Peak Demand Savings (kW)	Incremental Energy Savings (kWh)
Consumer Program		
Appliance Retirement		
Appliance Exchange		
HVAC Incentives	9	17,180
Conservation Instant Coupon Booklet		
Bi-Annual Retailer Event		
Retailer Co-Op		
Residential Demand Response (switch/pstat)		
Residential Demand Response (IHD)		
Residential New Construction		
Business Program		
Retrofit	17	100,099
Direct Install Lighting	1	2,522
Building Commissioning		
New Construction	11	7,384
Energy Audit		
Small Commercial Demand Response (switch/pstat)		
Small Commercial Demand Response (IHD)		
Demand Response 3		
Industrial Program		
Process & System Upgrades		
Monitoring & Targeting		
Energy Manager	20	129,311
Retrofit		
Demand Response 3		
Home Assistance Program		
Home Assistance Program		
Totals	58	256,495

Appendix B. CDM results breakdown by rate class

Table B-1: Percentage allocation by rate class for 2011 results and adjustments

			GS 50 to		Unmetered Scattered	Sentinel	Street
Initiative	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Scattered Load	Sentinei Lighting	Street Lighting
Consumer Program			,	U		0 0	0 0
Appliance Retirement	100%						
Appliance Exchange	100%						
HVAC Incentives	100%						
Conservation Instant Coupon Booklet	100%						
Bi-Annual Retailer Event	100%						
Retailer Co-op	100%						
Residential Demand	100%						
Response Residential New Construction	100%						
Business Program							
Retrofit		100%					
Direct Install Lighting Building Commissioning		100%					
New Construction							
Energy Audit							
Small Commercial							
Demand Response							
Demand Response 3							
Industrial Program							
Process & System							
Upgrades Monitoring &							
Targeting							
Energy Manager							
Retrofit			100%				
Demand Response 3			10070				
Home Assistance Prog	gram						
Home Assistance							
Program	100%						
Pre-2011 Programs co	mpleted in 20)11					
Electricity Retrofit			100%				
Incentive Program			10070				
High Performance			100%				
New Construction			100 /0				

Source: Peterborough Distribution Inc.

Table B-2: Percentage allocation by rate class for 2012 results and adjustments

Initiative Consumer Program	Residential		GS 50 to		Scattered	Sentinel	Street
Consumer Program	Kesidentiai	GS < 50 kW	4,999 kW	Large Use	Load	Lighting	Lighting
Appliance Retirement	100%						
Appliance Exchange	100%						
HVAC Incentives	100%						
Conservation Instant Coupon Booklet	100%						
Bi-Annual Retailer Event	100%						
Retailer Co-Op Residential Demand	100%						
Response	100%						
(switch/pstat) Residential Demand Response (IHD)	100%						
Residential New Construction	100%						
Business Program							
Retrofit		86%	19%				
Direct Install Lighting		100%					
Building							
Commissioning							
New Construction							
Energy Audit		4%	96%				
Small Commercial							
Demand Response		100%					
(switch/pstat)							
Small Commercial							
Demand Response							
(IHD)							
Demand Response 3							
ndustrial Program							
Process & System							
Upgrades							
Monitoring &							
Targeting							
Energy Manager				100%			
Retrofit							
Demand Response 3							
Home Assistance Progr	ram						
Home Assistance	100%						
Program							
Pre-2011 Programs cor	mpleted in 20)11					
Electricity Retrofit							
Incentive Program							
High Performance			100%				
New Construction			10070				

Source: Peterborough Distribution Inc.

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

			GS 50 to		Unmetered Scattered	Sentinel	Street
Initiative	Residential	GS < 50 kW	4,999 kW	Large Use	Load	Lighting	Lighting
Consumer Program							
Appliance Retirement	100%						
Appliance Exchange	100%						
HVAC Incentives	100%						
Conservation Instant	1000/						
Coupon Booklet	100%						
Bi-Annual Retailer							
Event	100%						
Retailer Co-Op	100%						
Residential Demand	10070						
Response	100%						
(switch/pstat)	10070						
Residential Demand							
Response (IHD)	100%						
Residential New							
Construction	100%						
Business Program							
Retrofit		76%	15%				
Direct Install Lighting		100%					
Building							
Commissioning							
New Construction		100%					
Energy Audit							
Small Commercial							
Demand Response		100%					
(switch/pstat)							
Small Commercial							
Demand Response							
(IHD)							
Demand Response 3			100%				
Industrial Program							
Process & System							
Upgrades							
Monitoring &							
Targeting							
Energy Manager				100%			
Retrofit							
Demand Response 3			100%				
Home Assistance Prog	ram						
Home Assistance	100%						
Program	100 /0						

