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Monday, September 26, 2016

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

Attention: Kirsten Walli, Board Secretary

Dear Ms. Walli:

**Re: North Bay Hydro Distribution Ltd. – Application for 2017 Electricity Distribution Rates
EB-2016-0214**

North Bay Hydro Distribution Ltd. (“NBHDL”) is pleased to submit to the Ontario Energy Board (the “Board”) its 2017 electricity distribution rate application in accordance with the Board’s *Filing Requirements for Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications* as issued July 14, 2016 under the 4th Generation Incentive Rate-setting plan under the Price Cap IR method.

In a letter dated July 14, 2016, the Board identified NBHDL as one of the distributors on the 2017 IRM schedule, grouped into Tranche 2, with a filing deadline of September 26, 2016. The filing requirements indicate that each application should include:

- A Manager’s Summary documenting and explaining all rate adjustments applied for;
- The primary contact information for the IRM application;
- A completed Rate Generator model and supplementary work forms as provided by the Board, both in electronic (i.e. Excel) and PDF form;
- A PDF copy of the current Tariff Sheet;
- Supporting documentation cited within the application;
- A statement as to who will be affected by the application;
- A statement confirming the accuracy of the billing determinates for pre-populated models; and
- A text-searchable Adobe PDF format for all documents.

The completed 2017 Rate Generator Model and Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form are attached along with supporting documentation, tariff sheets and bill impact information. The Manager’s Summary for NBHDL’s 2017 rate application is also attached to this letter.

This Application will affect all ratepayers in NBHDL’s service territory.

The primary contact for this application is Melissa Casson, Regulatory Manager. Contact details are below.

If directed by the Board, NBHDL proposes to publish the Notice of Application in the following publication:

The North Bay Nugget
259 Worthington West
North Bay, ON P1B 3B4

NBHDL's 2017 electricity distribution rate application will be sent to the Board in the following form:

- (a) Electronic filing through the Board's web portal, consisting of one (1) electronic copy of the application in text-searchable / unrestricted Adobe PDF format and one (1) electronic copy in Microsoft Excel format of the completed Rate Generator Model, the completed LRAMVA Work Form and the final CDM evaluation reports from the IESO; and
- (b) Two (2) paper copies of the application, including the Manager's Summary, the Rate Generator Model and the LRAMVA Work Form.

NBHDL would be pleased to provide any further information or details that the Board may require relative to this application.

Yours truly,

Original signed by

Melissa Casson, CPA, CGA
Regulatory Manager
North Bay Hydro Distribution Limited
(705) 474-8100 (300)
mcasson@northbayhydro.com

CERTIFICATE OF EVIDENCE

As President and Chief Operating Officer of North Bay Hydro Distribution Ltd. I certify that to the best of my knowledge the evidence filed in NBHDL's 2017 4th Generation Incentive Rate-setting Mechanism, Price Cap IR application is accurate, complete and consistent with the filing requirements of Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications revised on July 14, 2016. I also confirm the accuracy of the billing determinants for pre-populated models.

Todd Wilcox

Original signed by

President and Chief Operating Officer

APPLICATION

North Bay Hydro Distribution Ltd. (“NBHDL”) is a licensed electricity distributor (ED-2003-0024) that owns and operates the electricity distribution system that provides service to the City of North Bay. NBHDL charges its customers distribution rates and other charges as authorized by the Ontario Energy Board (the “Board”). In this application, NBHDL is applying for rates and other charges effective May 1, 2017. This Application will affect all ratepayers in NBHDL’s service territory. NBHDL 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. In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2017, NBHDL requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until such time as the 2017 rates are approved. In the event that the effective date does not coincide with the Board’s decided implementation date for 2017 Distribution Rates and Charges, NBHDL requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

NBHDL filed a comprehensive Cost of Service (“COS”) rebasing application for the 2015 Test Year (EB-2014-0099) with interim rates set July 1, 2015 and final rates effective December 1, 2015. Subsequent to that NBHDL filed its first application under the Board’s 4th Generation Incentive Rate-making Mechanism (IRM4), under the Price Cap IR method. The 2016 IRM application (EB-2015-0092) was submitted March 23, 2016 with rates set May 1, 2016. A copy of NBHDL’s current Tariff of Rates and Charges, for rates effective and implemented May 1, 2016, is included as Appendix “A”. Accordingly, this is NBHDL’s second application under the Board’s 4th Generation Incentive Rate-making Mechanism (IRM4), under the Price Cap IR method. NBHDL has prepared the application in accordance with the Board’s *Filing Requirements for Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications* (the “Filing Requirements”) as issued July 14, 2016 and has adhered to Filing Instructions provided in the Board’s 2017 IRM Rate Generator Model Version 1.3, which incorporates the Retail Transmission Service Rates (“RTSR”) model and the Tax Sharing model, referred to collectively as the “Model”. The completed 2017 IRM Rate Generator Model, in PDF format, is included as Appendix “D”. NBHDL understands that Staff will update the Model for updated Retail Transmission Service Rates and parameters for determining the Annual Adjustment Mechanism when established by the Board. NBHDL has also completed the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form (“LRAMVA WF”) in accordance with Filing Instructions provided in the Work Form. The completed LRAMVA WF, in PDF format, is included as Appendix “E”.

Specifically, NBHDL's application hereby applies for an Order or Orders approving distribution rates updated and adjusted in accordance with the Chapter 3 Requirements as follows:

- An Annual Adjustment Mechanism of 1.8% applied to existing distribution rates. The adjustment is determined by the OEB's calculated inflation factor for incentive rate setting under the Price Cap IR Price Escalator of 2.1%, reduced by the Productivity Factor of 0%, and reduced further by the Stretch Factor Value of 0.3% (Group III values);
- Adjust the fixed and variable rates for the Residential service classification in accordance with Section 3.2.3 of the Filing Requirements. The proposed change entails increasing the fixed service charge by \$3.31 per month including the annual adjustment under this IRM application, and decreasing the variable charge by \$.0035/kWh. This application includes the second of four annual adjustments in order to have residential customers on a fully fixed distribution rate by the year 2020;
- The continuation of the Low Voltage Service Rates as approved in the 2014 COS Application (EB-2014-0099);
- Proposed new Rate Riders for the Global Adjustment Sub-Account (2017) – effective until April 30, 2018;
- Proposed new Rate Riders for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018;
- The continuation of Rate Riders for the disposition of Accounts 1575 and 1576 – effective until June 30, 2017;
- Proposed new Rate Rider for Recovery of LRAM Variance Account – effective until April 30, 2018;
- 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);
- The continuation of the Wholesale Market Service Rate, Rural Rate Protection Charge, and the Ontario Electricity Support Program Charge. NBHDL expects that any changes to the Rural Rate Protection charge, as a result of Provincial government directives, will be updated and incorporated into the Model by Staff as information becomes available; and
- The continuation of the Standard Supply Service Charge, Specific Service Charges, microFIT Service Charge, Retail Service Charges, Transformation and Primary Metering Allowances, the Smart Metering Entity Charge and Loss Factors as approved in the 2014 COS Application (EB-2014-0099).

MANAGER'S SUMMARY

For purposes of the 2017 Price Cap IR Application, NBHDL has relied upon the following OEB issued documents and guidelines:

- Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications*, updated on July 14, 2016 (“Filing Guidelines”);
- *Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2012-0410)*;
- *Report of the Board on Electricity Distributors’ Deferral and Variance Account Review (EDDVAR) – July 31, 2009*
- Guideline (G-2008-0001) on *Retail Transmission Service Rates – October 22, 2008* (Revision 4.0, June 28, 2012) known as (“RSTR Guidelines”).

This Manager’s Summary will address the following items:

- 1) Annual Adjustment Mechanism
- 2) Revenue to Cost Ratio Adjustment
- 3) Rate Design for Residential Electricity Customers
- 4) Retail Transmission Service Rates
- 5) Disposition of Deferral and Variance Account Balances
 - a. Wholesale Market Participants
 - b. Global Adjustment – Settlement Process
 - c. Global Adjustment - Class A Participants
- 6) LRAM Variance Account (LRAMVA)
- 7) Tax Changes
- 8) Z-Factor Claim / ICM Claim
- 9) Treatment of Costs for ‘eligible investments’
- 10) Conservation and Demand Management Costs
- 11) Off-ramps
- 12) Low Voltage Service Charges
- 13) Rate Rider – Accounts 1575 & 1576
- 14) Bill Impacts

Appendices are as follows:

- Appendix A Current Tariff of Rates and Charges
- Appendix B Proposed Tariff of Rates and Charges
- Appendix C Proposed Bill Impacts
- Appendix D 2017 IRM Rate Generator Model

- Appendix E 2017 LRAMVA Work Form
- Appendix F IndEco – 2013a – 2014 LRAMVA Report
- Appendix G 2015 RRR Filing 2.1.5.4 – Demand and Revenue

1) Annual Adjustment Mechanism

The annual adjustment mechanism indexes distribution base rates to reflect expected increases in a distributors' input prices (the inflation factor) less an adjustment to reflect appropriate rates of productivity and an efficiency incentive (the X-factor).

The inflation factor to be used in determining the annual adjustment mechanism is set at 2.1% and the OEB has determined that the appropriate value for the productivity factor is zero. In the report issued to the Board by Pacific Economics Group Research, LLC ("PEG") titled *Empirical Research in Support of Incentive Rate-Setting: 2015 Benchmarking Update* NBHDL was ranked in the 3rd efficiency grouping which provides for an efficiency incentive of .3%. NBHDL has used this as a proxy for the calculation.

NBHDL has applied a 1.8% adjustment to the fixed service charge and distribution variable rate of all customer rate classes. NBHDL understands that the Board will update NBHDL's Model when the final parameters are established by the Board.

2) Revenue-to-Cost Ratio Adjustments

NBHDL's 2014 COS (EB-2014-0099) approved revenue-to-cost ratios were within the Board's target ranges and a phase in period was not proposed or required. Accordingly, NBHDL is not seeking Board authorization to change existing ratios. The approved ratios for each class are as follows:

TABLE 1 – APPROVED REVENUE/COST RATIOS

Class	Approved Revenue-to-Cost Ratio	Board Target Low	Board Target High
Residential	100.4%	85.0%	115.0%
General Service < 50 kW	110.2%	80.0%	120.0%
General Service > 50 to 2,999 kW	87.0%	80.0%	120.0%
General Service > 3,000 to 4,999 kW	98.1%	80.0%	120.0%
Street Lighting	120.0%	70.0%	120.0%
Sentinel Lighting	111.8%	80.0%	120.0%
Unmetered and Scattered Load	120.0%	80.0%	120.0%

3) 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-2014-0210)*, which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers. This will be

implemented over a period of four years, beginning in 2016. NBHDL is proposing changes to residential rates consistent with this policy and is proposing the second of four annual shifts in the fixed/variable split. The adjustment to fixed / variable cost ratios for Residential customers results in a change from 68.3% / 31.7% in 2016, to 78.9% / 21.1% in 2017 (fixed / variable).