Table B-4: Percentage allocation by rate class for 2014 results

Initiative	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
Consumer Program							
Appliance Retirement	100%						
Appliance Exchange	100%						
HVAC Incentives	100%						
Conservation Instant	1000/						
Coupon Booklet	100%						
Bi-Annual Retailer							
Event	100%						
Retailer Co-Op	100%						
Residential Demand	10070						
Response	100%						
(switch/pstat)	10070						
Residential Demand							
Response (IHD)	100%						
Residential New							
Construction	100%						
Business Program							
Retrofit		41%	52%	1%			
Direct Install Lighting		100%					
Building							
Commissioning							
New Construction		67%	33%				
Energy Audit							
Small Commercial							
Demand Response		100%					
(switch/pstat)							
Small Commercial							
Demand Response							
(IHD)							
Demand Response 3			100%				
Industrial Program							
Process & System							
Upgrades							
Monitoring &							
Targeting							
Energy Manager				100%			
Retrofit							
Demand Response 3			100%				
Home Assistance Prog	ram						
Home Assistance Program	100%						

Table B-5: Estimates of load reductions included in load forecast for 2013 cost of service application

Forecast year	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Large Use kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW
2011							
2012							
2013 manual	4,293,238	1,636,493	12,600	1,679	24,135	29	220
2014 manual	4,293,238	1,636,493	12,600	1,679	24,135	29	220
2013 implicit	394,401	253,078	1,313				
2014 implicit	393,123	239,620	1,313				

Notes: The manual adjustment values are forecast lost load from the 2013 Cost of Service decision Settlement Table #7, p. 22, of the Decision and Order for EB-2012-0160, dated July 24, 2013.

The implicit adjustments are based on the assumption that the load forecast used in the 2013 COS was based on 2011 data that included half of the impact of 2011 CDM results that persisted into 2013 and subsequent years.

Forecasted lost revenues are calculated by multiplying the forecast load reductions by the relevant rate in the Rates worksheet

Where billing is in kW, forecast quantities are already kW-mo values so no multiplication by 12 is required

Table B-6: Impact of CDM on load by rate class for 2012

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Large Use kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW
Consumer Program	KVVII	NVVII	KVV	KYY	KVVII	KVV	KVV
Appliance Retirement	189,823						
Appliance Exchange	9,908						
HVAC Incentives	527,684						
Conservation Instant Coupon Booklet	144,510						
Bi-Annual Retailer Event	416,190						
Retailer Co-Op							
Residential Demand							
Response							
switch/pstat)							
Residential Demand							
Response (IHD) Residential New							
Construction							
Business Program							
Retrofit		3,254,640	1,784				
Direct Install Lighting		624,690					
Building							
Commissioning							
New Construction							
Energy Audit		8,604	518				
Small Commercial		,					
Demand Response		25					
switch/pstat)							
Small Commercial							
Demand Response							
IHD)							
Demand Response 3							
ndustrial Program							
Process & System							
Jpgrades [']							
Monitoring &							
Fargeting							
Energy Manager				10			
Retrofit			1,584	. 0			
Demand Response 3			.,501				
Home Assistance Progr	ram						
Home Assistance							
Program	157,580						
Pre-2011 Programs co	mpleted in 20	11					
Electricity Retrofit			001				
ncentive Program			801				
High Performance							
New Construction			252				
Total	1,445,695	3,887,960	4,939	10			

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocation in Table B-2 plus the persistence of results and adjustments from previous years in Tables A-1 and A-4 multiplied by the allocation in Table B-1. Monthly kW values are multiplied by 12 to provide annual load impacts.

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

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Large Use kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW
Consumer Program							
Appliance Retirement	242,191						
Appliance Exchange	27,641						
HVAC Incentives	764,300						
Conservation Instant							
Coupon Booklet	199,651						
Bi-Annual Retailer							
Event	538,722						
Retailer Co-Op							
Residential Demand							
Response	32						
switch/pstat)	32						
Residential Demand							
Response (IHD)							
Residential New							
Construction							
Business Program							
Retrofit		4,162,727	2,121				
Direct Install Lighting		1,144,865	2,.2.				
Building		.,,005					
Commissioning							
New Construction		8,682					
Energy Audit		8,505	512				
Small Commercial		2,2 2 2					
Demand Response		9					
(switch/pstat)							
Small Commercial							
Demand Response							
(IHD)							
Demand Response 3			1,042				
ndustrial Program							
Process & System							
Jpgrades ,							
Monitoring &							
Targeting							
Energy Manager				27			
Retrofit			1,584				
Demand Response 3			1,250				
Home Assistance Prog	ram						
Home Assistance							
Program	554,433						
Pre-2011 Programs co	mpleted in 20°	11					
Electricity Retrofit	-		0.01				
ncentive Program			801				
High Performance			252				
New Construction			252				
Total	2,326,970	5,324,787	7,560	27			