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. NBHDL completed Tab “16. Rev2Cost_GDPIPI” of the Model to determine the proposed residential fixed and variable rates using the Board’s approach of the four-year transition to fully fixed rates. This change entails increasing the fixed charge by \$2.92 and decreasing the variable charge by \$.0036/kWh in the 2017 rate year. The annual price cap rate adjustment is then calculated for a total increase of \$3.31 to the fixed service charge and a decrease to the variable charge of \$.0035/kWh. The proposed increase in the fixed rate is below \$4.00 per month.

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. NBHDL extracted monthly consumption for the full year 2015 for each residential customer. Customers that did not have a full 12 months of consumption were excluded from the analysis. NBHDL calculated the average kWh/month and further excluded all customers with less than an average 50 kWh/month. NBHDL sorted the remaining data set of 18,152 records in ascending order based on average monthly consumption per customer. The 10th consumption percentile of this data set was determined to be the 1,815th record and the average consumption of this customer was 294 kWh/month; this became the “ceiling” for the lowest 10th percentile. The total bill impact for a residential customer with consumption of 294 kWh is an increase of \$1.88 or 2.68%. The proposed increase in the fixed rate is below a 10% total bill impact per month.

NBHDL has met both thresholds set out in the Filing Requirements thus a four year transition period is adequate and an extension to the transition period is not required.

4) Retail Transmission Service Rates

NBHDL is charged retail transmission service rates by both the Independent Electricity System Operator (“IESO”) and by Hydro One Networks (“HON”) and in turn has established approved rates to charge customers in order to recover these expenses.

Retail Transmission Service Rates (“RTSR”) are to be adjusted based on a comparison of historical transmission costs adjusted for new Uniform Transmission Rates (“UTR”) levels and revenues generated from existing RTSRs. NBHDL referred to the Board’s Guideline *G-2008-0001 - Electricity Distribution Retail Transmission Service Rates, Revision 4.0* – issued June 28, 2012 - in preparing its application and the model reflects the approach expected to minimize variances in USoA Accounts 1584 (Network) and 1586 (Connection).

NBHDL confirms that the rates entered in “10. RTSR Current Rates” of the Model are taken from the most recent Board-approved Tariff of Rates and Charges (EB-2015-00092). A copy of the Tariff can be found in Appendix “A”. NBHDL also confirms the accuracy of the billing determinants included in this tab as those found in NBHDL’s most recently reported RRR filing; the 2015 annual filing, E2.1.5.4 –Demand and Revenue (see Appendix “G”). NBNDL further confirms the loss factor applied to the metered kWh which can also be found in NBHDL’s current Tariff in Appendix “A”.

Billing determinants in Tab “12. RTSR – Historical Wholesale” are based on NBHDL’s actual 2015 costs from the IESO and from Hydro One invoices for Trout Lake TS and North Bay TS. In order to obtain the kW values shown, the billed amounts by category were divided by the UTR applicable in the invoice period.

NBHDL understands that once January 1, 2017 UTR and sub-transmission rates are determined, the Board will adjust NBHDL’s Model to incorporate this change.

5) Deferral and Variance Account Rider

The *Report of the Board on Electricity Distributors’ Deferral and Variance Account Review Report* (the “EDDVAR Report”) provides that during the IRM term, distributor’s Group 1 audited account balances will be reviewed and disposed if the preset disposition threshold of \$.001 per kWh (debit or credit) is exceeded. Consistent with a letter from the OEB on July 25, 2015, distributors may now elect to dispose Group 1 account balances below the threshold.

In the 2016 IRM (EB-2014-0099), the Board approved disposition of the balance in Account 1589 of \$950,051 over a one year period to be collected from Non-RPP Class B customers. The board also reviewed the Group 1 accounts and ordered that the balances be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595 for future disposition. In accordance with the Decision and Order, NBHDL transferred Group 1 Account balances as of December 31, 2014, with interest projected to April 30, 2016 to Account 1595 as shown in Table 2.

TABLE 2 – 2016 DISPOSITION OF GROUP 1 BALANCES

Group 1 Accounts:	Principal	Interest	Total
1550 - Low Voltage	14,179	345	14,523
1551 - SME	(86)	25	(61)
1580 - WMS	13,881	3,986	17,867
1584 - Network	34,402	1,040	35,442
1586 - Connection	90,615	2,290	92,905
1588 - Power	(172,148)	(2,873)	(175,021)
Group 1 Disposition	(19,157)	4,812	(14,344)

NBHDL has completed Tab “3. Continuity Schedule” of the Model and has reconciled December 31, 2015 audited balances with the April 30, 2016 RRR filing. The variance in cell “BV23” is a result of reclassifying the costs for Capacity Based Recovery (“CBR”). The 2015 RRR filing included these costs in Account 1580, however, the costs have been segregated in the appropriate sub-accounts for Class A and Class B in the Model. NBHDL would also note that in columns “BM” and “BN” for Account 1568, there are immaterial adjustments totaling \$2,217; these were minor adjustments made to the LRAMVA amounts to reconcile to final IESO results. NBHDL confirms that no additional adjustments have been made to any deferral or variance account balances that have been previously approved by the OEB on a final basis.

NBHDL confirms the accuracy of the billing determinants included in Tab “4. Billing Det. for Def-Var” as those found in NBHDL’s most recently reported RRR filing, E2.1.5.4 – Demand and Revenue (see Appendix “G”).

The total claim balance in the Group 1 accounts (Accounts 1550, 1551, 1580, 1584, 1586, 1588, and 1589) is (\$691,352) which leads to a threshold test value of (\$.0013/kWh) which exceeds the materiality threshold of +/-\$.001/kWh as defined in the Filing Requirements. The total claim balance is driven primarily by the balance owing to customers in RSVA – Wholesale Market Service Charge (1580) of (\$1,078,441) and the balance owing from customers in RSVA – Global Adjustment (1589). NBHDL notes that the total claim balance does not include the sub-account CBR Class B amount included on the continuity schedule of \$131,509. NBHDL addresses the proposed disposition of Account 1568 in Section 6) LRAM Variance Account (LRAMVA) of the Manager’s Summary.

NBHDL is proposing to dispose of the balance of (\$1,343,920) in Accounts 1550, 1551, 1580, 1584, 1586, and 1588 and the balance of \$131,509 in sub-account 1580 – CBR Class B over a one year period commencing May 1, 2017 and carrying charges have been calculated from

January 1, 2016 to April 30, 2017 at the Board’s prescribed interest rate of 1.10%. The amount will be refunded to all customers. NBHDL notes that the CBR Class A costs are not included in the requested disposition amounts as this cost will be adjusted directly on the Class A customer account.

NBHDL served one (1) Class A participant beginning July 1, 2015. As this customer was considered a Class B participant from January through June 2015, NBHDL has input the applicable data in Tabs “6. GA Calculation” and “6.a GA allocation_Class A” in order for the Model to generate the appropriate proposed Global Adjustment - Class B rate rider. The new Class A customer’s former Class B consumption, during the period of January through June 2015, accounted for 3.81% of the total Class B consumption. This ratio resulted in a GA variance amount of \$19,824 being attributed to this customer. NBHDL is proposing to dispose of this GA amount in twelve (12) monthly equal payments of \$1,652. The total claim amount for Account 1589 has been adjusted to reflect the portion of consumption for the former Class B customer and NBHDL is proposing to dispose of the balance of \$500,735 in Account 1589 over a one year period commencing May 1, 2016. Carrying charges have been calculated from January 1, 2016 to April 30, 2017 at the Board’s prescribed interest rate of 1.10%. The amount will be collected from Non-RPP Class B customers.

In accordance with *Accounting Guidance – Capacity Based Recovery* issued by the Board July 25, 2016, NBHDL has segregated Class A and Class B costs into the sub-accounts of 1580. The following table provides the cost allocation breakdown of the sub-account for Class B and the proposed rate riders by class. Consistent with the allocation of Account 1580-WMS, NBHDL has utilized the 2015 RRR billing determinants for kWh to allocate the costs to each class for rate rider calculation purposes.

TABLE 3 – ACCT 1580 WMS - SUB-ACCOUNT CBR-CLASS B DISPOSITION

Rate Class	Unit	Total Metered		CBR-Class B			
		kWh	kW	Allocation (kWh)	CBR - Class B Claim	CBR-Class B Allocation (\$)	Proposed Rate Riders
Total Claim - Class B - CBR					\$ 131,508.93		
Residential	kWh	196,730,101	-	39.4%		\$ 51,848.23	0.0003
GS<50 kW	kWh	83,568,205	-	16.7%		\$ 22,024.40	0.0003
GS 50 TO 2,999 kW	kW	216,238,874	537,897	43.3%		\$ 56,989.76	0.1059
UMSL	kWh	42,934	-	0.0%		\$ 11.32	0.0003
Sentinel Lighting	kW	373,881	1,034	0.1%		\$ 98.54	0.0953
Street Lighting	kW	2,036,369	5,690	0.4%		\$ 536.69	0.0943
Totals		498,990,364	544,621	100%		\$ 131,508.93	

NBHDL understands that the treatment of the CBR costs are to be handled differently as the CBR recovery is allocated in the same manner as Global Adjustment (i.e.; recovering peak capacity-related costs in a manner that is tied to the contribution of various consumers to peak-capacity resources). NBHDL has proposed rate riders that take this segregation into consideration, however, for the purposes of implementing these rate riders NBHDL proposes to include these costs in the overall calculation of the DVA rate rider for Group 1 account balances in order to minimize administrative costs and maintain billing efficiency. NBHDL only has one Class A customer and this allows ease in segregating costs and variances related to Class B. NBHDL believes it to be more cost effective to set-up one rate rider for Group 1 balances rather than maintain two separate rate riders in the system for the segregation of one customer. NBHDL's position is that it is burdensome to the utility and of no value to the customer to have an additional Deferral/Variance Accounts rate rider. NBHDL has no preference as to whether the costs for the sub-account Class B are transferred to the WMS Control account for disposition (similar to the treatment for utilities that do not serve Class A customers) or kept segregated with the proper documentation and continuity schedules providing detailed calculations on rate rider determination. Table 4 below provides the proposed rate riders by class should the Board determine that one rate rider is an acceptable disposition proposal.