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocations in Table B-3 plus the persistence of results and adjustments from previous years in Tables A-1 to A-2 and A-4 to A-5 multiplied by the allocations in Table B-1 and B-2. Monthly kW values are multiplied by 12 to provide annual load impacts.

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

Initiative	Residential kWh	GS < 50 kW kWh	GS 50 to 4,999 kW kW	Large Use kW	Unmetered Scattered Load kWh	Sentinel Lighting kW	Street Lighting kW
Consumer Program							
Appliance Retirement	306,107						
Appliance Exchange	42,182						
HVAC Incentives	1,037,232						
Conservation Instant							
Coupon Booklet	400,308						
Bi-Annual Retailer	4 44 5 2 2 5						
Event	1,415,307						
Retailer Co-Op							
Residential Demand							
Response							
(switch/pstat)							
Residential Demand							
Response (IHD)							
Residential New							
Construction							
Business Program							
Retrofit		4,490,686	2,920	9			
Direct Install Lighting		1,550,178	2,320	,			
Building		1,550,170					
Commissioning							
New Construction		14,638	47				
Energy Audit		8,505	512				
Small Commercial		0,303	312				
Demand Response							
(switch/pstat)							
Small Commercial							
Demand Response							
(IHD)			604				
Demand Response 3			694				
Industrial Program							
Process & System Upgrades							
. 0							
Monitoring &							
Targeting				2 202			
Energy Manager			1 504	3,393			
Retrofit			1,584				
Demand Response 3			1,250				
Home Assistance Progr	ram						
Home Assistance	702,288						
Program							
Pre-2011 Programs co	mpleted in 20	11					
Electricity Retrofit			801				
ncentive Program			551				
High Performance			252				
New Construction							
Total	3,903,424	6,064,006	8,060	3,402			

Note: Values are the product of the results by program from Table 1 plus adjustments from Table 2 multiplied by the allocations in Table B-4 plus the persistence of results and adjustments from previous years in Tables A-1 to A-6 multiplied by the allocations in Table B-1 to B-3. Monthly kW values are multiplied by 12 to provide annual load impacts.

Appendix C. Lost revenue

Table C-1: Distribution rates that impact lost revenue for each rate class

Rate class	Billing unit	2011	2012	2013	2014
Residential	kWh	0.0113	0.0111	0.0115	0.0122
GS < 50 kW	kWh	0.0087	0.0086	0.0085	0.0085
GS 50 to 4,999 kW	kW	2.3791	2.3626	2.4698	2.6536
Large Use	kW	0.7141	0.7031	0.7036	0.7201
Unmetered Scattered Load	kWh	0.1435	0.1430	0.0855	0.0082
Sentinel Lighting	kW	17.4256	17.3121	10.9374	2.4324
Street Lighting	kW	12.7943	12.6198	12.6184	12.8818

Notes: Distribution rates are from OEB approved rate schedules averaged from the rate year to the calendar year. Only the Distribution Volumetric Rate, the Rate Rider for Tax Change, and the Rate Rider for Distribution Volumetric Rate Implementation Deferral (in 2013-2014) are used.

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

				GS 50 to		Unmetered Scattered	Sentinel	Street
Year	Component of lost revenue	Residential	GS < 50 kW	4,999 kW	Large Use	Load	Lighting	Lighting
2012	Current year load losses	1,445,694.57	3,887,959.79	4,938.62	10.26			
	Forecast load losses							
	Net load losses	1,445,694.57	3,887,959.79	4,938.62	10.26			
	Revenue impact (\$)	16,047.21	33,436.45	11,667.98	7.21			
2013	Current year load losses	2,326,970.08	5,324,787.36	7,560.33	27.20			
	Forecast load losses	4,687,638.85	1,889,571.29	13,913.44	1,679.00	24,135.00	29.00	220.00
	Net load losses	-2,360,668.77	3,435,216.06	-6,353.11	-1,651.80	-24,135.00	-29.00	-220.00
	Revenue impact (\$)	-27,147.69	29,199.34	-15,690.92	-1,162.20	-2,063.54	-317.18	-2,776.05
2014	Current year load losses	3,903,423.74	6,064,006.24	8,060.42	3,402.19			
	Forecast load losses	4,686,361.08	1,876,113.37	13,913.44	1,679.00	24,135.00	29.00	220.00
	Net load losses	-782,937.33	4,187,892.87	-5,853.02	1,723.19	-24,135.00	-29.00	-220.00
	Revenue impact (\$)	-9,551.84	35,597.09	-15,531.58	1,240.87	-197.91	-70.54	-2,834.00
Total	Revenue impact (\$)	-\$20,652.32	\$98,232.88	-\$19,554.51	\$85.88	-\$2,261.45	-\$387.72	-\$5,610.04