TABLE 4 – PROPOSED DVA (GROUP 1) RATE RIDERS WITH CBR-CLASS B COSTS

Rate Class	Unit	Total Metered kWh	Total Metered kW	DVA - Group 1 Claim	CBR - Class B Claim	Proposed DVA - Group 1 Claim	Proposed Rate Riders
Residential	kWh	196,730,101	-	\$ (511,592)	\$ 51,848	\$ (459,743.94)	(0.0023)
GS<50 kW	kWh	83,568,205	-	\$ (217,253)	\$ 22,024	\$ (195,228.61)	(0.0023)
GS 50 TO 2,999 kW	kW	216,238,874	537,897	\$ (562,088)	\$ 56,990	\$ (505,098.69)	(0.9390)
UMSL	kWh	42,934	-	\$ (112)	\$ 11	\$ (100.29)	(0.0023)
Sentinel Lighting	kW	373,881	1,034	\$ (972)	\$ 99	\$ (873.32)	(0.8446)
Street Lighting	kW	2,036,369	5,690	\$ (5,293)	\$ 537	\$ (4,756.63)	(0.8360)
Totals		498,990,364	544,621	\$ (1,297,310)	\$ 131,509	\$ (1,165,801.49)	
GS 3,000 to 4,999 kW	kW	17,738,636	39,466	\$ (46,110)			
Totals		516,729,000	584,087	\$ (1,343,420)			
Per '4. Billing Det. For Def-Var'		516,729,000	(584,087)				
Per '7. Calculation of Def-Var RR'				\$ (1,343,420)			

NBHDL will defer disposition of sub-account 1595 (2015) until such time as the balances have been audited and a review has taken place for possible disposition.

a) Wholesale Market Participants

NBHDL does not have any Wholesale Market Participant customers.

b) Global Adjustment (GA) – *Settlement Process*

Consistent with 2016 applications, a distributor must provide a description of its settlement process with the IESO or host distributor. It must specify the GA rate it uses when billing its customers (1st estimate, 2nd estimate or actual) for each rate class, itemize its process for providing consumption estimates to the IESO and describe the true-up process to reconcile estimates of RPP and non-RPP consumption once actuals are known. The description should detail the distributor's method for estimating RPP and non-RPP consumption, as well as its treatment of embedded generation or any embedded distribution customers.

NBHDL uses the 1st estimate GA rate for all rate classes when billing Class B customers.

NBHDL determines consumption by utilizing the total monthly system load (AQEW provided by IESO preliminary data) and adjusting for:

- Generation;
- Interval metered load (i.e.; customers on hourly pricing);
- GS>50 non-interval load (i.e.; customers paying NSLS) - estimate based on the kWh from the prior month's billing and compared to prior year historical billing for reasonability;
- Class A consumption – based on interval meter data; and
- Residential/GS<50 non-RPP consumption - aggregate report generated from smart meter data which totals kWh by TOU peaks and meter. The data is cross-referenced to billing data in order to determine which accounts are currently with a retailer.

The net result of these adjustments is the assumed low volume RPP consumption. This consumption is allocated to TOU based on the data provided in the aggregated report identified above and the remaining consumption is assumed tier; which is allocated to Tier 1 and Tier 2 based on the prior month billing. NBHDL reconciles these estimates monthly by comparing actual billed data against the estimates and truing up accordingly, for both kWh and dollar values.

NBHDL pays embedded generators their contract price for the generation injected to the distribution system. NBHDL collects from the IESO the difference between HOEP and the contract price paid to each generator. All settlement for embedded generators is based on actual calendar month generation data.

NBHDL notes that additional detail regarding NBHDL's GA settlement process was provided to the OEB March 2, 2016 as part of the OEB sector review GA survey. In addition, NBHDL submitted its self-certification for RPP settlement to the IESO on May 27, 2015 for the 2014 fiscal year end and on March 29, 2016 for the 2015 fiscal year end. It is NBHDL's understanding that the IESO has established a self-certification program to enhance the consistency of the 1598 claims process and the level of assurance provided by LDCs regarding the calculation and recording of claims.

c) Global Adjustment – *Class A Participants*

NBHDL served one (1) Class A participant beginning July 1, 2015. As this customer was considered a Class B participant from January through June 2015, NBHDL has input the applicable data in Tabs "6. GA Calculation" and "6.a GA allocation_Class A" in order for the Model to generate the appropriate proposed Global Adjustment - Class B rate rider as explained above and the proposed monthly fixed charge for the Class A customer's portion of the variance amount.

6) LRAM Variance Account (LRAMVA)

On March 31, 2010, the Minister of Energy and Infrastructure issued a directive (the "Directive") to the Board regarding electricity CDM targets to be met by licensed electricity distributors. The Directive required that the Board amend the licenses of distributors to add, as a condition of license, the requirement for distributors to achieve reductions in electricity demand through the delivery of CDM programs over a four-year period beginning January 1, 2011. Section 12 of the Directive required that the Board have regard to the objective that lost revenues that result from CDM Programs should not act as a disincentive to a distributor. On April 26, 2012, the Board issued Guidelines for Electricity Distributor Conservation and Demand Management ("CDM Guidelines"). In keeping with the Directive, the Board adopted a mechanism to capture the difference between the results of actual, verified impacts of authorized CDM activities undertaken by distributors between 2011 and 2014 and the level of activities embedded into rates through the distributors load forecast in an LRAM variance account.

For CDM programs delivered within the 2011 to 2014 period, the Board established Account 1568 as the LRAMVA to capture the variance between the Board-approved CDM forecast and the actual results at the customer rate class level. At a minimum, distributors must apply for the disposition of the balance in the LRAMVA as part of their COS applications. In accordance with these guidelines, NBHDL requested approval for the recovery of lost revenue resulting from its CDM activities for 2011, 2012, and 2013 OPA programs, including carrying charges through to

April 30, 2015 as part of its 2014 COS Application (EB-2014-0099). The final approved amount for recovery was \$229,636.58, including carrying charges of \$7,712.48.

Accordingly, NBHDL intended to seek recovery for lost revenues from CDM programs in 2014 and material adjustments to 2013 CDM program results that were provided with the 2014 final IESO/OPA results. However, on March 3, 2016, the OEB issued a letter announcing that it was holding a meeting on March 31, 2016 to gather input on the approach to recording the revenue impact of demand (kW) savings in the LRAMVA. The result of this consultation was a revised report of the Board *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs, EB-2016-0182, May 19, 2016.*

NBHDL is proposing to seek recovery for lost revenues from CDM programs in 2014 and material adjustments to 2013 CDM program results that were provided with the 2014 final IESO/OPA results in the amount of \$206,220.17, including carrying charges of \$6,858.79 over a one (1) year period. NBHDL obtained the assistance of a third party (IndEco Strategic Consulting Inc.) to calculate the lost revenues resulting from participation in the OPA/IESO Contracted Province Wide CDM Programs. A copy of IndEco's supporting report can be found in Appendix "F". A summary of the proposed disposition amounts by class are provided in the following table.

TABLE 5 – LRAMVA PROPOSED DISPOSITION AMOUNTS BY CLASS

Rate Class	LRAMVA	Carrying Charges	Total Claim
Residential	43,254	1,474	44,728
GS <50 kW	44,032	1,479	45,511
GS 50 to 2,999 kW	46,829	1,731	48,560
Street Lighting	65,248	2,175	67,422
Total Claim	199,362	6,859	206,221
<i>Future Disposition</i>			
GS 3,000 to 4,999 kW	715	24	739
Total LRAMVA-IndEco Report	200,077	6,883	206,960

NBHDL would note that the claim amount for the GS 3,000 to 4,999 kW class is immaterial and results in a \$0.0000/kWh rate rider within the Model. Based on this, NBHDL proposes to leave this amount in Account 1568 for future disposition.

In accordance with the Filing Guidelines NBHDL confirms the following:

- NBHDL has used the most recent input assumptions available at the time of program evaluation when calculating the lost revenue amount;
- NBHDL has relied on the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation. The reports issued by the IESO are included as separate Excel files included with the application;
- NBHDL has completed the LRAMVA WF and this is included in Appendix “E”;
- Carrying charges have been applied in accordance with the Filing Requirements and calculated using the current prescribed rate of 1.10%; and
- NBHDL did not offer Board-approved custom programs in relation to the LRAMVA disposition request.

7) Tax Changes

In its *Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario’s Electricity Distributors*, the Board determined that a 50/50 sharing of the impact of legislated tax changes between shareholders and ratepayers is appropriate. The tax reduction will be allocated to customer rate classes on the basis of the last Board approved COS distribution revenue. The Board has determined that currently known tax changes from the level reflected in the Board-approved base rates will be reflected in the IRM adjustments.

NBHDL re-based in 2014 and the 2015 test year income tax calculations were based on a tax rate of 26.5%; the most current information and rates available. As there are no known tax changes from the level reflected in the Board-approved base rates, the Incremental Tax Savings is \$nil.

8) Z-Factor Claims / Incremental Capital Module (ICM)

NBHDL is not proposing to seek recovery for a Z-Factor claim or utilize the ICM option.

9) Treatment of Costs for ‘eligible investments’

NBHDL submitted its 5 year Distribution System Plan (DSP) with its 2014 COS Application. As referenced within Section 4.3 of the DSP, NBHDL’s distribution system is fully capable of accommodating REG and no capital investments are needed for capacity upgrades to facilitate the connection of renewable energy generation plant at this time and therefore no requirement to establish deferral accounts for these types of costs or recovery of costs is requested or required. NBHDL’s DSP also included a 5 year plan in relation to smart grid investments and at this time cost recovery is not requested or required.

10) Conservation and Demand Management Costs for Distributors

NBHDL confirms, in accordance with the Section 3.3.4 of the 2016 Filing Requirements that no CDM costs are included in distribution rates. These costs were excluded from Revenue Requirement calculations in NBHDL's 2014 COS application (EB-2014-0099).

11) Off-Ramps

NBHDL reported its Return on Equity (ROE) for 2015 as 10.65% and this figure will be included on NBHDL's 2015 published scorecard. The amount was within the +/- 300 basis points of the Board approved ROE of 9.30% which was set in NBHDL's 2014 COS application. NBHDL does not anticipate a regulatory review in this matter.

12) Low Voltage Service Charges

For 2016 rates, NBHDL proposes to maintain the low voltage service charge rates as approved in its current tariff sheet.

13) Rate Rider – Accounts 1575 & 1576

NBHDL's current rate riders for the Disposition of Accounts 1575 & 1576 have a sunset date of June 30, 2017 as approved in the 2014 COS Application (EB-2014-0099).

14) Bill Impacts

NBHDL's proposed tariff can be found in Appendix "B". Bill impacts by customer class are included in Appendix "C". The table below summarizes the monthly bill impacts by customer class.

TABLE 6 – BILL IMPACT SUMMARY

Class	Average Monthly Volume		RPP / Non-RPP	Total Current Bill	Total Proposed Bill	Total Bill Impact (\$)	Total Bill Impact (%)
	kWh	kW					
Residential	750	-	RPP	\$ 143.96	\$ 142.95	\$ (1.01)	-0.70%
Residential - 10 th Percentile	294	-	RPP	\$ 70.13	\$ 72.01	\$ 1.88	2.68%
GS<50 kW	2,000	-	RPP	\$ 382.17	\$ 379.26	\$ (2.91)	-0.76%
GS 50 TO 2,999 kW	-	455	Non-RPP	\$ 32,557.69	\$ 31,788.73	\$ (768.96)	-2.36%
GS 3,000 TO 4,999 kW	-	3,300	Non-RPP	\$ 250,426.05	\$ 241,873.29	\$ (8,552.76)	-3.42%
UMSL	150	-	RPP	\$ 31.75	\$ 31.49	\$ (0.26)	-0.82%
Sentinel Lighting	-	1	RPP	\$ 49.41	\$ 48.92	\$ (0.49)	-0.99%
Street Lighting	-	470	Non-RPP	\$ 71,042.68	\$ 71,093.44	\$ 50.76	0.07%

NBHDL had to make several manual adjustments to Tab "20. Bill Impacts". NBHDL would bring these to Staff's attention when finalizing the Model and Tariff of Rates and Charges:

- NBHDL has been approved for a 5-digit rate rider for the Low Voltage Service Rate for the Residential, GS < 50 kW and Unmetered Scattered Load rate classes;
- NBHDL manually input RTSRs for the Residential (RPP) low volume bill impact, the Residential (non-RPP) bill impact, the GS less than 50 (non-RPP) bill impact, and the GS 3,000 to 4,999 kW class;
- The Global Adjustment rate rider for the GS 3,000 to 4,999 kW class should be \$0.0000 as this class has 0 kWh for current Class B consumption; and
- Manually input the SSS Admin fee in the GS 50 to 2,999 kW class.

15) Conclusion

In summary, total bill impacts are well below the rate mitigation threshold and NBHDL considers the proposed rates and applicable disposition periods to be both reasonable and prudent.

APPENDIX "A"

CURRENT TARIFF OF RATES AND CHARGES

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.90
Rate Rider for Recovery of Stranded Meter Assets - effective until June 30, 2016	\$	0.85
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0108
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kWh	(0.0010)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

APPLICATION

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

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

In this class:

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

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

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

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

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

MONTHLY RATES AND CHARGES

Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
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Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit	\$	(34.00)
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Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit	\$	(38.00)
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Class D

(a) account-holders with a household income of \$28,000 or less living in a household of five persons; and

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;

but does not include account-holders in Class H.

OESP Credit	\$	(42.00)
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North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

Class E

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

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

OESP Credit \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:
 - i. the dwelling to which the account relates is heated primarily by electricity;
 - ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
 - iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

Class G

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

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

OESP Credit \$ (55.00)

Class H

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

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

OESP Credit \$ (60.00)

Class I

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

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

OESP Credit \$ (75.00)

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non residential accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	23.69
Rate Rider for Recovery of Stranded Meter Assets - effective until June 30, 2016	\$	1.92
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0182
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kWh	0.0001
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	299.26
Distribution Volumetric Rate	\$/kW	2.4983
Low Voltage Service Rate	\$/kW	0.0255
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.5168
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.6669
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	0.5406
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.4713)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kW	0.0723
Retail Transmission Rate - Network Service Rate	\$/kW	2.5304
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0310

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0092

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,382.61
Distribution Volumetric Rate	\$/kW	1.1732
Low Voltage Service Rate	\$/kW	0.0282
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.7000
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.8432
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	0.8907
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.8603)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.6841
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2445

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.25
Distribution Volumetric Rate	\$/kWh	0.0121
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kWh	(0.0031)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.83
Distribution Volumetric Rate	\$/kW	16.8594
Low Voltage Service Rate	\$/kW	0.0201
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.1844
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.5619
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	(4.3414)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.2396)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9179
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6028

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.80
Distribution Volumetric Rate	\$/kW	25.7369
Low Voltage Service Rate	\$/kW	0.0197
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.3536
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.5912
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	(12.1941)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.3042)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kW	13.0327
Retail Transmission Rate - Network Service Rate	\$/kW	1.9084
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5699

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0092

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

APPLICATION

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

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

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

Customer Administration

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
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

Other

Service call - customer-owned equipment	\$	30.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(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	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

APPENDIX "B"

PROPOSED TARIFF OF RATES AND CHARGES

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	22.21
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0073
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0026)
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

APPLICATION

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

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

In this class:

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

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

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

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

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

MONTHLY RATES AND CHARGES

Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit \$ (30.00)

Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

Class D

(a) account-holders with a household income of \$28,000 or less living in a household of five persons; and

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;

but does not include account-holders in Class H.

OESP Credit \$ (42.00)

North Bay Hydro Distribution Limited
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2017
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approved schedules of Rates, Charges and Loss Factors

EB-2016-0214

Class E

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

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

OESP Credit \$ (45.00)

Class F

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

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

OESP Credit \$ (50.00)

Class G

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

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

OESP Credit \$ (55.00)

Class H

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

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

OESP Credit \$ (60.00)

Class I

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

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

OESP Credit \$ (75.00)

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non residential accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.12
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0185
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until April 30, 2018	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0026)
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	304.65
Distribution Volumetric Rate	\$/kW	2.5433
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.0450)
Low Voltage Service Rate	\$/kW	0.0255
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.4713)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kW	0.1059
Retail Transmission Rate - Network Service Rate	\$/kW	2.5458
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0327

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,497.50
Distribution Volumetric Rate	\$/kW	1.1943
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.1683)
Low Voltage Service Rate	\$/kW	0.0282
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.8603)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7004
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2464

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.34
Distribution Volumetric Rate	\$/kWh	0.0123
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0026)
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.92
Distribution Volumetric Rate	\$/kW	17.1629
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.9399)
Low Voltage Service Rate	\$/kW	0.0201
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.2396)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kW	0.0953
Retail Transmission Rate - Network Service Rate	\$/kW	1.9296
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6041

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.89
Distribution Volumetric Rate	\$/kW	26.2002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0331
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.9303)
Low Voltage Service Rate	\$/kW	0.0197
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.3042)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kW	0.0943
Retail Transmission Rate - Network Service Rate	\$/kW	1.9200
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5712

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

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

APPLICATION

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

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

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

Customer Administration

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
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

Other

Service call - customer-owned equipment	\$	30.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

(with the exception of wireless attachments)

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(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	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

APPENDIX "C"

PROPOSED BILL IMPACTS

Incentive Regulation Model for 2017 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (in other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.**

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

Note:

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

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?	Current Loss Factor (eg: 1.0361)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	2,000		N/A	
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0471	1.0471	192,000	455	DEMAND	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0366	1.0366	1,500,000	3,300	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	150		N/A	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0471	1.0471	150	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0471	1.0471	165,000	470	DEMAND	5,424
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	294		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0471	1.0471	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0471	1.0471	294		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0471	1.0471	2,000		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
1 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.84	3.4%	\$ (0.89)	-3.1%	\$ (0.89)	-2.3%	\$ (1.01)	-0.7%
2 GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 2.03	3.8%	\$ (2.57)	-4.0%	\$ (2.57)	-2.9%	\$ (2.90)	-0.8%
3 GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 25.96	3.4%	\$ (688.28)	-46.9%	\$ (680.50)	-19.2%	\$ (768.96)	-2.4%
4 GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 184.52	4.5%	\$ (7,628.87)	-77.7%	\$ (7,568.81)	-29.0%	\$ (8,552.76)	-3.4%
5 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.12	1.8%	\$ (0.23)	-3.1%	\$ (0.23)	-2.5%	\$ (0.25)	-0.8%
6 SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.39	1.9%	\$ (0.45)	-2.1%	\$ (0.44)	-1.8%	\$ (0.50)	-1.0%
7 STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 721.47	1.9%	\$ 38.86	0.1%	\$ 44.92	0.1%	\$ 50.76	0.1%
8 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.34	11.1%	\$ 1.66	7.1%	\$ 1.66	6.1%	\$ 1.88	2.7%
9 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.84	3.4%	\$ (2.17)	-6.8%	\$ (2.17)	-5.2%	\$ (2.45)	-1.6%
10 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 2.34	11.1%	\$ 1.16	4.7%	\$ 1.16	4.7%	\$ 1.32	2.0%
11 GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 2.03	3.8%	\$ (5.97)	-8.3%	\$ (5.97)	-6.2%	\$ (6.75)	-1.7%
12									
13									
14									
15									
16									
17									
18									
19									
20				20. Bill Impacts					

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	750	\$ 8.10	\$ 0.0073	750	\$ 5.48	\$ (2.63)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	750	\$(2.70)	-\$ 0.0034	750	\$(2.55)	\$ 0.15	-5.56%
Sub-Total A (excluding pass through)			\$ 24.30			\$ 25.14	\$ 0.84	3.44%
Line Losses on Cost of Power	\$ 0.1114	35	\$ 3.93	\$ 0.1114	35	\$ 3.93	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	750	\$ -	\$ 0.0023	750	\$ (1.73)	\$ (1.73)	-
GA Rate Riders				\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	750	\$ 0.05	\$ 0.0001	750	\$ 0.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.08			\$ 28.19	\$ (0.89)	-3.06%
RTSR - Network	\$ 0.0067	785	\$ 5.26	\$ 0.0067	785	\$ 5.26	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	785	\$ 4.55	\$ 0.0058	785	\$ 4.55	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 38.89			\$ 38.00	\$ (0.89)	-2.29%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	785	\$ 1.02	\$ 0.0013	785	\$ 1.02	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	785	\$ 0.86	\$ 0.0011	785	\$ 0.86	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 127.40			\$ 126.51	\$ (0.89)	-0.70%
HST	13%		\$ 16.56	13%		\$ 16.45	\$ (0.12)	-0.70%
Total Bill on TOU			\$ 143.96			\$ 142.95	\$ (1.01)	-0.70%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0471		
Proposed/Approved Loss Factor	1.0471		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.69	1	\$ 23.69	\$ 24.12	1	\$ 24.12	\$ 0.43	1.82%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	2000	\$ (7.20)	-\$ 0.0031	2000	\$ (6.20)	\$ 1.00	-13.89%
Sub-Total A (excluding pass through)			\$ 52.89			\$ 54.92	\$ 2.03	3.84%
Line Losses on Cost of Power	\$ 0.1114	94	\$ 10.49	\$ 0.1114	94	\$ 10.49	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	2,000	\$ -	\$ 0.0023	2,000	\$ (4.60)	\$ (4.60)	-
GA Rate Riders				\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	2,000	\$ 0.14	\$ 0.0001	2,000	\$ 0.14	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 64.31			\$ 61.74	\$ (2.57)	-4.00%
RTSR - Network	\$ 0.0064	2,094	\$ 13.40	\$ 0.0064	2,094	\$ 13.40	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	2,094	\$ 10.89	\$ 0.0052	2,094	\$ 10.89	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 88.61			\$ 86.04	\$ (2.57)	-2.90%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,094	\$ 7.54	\$ 0.0036	2,094	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,094	\$ 2.72	\$ 0.0013	2,094	\$ 2.72	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 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 (OESP)	\$ 0.0011	2,094	\$ 2.30	\$ 0.0011	2,094	\$ 2.30	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 338.20			\$ 335.63	\$ (2.57)	-0.76%
HST	13%		\$ 43.97	13%		\$ 43.63	\$ (0.33)	-0.76%
Total Bill on TOU			\$ 382.17			\$ 379.26	\$ (2.90)	-0.76%