Load losses are from Tables B-6 to B-8 and include persistence from previous years Forecast losses are from Table B-5 Notes:

Revenue impact is net load loss multiplied by distribution rates from Table C-1

Table C-3: Monthly carrying charges by rate class

					Unmetered		
	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Scattered Load	Sentinel Lighting	Street Lighting
Jan-12			,			0 0	0 0
Feb-12	\$1.64	\$3.41	\$1.19	\$0.00			
Mar-12	\$3.28	\$6.83	\$2.38	\$0.00			
Apr-12	\$4.91	\$10.24	\$3.57	\$0.00			
Opening balance for							
rate year 2012	\$9.83	\$20.48	\$7.15	\$0.00			
May-12	\$6.55	\$13.65	\$4.76	\$0.00			
Jun-12	\$8.19	\$17.07	\$5.96	\$0.00			
Jul-12	\$9.83	\$20.48	\$7.15	\$0.00			
Aug-12	\$11.47	\$23.89	\$8.34	\$0.01			
Sep-12	\$13.11	\$27.31	\$9.53	\$0.01			
Oct-12	\$14.74	\$30.72	\$10.72	\$0.01			
Nov-12	\$16.38	\$34.13	\$11.91	\$0.01			
Dec-12	\$18.02	\$37.55	\$13.10	\$0.01			
Jan-13	\$19.66	\$40.96	\$13.10	\$0.01			
Feb-13	\$16.89	\$43.94	\$14.29	-\$0.11	-\$0.21	-\$0.03	-\$0.28
Mar-13	\$14.12	\$46.92	\$12.09	-\$0.11	-\$0.21	-\$0.03	-\$0.20
Apr-13	\$11.34	\$49.90	\$9.49	-\$0.23	-\$0.42 -\$0.63	-\$0.00	-\$0.37
Opening balance for	\$11.54	\$49.90	\$3.43	-\$0.55	-\$0.03	-\$0.10	-\$0.03
rate year 2013	\$170.12	\$407.00	\$126.17	-\$0.63	-\$1.26	-\$0.19	-\$1.70
May-13	\$8.57	\$52.88	\$7.89	-\$0.47	-\$0.84	-\$0.13	-\$1.13
Jun-13	\$5.80	\$55.86	\$6.28	-\$0.58	-\$1.05	-\$0.16	-\$1.42
Jul-13	\$3.03	\$58.84	\$4.68	-\$0.70	-\$1.26	-\$0.19	-\$1.70
Aug-13	\$0.26	\$61.83	\$3.08	-\$0.82	-\$1.47	-\$0.23	-\$1.98
Sep-13	-\$2.51	\$64.81	\$1.48	-\$0.94	-\$1.69	-\$0.26	-\$2.27
Oct-13	-\$5.28	\$67.79	-\$0.12	-\$1.06	-\$1.90	-\$0.29	-\$2.55
Nov-13	-\$8.06	\$70.77	-\$1.72	-\$1.18	-\$2.11	-\$0.32	-\$2.83
Dec-13	-\$10.83	\$73.75	-\$3.33	-\$1.30	-\$2.32	-\$0.36	-\$3.12
Jan-14	-\$13.60	\$76.73	-\$4.93	-\$1.41	-\$2.53	-\$0.39	-\$3.40
Feb-14	-\$14.57	\$80.36	-\$6.51	-\$1.29	-\$2.55	-\$0.40	-\$3.69
Mar-14	-\$15.55	\$84.00	-\$8.10	-\$1.16	-\$2.57	-\$0.40	-\$3.98
Apr-14	-\$16.52	\$87.63	-\$9.68	-\$1.03	-\$2.59	-\$0.41	-\$4.27
Opening balance for							
rate year 2014	\$100.86	\$1,242.24	\$115.19	-\$12.58	-\$24.14	-\$3.73	-\$34.04
May-14	-\$17.50	\$91.26	-\$11.27	-\$0.91	-\$2.61	-\$0.42	-\$4.56
Jun-14	-\$18.47	\$94.90	-\$12.86	-\$0.78	-\$2.63	-\$0.42	-\$4.85