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	192,000	kWh
Demand	455	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 299.26	1	\$ 299.26	\$ 304.65	1	\$ 304.65	\$ 5.39	1.80%
Distribution Volumetric Rate	\$ 2.4983	455	\$ 1,136.73	\$ 2.5433	455	\$ 1,157.20	\$ 20.47	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 1.4713	455	\$ (669.44)	-\$ 1.4711	455	\$ (669.35)	\$ 0.09	-0.01%
Sub-Total A (excluding pass through)			\$ 766.55			\$ 792.50	\$ 25.96	3.39%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate	\$ 1.5168	455	\$ 690.14	\$ 0.9391	455	\$ (427.29)	\$ (1,117.43)	-161.91%
GA Rate Riders				\$ 0.0021	192,000	\$ 403.20	\$ 403.20	-
Low Voltage Service Charge	\$ 0.0255	455	\$ 11.60	\$ 0.0255	455	\$ 11.60	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,468.29			\$ 780.01	\$ (688.28)	-46.88%
RTSR - Network	\$ 2.5304	455	\$ 1,151.33	\$ 2.5458	455	\$ 1,158.34	\$ 7.01	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.0310	455	\$ 924.11	\$ 2.0327	455	\$ 924.88	\$ 0.77	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 3,543.73			\$ 2,863.23	\$ (680.50)	-19.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	201,043	\$ 723.76	\$ 0.0036	201,043	\$ 723.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	201,043	\$ 261.36	\$ 0.0013	201,043	\$ 261.36	\$ -	0.00%
Standard Supply Service Charge	\$ 1.0000	0.25	\$ 0.25	\$ 1.0000	0.25	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	192,000	\$ 1,344.00	\$ 0.0070	192,000	\$ 1,344.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	201,043	\$ 221.15	\$ 0.0011	201,043	\$ 221.15	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	201,043	\$ 22,717.88	\$ 0.1130	201,043	\$ 22,717.88	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 28,812.12			\$ 28,131.62	\$ (680.50)	-2.36%
HST	13%		\$ 3,745.58	13%		\$ 3,657.11	\$ (88.46)	-2.36%
Total Bill on Average IESO Wholesale Market Price			\$ 32,557.69			\$ 31,788.73	\$ (768.96)	-2.36%

Customer Class:	GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	1,500,000	kWh
Demand	3,300	kW
Current Loss Factor	1.0366	
Proposed/Approved Loss Factor	1.0366	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6,382.61	1	\$ 6,382.61	\$ 6,497.50	1	\$ 6,497.50	\$ 114.89	1.80%
Distribution Volumetric Rate	\$ 1.1732	3300	\$ 3,871.56	\$ 1.1943	3300	\$ 3,941.19	\$ 69.63	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 1.8603	3300	\$ (6,138.99)	-\$ 1.8603	3300	\$ (6,138.99)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 4,115.18			\$ 4,299.70	\$ 184.52	4.48%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate	\$ 1.7000	3,300	\$ 5,610.00	-\$ 1.1683	3,300	\$ (3,855.39)	\$ (9,465.39)	-168.72%
GA Rate Riders			\$ 1,652.0000	\$ 1,652.0000	1	\$ 1,652.00	\$ 1,652.00	-
Low Voltage Service Charge	\$ 0.0282	3,300	\$ 93.06	\$ 0.0282	3,300	\$ 93.06	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 9,818.24			\$ 2,189.37	\$ (7,628.87)	-77.70%
RTSR - Network	\$ 2.6841	3,300	\$ 8,857.53	\$ 2.7004	3,300	\$ 8,911.32	\$ 53.79	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2445	3,300	\$ 7,406.85	\$ 2.2464	3,300	\$ 7,413.12	\$ 6.27	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 26,082.62			\$ 18,513.81	\$ (7,568.81)	-29.02%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	1,554,900	\$ 5,597.64	\$ 0.0036	1,554,900	\$ 5,597.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1,554,900	\$ 2,021.37	\$ 0.0013	1,554,900	\$ 2,021.37	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	1,500,000	\$ 10,500.00	\$ 0.0070	1,500,000	\$ 10,500.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	1,554,900	\$ 1,710.39	\$ 0.0011	1,554,900	\$ 1,710.39	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	1,554,900	\$ 175,703.70	\$ 0.1130	1,554,900	\$ 175,703.70	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 221,615.97			\$ 214,047.16	\$ (7,568.81)	-3.42%
HST	13%		\$ 28,810.08	13%		\$ 27,826.13	\$ (983.95)	-3.42%
Total Bill on Average IESO Wholesale Market Price			\$ 250,426.05			\$ 241,873.29	\$ (8,552.76)	-3.42%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.25	1	\$ 5.25	\$ 5.34	1	\$ 5.34	\$ 0.09	1.71%
Distribution Volumetric Rate	\$ 0.0121	150	\$ 1.82	\$ 0.0123	150	\$ 1.85	\$ 0.03	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	150	-\$ (0.54)	-\$ 0.0036	150	-\$ (0.54)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 6.53			\$ 6.65	\$ 0.12	1.84%
Line Losses on Cost of Power	\$ 0.1114	7	\$ 0.79	\$ 0.1114	7	\$ 0.79	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	150	\$ -	\$ 0.0023	150	\$ (0.35)	\$ (0.35)	-
GA Rate Riders					150	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	150	\$ 0.01	\$ 0.0001	150	\$ 0.01	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 7.32			\$ 7.10	\$ (0.23)	-3.07%
RTSR - Network	\$ 0.0064	157	\$ 1.01	\$ 0.0064	157	\$ 1.01	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	157	\$ 0.82	\$ 0.0052	157	\$ 0.82	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 9.14			\$ 8.92	\$ (0.23)	-2.46%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	157	\$ 0.20	\$ 0.0013	157	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	157	\$ 0.17	\$ 0.0011	157	\$ 0.17	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	98	\$ 8.48	\$ 0.0870	98	\$ 8.48	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	26	\$ 3.37	\$ 0.1320	26	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1800	27	\$ 4.86	\$ 0.1800	27	\$ 4.86	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 28.10			\$ 27.87	\$ (0.23)	-0.80%
HST	13%		\$ 3.65	13%		\$ 3.62	\$ (0.03)	-0.80%
Total Bill on TOU			\$ 31.75			\$ 31.49	\$ (0.25)	-0.80%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	150	kWh	
Demand	1	kW	
Current Loss Factor	1.0471		
Proposed/Approved Loss Factor	1.0471		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.83	1	\$ 4.83	\$ 4.92	1	\$ 4.92	\$ 0.09	1.86%
Distribution Volumetric Rate	\$ 16.8594	1	\$ 16.86	\$ 17.1629	1	\$ 17.16	\$ 0.30	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 1.2396	1	\$ (1.24)	-\$ 1.2396	1	\$ (1.24)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 20.45			\$ 20.84	\$ 0.39	1.92%
Line Losses on Cost of Power	\$ 0.1114	7	\$ 0.79	\$ 0.1114	7	\$ 0.79	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	1	\$ -	\$ 0.8446	1	\$ (0.84)	\$ (0.84)	-
GA Rate Riders				\$ -	150	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0201	1	\$ 0.02	\$ 0.0201	1	\$ 0.02	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 21.26			\$ 20.81	\$ (0.45)	-2.12%
RTSR - Network	\$ 1.9179	1	\$ 1.92	\$ 1.9296	1	\$ 1.93	\$ 0.01	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6028	1	\$ 1.60	\$ 1.6041	1	\$ 1.60	\$ 0.00	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 24.78			\$ 24.34	\$ (0.44)	-1.77%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	157	\$ 0.20	\$ 0.0013	157	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	157	\$ 0.17	\$ 0.0011	157	\$ 0.17	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	98	\$ 8.48	\$ 0.0870	98	\$ 8.48	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	26	\$ 3.37	\$ 0.1320	26	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1800	27	\$ 4.86	\$ 0.1800	27	\$ 4.86	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 43.73			\$ 43.29	\$ (0.44)	-1.00%
HST	13%		\$ 5.68	13%		\$ 5.63	\$ (0.06)	-1.00%
Total Bill on TOU			\$ 49.41			\$ 48.92	\$ (0.50)	-1.00%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	165,000	kWh
Demand	470	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.80	5424	\$ 26,035.20	\$ 4.89	5424	\$ 26,523.36	\$ 488.16	1.87%
Distribution Volumetric Rate	\$ 25.7369	470	\$ 12,096.34	\$ 26.2002	470	\$ 12,314.09	\$ 217.75	1.80%
Fixed Rate Riders	\$ -	5424	\$ -	\$ -	5424	\$ -	\$ -	
Volumetric Rate Riders	-\$ 1.3042	470	\$ (612.97)	-\$ 1.2711	470	\$ (597.42)	\$ 15.56	-2.54%
Sub-Total A (excluding pass through)			\$ 37,518.57			\$ 38,240.04	\$ 721.47	1.92%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	\$ 1.3536	470	\$ 636.19	\$ 0.8360	470	\$ (392.92)	\$ (1,029.11)	-161.76%
GA Rate Riders				\$ 0.0021	165,000	\$ 346.50	\$ 346.50	
Low Voltage Service Charge	\$ 0.0197	470	\$ 9.26	\$ 0.0197	470	\$ 9.26	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 38,164.02			\$ 38,202.88	\$ 38.86	0.10%
RTSR - Network	\$ 1.9084	470	\$ 896.95	\$ 1.9200	470	\$ 902.40	\$ 5.45	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5699	470	\$ 737.85	\$ 1.5712	470	\$ 738.46	\$ 0.61	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 39,798.82			\$ 39,843.74	\$ 44.92	0.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	172,772	\$ 621.98	\$ 0.0036	172,772	\$ 621.98	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	172,772	\$ 224.60	\$ 0.0013	172,772	\$ 224.60	\$ -	0.00%
Standard Supply Service Charge	\$ 5,424.0000	0.25	\$ 1,356.00	\$ 5,424.0000	0.25	\$ 1,356.00	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	165,000	\$ 1,155.00	\$ 0.0070	165,000	\$ 1,155.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	172,772	\$ 190.05	\$ 0.0011	172,772	\$ 190.05	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	172,772	\$ 19,523.18	\$ 0.1130	172,772	\$ 19,523.18	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 62,869.63			\$ 62,914.55	\$ 44.92	0.07%
HST	13%		\$ 8,173.05	13%		\$ 8,178.89	\$ 5.84	0.07%
Total Bill on Average IESO Wholesale Market Price			\$ 71,042.68			\$ 71,093.44	\$ 50.76	0.07%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	294	kWh	
Demand	-	kW	
Current Loss Factor	1.0471		
Proposed/Approved Loss Factor	1.0471		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	294	\$ 3.18	\$ 0.0073	294	\$ 2.15	\$ (1.03)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	294	\$ (1.06)	-\$ 0.0034	294	\$ (1.00)	\$ 0.06	-5.56%
Sub-Total A (excluding pass through)			\$ 21.02			\$ 23.36	\$ 2.34	11.13%
Line Losses on Cost of Power	\$ 0.1114	14	\$ 1.54	\$ 0.1114	14	\$ 1.54	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	294	\$ -	\$ 0.0023	294	\$ (0.68)	\$ (0.68)	-
GA Rate Riders				\$ -	294	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	294	\$ 0.02	\$ 0.0001	294	\$ 0.02	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 23.37			\$ 25.03	\$ 1.66	7.12%
RTSR - Network	\$ 0.0067	308	\$ 2.06	\$ 0.0067	308	\$ 2.06	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	308	\$ 1.79	\$ 0.0058	308	\$ 1.79	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 27.22			\$ 28.88	\$ 1.66	6.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	308	\$ 1.11	\$ 0.0036	308	\$ 1.11	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	308	\$ 0.40	\$ 0.0013	308	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	308	\$ 0.34	\$ 0.0011	308	\$ 0.34	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	191	\$ 16.63	\$ 0.0870	191	\$ 16.63	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	50	\$ 6.60	\$ 0.1320	50	\$ 6.60	\$ -	0.00%
TOU - On Peak	\$ 0.1800	53	\$ 9.53	\$ 0.1800	53	\$ 9.53	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 62.06			\$ 63.73	\$ 1.66	2.68%
HST	13%		\$ 8.07	13%		\$ 8.28	\$ 0.22	2.68%
Total Bill on TOU			\$ 70.13			\$ 72.01	\$ 1.88	2.68%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	750	\$ 8.10	\$ 0.0073	750	\$ 5.48	\$ (2.63)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	750	\$ (2.70)	-\$ 0.0034	750	\$ (2.55)	\$ 0.15	-5.56%
Sub-Total A (excluding pass through)			\$ 24.30			\$ 25.14	\$ 0.84	3.44%
Line Losses on Cost of Power	\$ 0.1130	35	\$ 3.99	\$ 0.1130	35	\$ 3.99	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0038	750	\$ 2.85	-\$ 0.0023	750	\$ (1.73)	\$ (4.58)	-160.53%
GA Rate Riders				\$ 0.0021	750	\$ 1.58	\$ 1.58	-
Low Voltage Service Charge	\$ 0.0001	750	\$ 0.05	\$ 0.0001	750	\$ 0.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31.98			\$ 29.82	\$ (2.17)	-6.77%
RTSR - Network	\$ 0.0067	785	\$ 5.26	\$ 0.0067	785	\$ 5.26	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	785	\$ 4.55	\$ 0.0058	785	\$ 4.55	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.80			\$ 39.64	\$ (2.17)	-5.18%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	785	\$ 1.02	\$ 0.0013	785	\$ 1.02	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	785	\$ 0.86	\$ 0.0011	785	\$ 0.86	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 131.26			\$ 129.10	\$ (2.17)	-1.65%
HST	13%		\$ 17.06	13%		\$ 16.78	\$ (0.28)	-1.65%
Total Bill on Non-RPP Avg. Price			\$ 148.33			\$ 145.88	\$ (2.45)	-1.65%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	294	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	294	\$ 3.18	\$ 0.0073	294	\$ 2.15	\$ (1.03)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	294	\$ (1.06)	-\$ 0.0034	294	\$ (1.00)	\$ 0.06	-5.56%
Sub-Total A (excluding pass through)			\$ 21.02			\$ 23.36	\$ 2.34	11.13%
Line Losses on Cost of Power	\$ 0.1130	14	\$ 1.56	\$ 0.1130	14	\$ 1.56	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0038	294	\$ 1.12	-\$ 0.0023	294	\$ (0.68)	\$ (1.79)	-160.53%
GA Rate Riders				\$ 0.0021	294	\$ 0.62	\$ 0.62	
Low Voltage Service Charge	\$ 0.0001	294	\$ 0.03	\$ 0.0001	294	\$ 0.03	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 24.52			\$ 25.68	\$ 1.16	4.75%
RTSR - Network	\$ -	308	\$ -	\$ -	308	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	308	\$ -	\$ -	308	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ 24.52			\$ 25.68	\$ 1.16	4.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	308	\$ 1.11	\$ 0.0036	308	\$ 1.11	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	308	\$ 0.40	\$ 0.0013	308	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	308	\$ 0.34	\$ 0.0011	308	\$ 0.34	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	294	\$ 33.22	\$ 0.1130	294	\$ 33.22	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 59.59			\$ 60.75	\$ 1.16	1.95%
HST	13%		\$ 7.75	13%		\$ 7.90	\$ 0.15	1.95%
Total Bill on Non-RPP Avg. Price			\$ 67.33			\$ 68.65	\$ 1.32	1.95%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.69	1	\$ 23.69	\$ 24.12	1	\$ 24.12	\$ 0.43	1.82%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	-\$ 0.0036	2000	\$ (7.20)	-\$ 0.0031	2000	\$ (6.20)	\$ 1.00	-13.89%
Sub-Total A (excluding pass through)			\$ 52.89			\$ 54.92	\$ 2.03	3.84%
Line Losses on Cost of Power	\$ 0.1130	94	\$ 10.64	\$ 0.1130	94	\$ 10.64	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0038	2,000	\$ 7.60	-\$ 0.0023	2,000	\$ (4.60)	\$ (12.20)	-160.53%
GA Rate Riders				\$ 0.0021	2,000	\$ 4.20	\$ 4.20	
Low Voltage Service Charge	\$ 0.0001	2,000	\$ 0.14	\$ 0.0001	2,000	\$ 0.14	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 72.06			\$ 66.09	\$ (5.97)	-8.28%
RTSR - Network	\$ 0.0064	2,094	\$ 13.40	\$ 0.0064	2,094	\$ 13.40	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	2,094	\$ 10.89	\$ 0.0052	2,094	\$ 10.89	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 96.36			\$ 90.39	\$ (5.97)	-6.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,094	\$ 7.54	\$ 0.0036	2,094	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,094	\$ 2.72	\$ 0.0013	2,094	\$ 2.72	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,094	\$ 2.30	\$ 0.0011	2,094	\$ 2.30	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	2,000	\$ 226.00	\$ 0.1130	2,000	\$ 226.00	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 348.92			\$ 342.95	\$ (5.97)	-1.71%
HST	13%		\$ 45.36	13%		\$ 44.58	\$ (0.78)	-1.71%
Total Bill on Non-RPP Avg. Price			\$ 394.28			\$ 387.54	\$ (6.75)	-1.71%

APPENDIX "D"

2017 IRM RATE GENERATOR MODEL

Incentive Regulation Model for 2017 Filers

Quick Links

Ontario Energy Board's 2017 Electricity Distribution Rates Webpage

Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications

Version 1.2

Utility Name	North Bay Hydro Distribution Limited
Assigned EB Number	EB-2016-0214
Name of Contact and Title	Melissa Casson, Regulatory Manager
Phone Number	705-474-8100 xt: 300
Email Address	mcasson@northbayhydro.com
We are applying for rates effective	Monday, May 01, 2017
Rate-Setting Method	Price Cap IR
Please indicate in which Rate Year the Group 1 accounts were last cleared ¹	2016
Please indicate the last Cost of Service Re-Basing Year	2015

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.
- Pale grey cell represent auto-populated RRR data
- White cells contain fixed values, automatically generated values or formulae.