Jul-14	-\$19.45	\$98.53	-\$14.44	-\$0.65	-\$2.65	-\$0.43	-\$5.14
Aug-14	-\$20.42	\$102.17	-\$16.03	-\$0.53	-\$2.67	-\$0.44	-\$5.43
Sep-14	-\$21.40	\$105.80	-\$17.61	-\$0.40	-\$2.69	-\$0.45	-\$5.72
Oct-14	-\$22.37	\$109.43	-\$19.20	-\$0.27	-\$2.71	-\$0.45	-\$6.00
Nov-14	-\$23.35	\$113.07	-\$20.78	-\$0.15	-\$2.73	-\$0.46	-\$6.29
Dec-14	-\$24.32	\$116.70	-\$22.37	-\$0.02	-\$2.75	-\$0.47	-\$6.58
Jan-15	-\$25.30	\$120.34	-\$23.95	\$0.11	-\$2.77	-\$0.47	-\$6.87
Feb-15	-\$25.30	\$120.34	-\$23.95	\$0.11	-\$2.77	-\$0.47	-\$6.87
Mar-15	-\$25.30	\$120.34	-\$23.95	\$0.11	-\$2.77	-\$0.47	-\$6.87
Apr-15	-\$18.93	\$90.05	-\$17.92	\$0.08	-\$2.07	-\$0.36	-\$5.14
Opening balance for							
rate year 2015	-\$161.26	\$2,525.16	-\$109.15	-\$15.90	-\$55.95	-\$9.06	-\$104.37
May-15	-\$18.93	\$90.05	-\$17.92	\$0.08	-\$2.07	-\$0.36	-\$5.14
Jun-15	-\$18.93	\$90.05	-\$17.92	\$0.08	-\$2.07	-\$0.36	-\$5.14
Jul-15	-\$10.93	\$90.05	-\$17.92 -\$17.92	\$0.08	-\$2.07 -\$2.07	-\$0.36	-\$5.14 -\$5.14
Aug-15	-\$18.93	\$90.05	-\$17.92	\$0.08	-\$2.07	-\$0.36	-\$5.14
Sep-15	-\$18.93	\$90.05	-\$17.92 -\$17.92	\$0.08	-\$2.07 -\$2.07	-\$0.36	-\$5.14 -\$5.14
Oct-15	-\$10.93	\$90.05	-\$17.92 -\$17.92	\$0.08	-\$2.07 -\$2.07	-\$0.36	-\$5.14 -\$5.14
Nov-15	-\$16.93 -\$18.93	\$90.05	-\$17.92 -\$17.92	\$0.08	-\$2.07 -\$2.07	-\$0.36 -\$0.36	-\$5.14 -\$5.14
Dec-15	-\$16.93 -\$18.93	\$90.05	-\$17.92 -\$17.92	\$0.08	-\$2.07 -\$2.07	-\$0.36 -\$0.36	-\$5.14 -\$5.14
Jan-16	-\$16.93 -\$18.93	\$90.05	-\$17.92 -\$17.92	\$0.08	-\$2.07 -\$2.07	-\$0.36 -\$0.36	-\$5.14 -\$5.14
Feb-16		\$90.05					
Mar-16	-\$18.93 \$18.02	\$90.05 \$90.05	-\$17.92 \$17.92	\$0.08	-\$2.07	-\$0.36 -\$0.36	-\$5.14 -\$5.14
Apr-16	-\$18.93		-\$17.92	\$0.08	-\$2.07		
	-\$18.93	\$90.05	-\$17.92	\$0.08	-\$2.07	-\$0.36	-\$5.14
Total to April 30,	-\$388.43	\$3,605.72	-\$324.25	-\$14.95	-\$80.83	-\$13.32	-\$166.08
2016		*			· · · · · · · · · · · · · · · · · · · ·		

Notes: Carrying charges are simple interest (not compound) calculated using rates specified by the OEB.http://www.ontarioenergyboard.ca/OEB/Industry/Rules+and+Requirements/Rules+Codes+Guidelines+and+Forms/Pres

Annual savings are assumed to be distributed equally over the year and carrying charges are applied to the balance in the account each month.



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