Note:

1. Rate year of application

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

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



Incentive Regulation Model for 2017 File

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0092

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.90
Rate Rider for Recovery of Stranded Meter Assets - effective until June 30, 2016	\$	0.85
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0108
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kWh	(0.0010)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

APPLICATION

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

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

In this class:

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

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

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

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

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

MONTHLY RATES AND CHARGES

Class A

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

OESP Credit \$ (30.00)

Class B

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

OESP Credit \$ (34.00)

Class C

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

OESP Credit \$ (38.00)

Class D

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

OESP Credit \$ (42.00)

Class E

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

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

OESP Credit \$ (45.00)



Incentive Regulation Model for 2017 File

Class F

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

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

OESP Credit \$ (50.00)

Class G

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

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

OESP Credit \$ (55.00)

Class H

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

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

OESP Credit \$ (60.00)

Class I

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

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

OESP Credit \$ (75.00)



Incentive Regulation Model for 2017 File

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non residential accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	23.69
Rate Rider for Recovery of Stranded Meter Assets - effective until June 30, 2016	\$	1.92
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0182
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0038
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016		
Applicable only for Non-RPP Customers	\$/kWh	0.0017
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kWh	0.0001
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	299.26
Distribution Volumetric Rate	\$/kW	2.4983
Low Voltage Service Rate	\$/kW	0.0255
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.5168
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.6669
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	0.5406
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.4713)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kW	0.0723
Retail Transmission Rate - Network Service Rate	\$/kW	2.5304
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0310

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,382.61
Distribution Volumetric Rate	\$/kW	1.1732
Low Voltage Service Rate	\$/kW	0.0282
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.7000
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.8432
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	0.8907
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.8603)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.6841
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2445

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.25
Distribution Volumetric Rate	\$/kWh	0.0121
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kWh	(0.0031)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.83
Distribution Volumetric Rate	\$/kW	16.8594
Low Voltage Service Rate	\$/kW	0.0201
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.1844
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.5619
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	(4.3414)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.2396)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9179
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6028

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.80
Distribution Volumetric Rate	\$/kW	25.7369
Low Voltage Service Rate	\$/kW	0.0197
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP Customers	\$/kW	1.3536
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until June 30, 2016 Applicable only for Non-RPP Customers	\$/kW	0.5912
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until June 30, 2016	\$/kW	(12.1941)
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.3042)
Rate Rider for Recovery of LRAM Variance Account - effective until June 30, 2016	\$/kW	13.0327
Retail Transmission Rate - Network Service Rate	\$/kW	1.9084
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5699

MONTHLY RATES AND CHARGES - Regulatory Component

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



Incentive Regulation Model for 2017 File

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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Incentive Regulation Model for 2017 File

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

APPLICATION

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

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

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

Customer Administration

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
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

Other

Service call - customer-owned equipment	\$	30.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

(with the exception of wireless attachments)



Incentive Regulation Model for 2017 File

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(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	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

Incentive Regulation Model for 2017 Filers

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

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

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 general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2010									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2010	Transactions' Debit/ (Credit) during 2010	OEB-Approved Disposition during 2010	Principal Adjustments' during 2010	Closing Principal Balance as of Dec 31, 2010	Opening Interest Amounts as of Jan 1, 2010	Interest Jan 1 to Dec 31, 2010	OEB-Approved Disposition during 2010	Interest Adjustments' during 2010	Closing Interest Amounts as of Dec 31, 2011
Group 1 Accounts											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge	1580					0					0
Variance WMS - Sub-account CBR Class A	1580					0					0
Variance WMS - Sub-account CBR Class B	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					0
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power	1588					0					0
RSVA - Global Adjustment	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2009) ^f	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2010) ^f	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2011) ^f	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) ^f	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) ^f	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) ^f	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) ^f	1595					0					0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595					0					0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

Incentive Regulation Model for 2017 Filers

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

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		2011									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2011	Transactions' Debit/ (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments ¹ during 2011	Closing Principal Balance as of Dec 31, 2011	Opening Interest Amounts as of Jan 1, 2011	Interest Jan 1 to Dec 31, 2011	OEB-Approved Disposition during 2011	Interest Adjustments ¹ during 2011	Closing Interest Amounts as of Dec 31, 2011
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge	1580	0				0	0				0
Variance WMS - Sub-account CBR Class A	1580	0				0	0				0
Variance WMS - Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power	1588	0				0	0				0
RSVA - Global Adjustment	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ²	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ²	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ²	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ²	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ²	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ²	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ²	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

Incentive Regulation Model for 2017 Filers

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

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Please refer to the footnotes for further instructions.

		2012									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions' Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments ¹ during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments ¹ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge	1580	0				0	0				0
Variance WMS - Sub-account CBR Class A	1580	0				0	0				0
Variance WMS - Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power	1588	0				0	0				0
RSVA - Global Adjustment	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ¹	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

Incentive Regulation Model for 2017 Filers

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

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Please refer to the footnotes for further instructions.

Check to Reverse of Account
 Check to

Check to
 Check to
 Check to
 Check to
 Check to

Check to

2013

Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions' Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments ¹ during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments ¹ during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	0			35,447	35,447	0			664	664
Smart Metering Entity Charge Variance Account	1551	0			18,051	18,051	0			182	182
RSVA - Wholesale Market Service Charge	1580	0			(1,723,258)	(1,723,258)	0			(42,459)	(42,459)
Variance WMS - Sub-account CBR Class A	1580	0			0	0	0			0	0
Variance WMS - Sub-account CBR Class B	1580	0			0	0	0			0	0
RSVA - Retail Transmission Network Charge	1584	0			559,006	559,006	0			15,246	15,246
RSVA - Retail Transmission Connection Charge	1586	0			375,270	375,270	0			7,981	7,981
RSVA - Power	1588	0			62,616	62,616	0			(4,808)	(4,808)
RSVA - Global Adjustment	1589	0			628,217	628,217	0			12,740	12,740
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	628,217	628,217	0	0	0	12,740	12,740
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	(672,867)	(672,867)	0	0	0	(23,193)	(23,193)
Total Group 1 Balance		0	0	0	(44,649)	(44,649)	0	0	0	(10,454)	(10,454)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		0	0	0	(44,649)	(44,649)	0	0	0	(10,454)	(10,454)

Incentive Regulation Model for 2017 Filers

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

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		2014									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions' Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments' during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments' during 2014	Closing Interest Amounts as of Dec 31, 2014
Group 1 Accounts											
LV Variance Account	1550	35,447	14,179	21,892		27,734	664	410	660		413
Smart Metering Entity Charge Variance Account	1551	18,051	(86)	0		17,965	162	265	0		447
RSVA - Wholesale Market Service Charge	1580	(1,723,258)	13,881	(1,347,546)		(361,831)	(42,459)	(7,784)	(45,262)		(4,981)
Variance WMS - Sub-account CBR Class A	1580	0	0	0		0	0	0	0		0
Variance WMS - Sub-account CBR Class B	1580	0	0	0		0	0	0	0		0
RSVA - Retail Transmission Network Charge	1584	559,006	34,402	372,064		221,345	15,246	4,790	15,974		4,062
RSVA - Retail Transmission Connection Charge	1586	375,270	90,615	215,740		250,145	7,981	4,036	8,228		3,790
RSVA - Power	1588	62,616	(172,148)	(195,553)		86,021	(4,808)	2,254	(6,469)		3,915
RSVA - Global Adjustment	1589	628,217	937,434	219,425		1,346,226	12,740	4,463	10,903		6,299
Disposition and Recovery/Refund of Regulatory Balances (2009) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ¹	1595	0	511,785	791,318		(279,533)	0	(5,611)	15,966		(21,577)
Disposition and Recovery/Refund of Regulatory Balances (2015) ¹	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	628,217	937,434	219,425	0	1,346,226	12,740	4,463	10,903	0	6,299
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(672,867)	492,628	(142,084)	0	(38,154)	(23,193)	(1,641)	(10,903)	0	(13,931)
Total Group 1 Balance		(44,649)	1,430,062	77,341	0	1,308,072	(10,454)	2,822	0	0	(7,632)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	372,449			372,449	0	6,625			6,625
Total including Account 1568		(44,649)	1,802,511	77,341	0	1,680,521	(10,454)	9,447	0	0	(1,007)

Incentive Regulation Model for 2017 Filers

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Please refer to the footnotes for further instructions.

		2015									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions' Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments' during 2015	Closing Principal Balance as of Dec 31, 15	Opening Interest Amounts as of Jan 1, 15	Interest Jan 1 to Dec 31, 15	OEB-Approved Disposition during 2015	Interest Adjustments' during 2015	Closing Interest Amounts as of Dec 31, 15
Group 1 Accounts											
LV Variance Account	1550	27,734	28,636	13,555		42,814	413	385	377		421
Smart Metering Entity Charge Variance Account	1551	17,965	(235)	18,051		(321)	447	112	536		23
RSVA - Wholesale Market Service Charge	1580	(361,831)	(1,058,971)	(375,712)		(1,045,089)	(4,981)	(6,137)	(11,164)		47
Variance WMS - Sub-account CBR Class A	1580	0	2,948	0		2,948	0	8	0		8
Variance WMS - Sub-account CBR Class B	1580	0	129,202	0		129,202	0	412	0		412
RSVA - Retail Transmission Network Charge	1584	221,345	(110,874)	186,943		(76,472)	4,062	1,153	4,760		456
RSVA - Retail Transmission Connection Charge	1586	250,145	16,256	159,530		106,872	3,790	2,107	3,938		1,959
RSVA - Power	1588	86,021	(195,857)	258,169		(368,004)	3,915	756	5,762		(1,092)
RSVA - Global Adjustment	1589	1,346,226	521,484	408,792		1,458,918	6,299	8,670	10,924		4,045
Disposition and Recovery/Refund of Regulatory Balances (2009) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ¹	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ¹	1595	(279,533)	319,611			40,078	(21,577)	(742)			(22,319)
Disposition and Recovery/Refund of Regulatory Balances (2015) ¹	1595	0	(349,058)	(610,668)		261,610	0	2,529	(74,045)		76,574
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0	(349,058)	(610,668)		261,610	0	2,529	(74,045)		76,574
RSVA - Global Adjustment	1589	1,346,226	521,484	408,792	0	1,458,918	6,299	8,670	10,924	0	4,045
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(38,154)	(1,218,340)	(350,132)	0	(906,362)	(13,931)	582	(69,836)	0	56,488
Total Group 1 Balance		1,308,072	(696,856)	58,660	0	552,555	(7,632)	9,252	(58,912)	0	60,533
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	372,449	51,727	221,924		202,252	6,625	5,078	7,712	0	3,990
Total including Account 1568		1,680,521	(645,130)	280,584	0	754,807	(1,007)	14,330	(51,200)	0	64,523

Incentive Regulation Model for 2017 Filers

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

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

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 general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

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

If you have only Class B customers, the balance applicable to Class B will be allocated and disposed with account 1580.

Please click if you have one or more Class A customers.

Account Descriptions	Account Number	2016				Projected Interest on Dec-31-15 Balances				2.1.7 RRR	Variance RRR vs. 2015 Balance (Principal + Interest)	
		Principal Disposition during 2016 - instructed by OEB	Interest Disposition during 2016 - instructed by OEB	Closing Principal Balances as of Dec 31, 2016 Adjusted for Dispositions during 2016	Closing Interest Balances as of Dec 31, 15 Adjusted for Disposition in 2016	Projected Interest from Jan 1, 2016 to December 31, 2016 on Dec 31 -15 balance adjusted for disposition during 2016 ³	Projected Interest from January 1, 2017 to April 30, 2017 on Dec 31 -15 balance adjusted for disposition during 2016 ³	Total Interest	Total Claim	As of Dec 31-15		
Group 1 Accounts												
LV Variance Account	1550	14,179	345	28,636	76	315	105	496	29,131.88	43,235	(0)	
Smart Metering Entity Charge Variance Account	1551	(86)	25	(235)	(2)	(3)	(2)	(7)	(241.49)	(298)	0	
RSVA - Wholesale Market Service Charge	1580	13,881	3,986	(1,058,971)	(3,939)	(11,649)	(3,883)	(19,471)	(1,078,441.23)	(912,473)	132,570	
Variance WMS - Sub-account CBR Class A	1580	0	0	2,948	8	32	11	51	0.00	2,956	(0)	
Variance WMS - Sub-account CBR Class B	1580	0	0	129,202	412	1,421	474	2,307	131,508.93	129,614	0	
RSVA - Retail Transmission Network Charge	1584	34,402	1,040	(110,874)	(584)	(1,220)	(407)	(2,210)	(113,084.67)	(76,016)	0	
RSVA - Retail Transmission Connection Charge	1586	90,615	2,290	16,256	(331)	179	60	(93)	16,163.67	108,830	(0)	
RSVA - Power	1588	(172,148)	(2,873)	(195,857)	1,781	(2,154)	(718)	(1,091)	(196,948.15)	(369,096)	0	
RSVA - Global Adjustment	1589	937,434	12,618	521,484	(8,573)	5,736	1,912	(924)	520,559.31	1,462,963	1	
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595			0	0			0	0.00	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595			0	0			0	0.00	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595			0	0			0	0.00	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595			0	0			0	0.00	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595			0	0			0	0.00	0	0	
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595			40,078	(22,319)		(9)	(22,355)	0.00	17,759	0	
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595											
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595			261,610	76,574			76,574	0.00	338,184	(0)	
RSVA - Global Adjustment	1589	937,434	12,618	521,484	(8,573)	5,736	1,912	(924)	520,559.31	1,462,963	1	
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(19,157)	4,812	(887,206)	51,675	(13,105)	(4,369)	34,201	(1,211,911.06)	(849,875)	(0)	
Total Group 1 Balance		918,277	17,430	(365,722)	43,102	(7,368)	(2,457)	33,277	(691,351.75)	613,088	0	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	2,175	42	200,077	3,949	2,201	734	6,883	206,960.25	206,242	(0)	
Total including Account 1568		920,452	17,472	(165,645)	47,051	(5,168)	(1,723)	40,160	(484,391.50)	819,330	0	

Incentive Regulation Model for 2017 Filers

Data on this worksheet has been populated using your most recent RRR filing.
 Click on the checkbox to confirm the accuracy of the data below:
 If you have identified any issues, please contact the OEB.

YES

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers	Metered kW for Non-RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1568 LRAM Variance Account Class Allocation (if non-zero)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	196,730,101	0	12,810,049	0			196,730,101	0	\$44,728	21,093
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	83,568,205	0	13,562,767	0			83,568,205	0	\$45,511	2,648
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	216,238,874	537,897	205,013,494	511,207			216,238,874	537,897	\$48,560	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	17,738,636	39,466	17,738,636	39,466			17,738,636	39,466	\$739	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,934	0	0	0			42,934	0	\$0	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	373,881	1,034	30,690	98			373,881	1,034	\$0	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,036,369	5,690	2,036,369	5,690			2,036,369	5,690	\$67,422	
Total		516,729,000	584,087	251,192,005	556,461	0	0	516,729,000	584,087	\$206,960	23,741

Threshold Test

Total Claim (including Account 1568)	(\$484,392)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$691,352)
Threshold Test (Total claim per kWh) ²	(\$0.0013)

1568 Account Balance from Continuity Schedule \$206,960
 Total Balance of Account 1568 in Column R matches the amount entered on the Continuity Schedule

¹ Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.
² The Threshold Test does not include the amount in 1568.
³ The proportion of customers for the Residential and GS<50 Classes will be used to allocate Account 1551.

Incentive Regulation Model for 2017 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Total non-RPP kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP			allocated based on Total less WMP			
					1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	38.1%	5.1%	88.8%	38.1%	11,091	(215)	(410,586)	(43,054)	6,154	(74,982)	44,728
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	16.2%	5.4%	11.2%	16.2%	4,711	(27)	(174,411)	(18,289)	2,614	(31,852)	45,511
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	41.8%	81.6%	0.0%	41.8%	12,191	0	(451,302)	(47,323)	6,764	(82,418)	48,560
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	3.4%	7.1%	0.0%	3.4%	1,000	0	(37,021)	(3,882)	555	(6,761)	739
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0.0%	2	0	(90)	(9)	1	(16)	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.1%	0.0%	0.0%	0.1%	21	0	(780)	(82)	12	(143)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.8%	0.0%	0.4%	115	0	(4,250)	(446)	64	(776)	67,422
Total	100.0%	100.0%	100.0%	100.0%	29,132	(241)	(1,078,441)	(113,085)	16,164	(196,948)	206,960

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

Incentive Regulation Model for 2017 Filers

Below is a GA calculation based on non-RPP consumption data minus Class A consumption. If a Class B customer switched into Class A during the 2015 rate year click this checkbox:

Identify the total billed consumption for former Class B customers prior to becoming Class A customers (i.e. Jan.1 to June 30, 2015) in column G.

The purpose of this tab is to calculate the GA rate riders for all current Class B customers of the distributor.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWh) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

		Total Metered Class A Consumption in 2015 (partial and/or full year Class A customers)*	Total Metered Consumption for New Class A customer(s) in the period prior to becoming Class A (i.e. Jan. 1 - June 30, 2015)	Metered Consumption for Current Class B Customers (Non-RPP consumption LESS WMP, Class A and new Class A's former Class B consumption if applicable)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider	
	kWh	kWh	kWh	kWh				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	12,810,049		12,810,049	5.5%	\$27,476	\$0.0021	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	13,562,767		13,562,767	5.8%	\$29,091	\$0.0021	kWh
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kWh	205,013,494		205,013,494	87.8%	\$439,735	\$0.0021	kWh
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	17,738,636	8,496,292	9,242,344	0.0%	\$0	\$0.0021	kWh
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0		0	0.0%	\$0	\$0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	30,690		30,690	0.0%	\$66	\$0.0021	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	2,036,369		2,036,369	0.9%	\$4,368	\$0.0021	kWh
Total		251,192,005	8,496,292	9,242,344	100.0%	\$500,735		

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

Incentive Regulation Model for 2017 Filers

The table allocates the GA balance to former Class B customers who contributed to the current GA balance before new Class A customers. The tables below calculate specific amounts for each customer who made the change. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed 2014 (e.g. If in the 2015 EDR process, you received approval to dispose the GA variance account balance as of December 31, 2013, please enter 2013 in cell B16.)

Allocation of total Non-RPP consumption (kWh) between Class B and New Class A (Former Class B) customers

		Total	2015
(Non-RPP consumption LESS WMP and Class A)	A	242,695,713	242,695,713
New Class A Customer(s) Former Class B Consumption	B	9,242,344	9,242,344
Portion of Consumption of Former Class B Customers	C=B/A	3.81%	

Allocation of Total GA Balance \$

Total GA Balance	D	\$ 520,559
New Class A Customer(s) Former Class B Portion of GA	E=C*D	\$ 19,824
GA Balance to be disposed to Current Class B Customers	F=D-E	\$ 500,735

Allocation of GA Balances to Former Class B Customers

# of Former Class B customer(s)	1				
Customer	Total Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A	% of kWh	Customer specific GA allocation for the period prior to becoming Class A	Monthly Equal Payments
Customer 1	9,242,344	9,242,344	100.00%	\$ 19,824	\$ 1,652
Total	9,242,344	9,242,344	100.00%	\$ 19,824	

Incentive Regulation Model for 2017 Filers

Input required at cell C13 only. This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for 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)

12

Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ¹	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconcil:
RESIDENTIAL SERVICE CLASSIFICATION	kWh	196,730,101	0	196,730,101	0	(511,592)		(0.0026)		0.0002	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	83,568,205	0	83,568,205	0	(217,253)		(0.0026)		0.0005	
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	216,238,874	537,897	216,238,874	537,897	(562,088)		(1.0450)		0.0002	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	17,738,636	39,466	17,738,636	39,466	(46,110)		(1.1683)		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,934	0	42,934	0	(112)		(0.0026)		0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	373,881	1,034	373,881	1,034	(972)		(0.9399)		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,036,369	5,690	2,036,369	5,690	(5,293)		(0.9303)		0.0331	
											(1,343,419.99)

¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class A and B will not be taken into consideration since the rate riders, if any, are calculated outside of the model.

² Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.



Incentive Regulation Model for 2017 Filers

Summary - Sharing of Tax Change Forecast Amounts

For the 2015 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

20,725

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2015	2017
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	\$ 60,818,816	\$ 60,818,816
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 60,818,816	\$ 60,818,816
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income	\$ 638,983	\$ 638,983
Corporate Tax Rate	26.50%	26.500%
Tax Impact	\$ 148,605	\$ 148,605
Grossed-up Tax Amount	\$ 202,184	\$ 202,184
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 202,184	\$ 202,184
Total Tax Related Amounts	\$ 202,184	\$ 202,184
Incremental Tax Savings		\$ 0
Sharing of Tax Amount (50%)		\$ 0

Incentive Regulation Model for 2017 Filers

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

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Service Charge D	Re-based Distribution Volumetric Rate kWh E	Re-based Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate kWh H = B * E	Distribution Volumetric Rate kW I = C * F	Revenue Requirement from Rates J = G + H + I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue kWh L = H / J	Distribution Volumetric Rate % Revenue kW M = I / J	Total % Revenue N = J / R
RESIDENTIAL SERVICE CLASSIFICATION kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 TO 2,999 kW SERVICE CLASSIFICATION kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 3,000 TO 4,999 kW SERVICE CLASSIFICATION kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total	0	0	0				0	0	0	0				0.0%

Rate Class	Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION kWh	196,730,101		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION kWh	83,568,205		0	0.0000 kWh
GENERAL SERVICE 50 TO 2,999 kW SERVICE CLASSIFICATION kW	216,238,874	537,897	0	0.0000 kW
GENERAL SERVICE 3,000 TO 4,999 kW SERVICE CLASSIFICATION kW	17,738,636	39,466	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION kWh	42,934		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION kW	373,881	1,034	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION kW	2,036,369	5,690	0	0.0000 kW
Total	516,729,000	584,087	\$0	

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date (see Filing Requirements, Appendix B)

Incentive Regulation Model for 2017 Filers

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 Tab 2.

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	196,730,101	0	1.0471	205,996,089
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	196,730,101	0	1.0471	205,996,089
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	83,568,205	0	1.0471	87,504,267
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	83,568,205	0	1.0471	87,504,267
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5304	216,238,874	537,897		
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0310	216,238,874	537,897		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.6841	17,738,636	39,466		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2445	17,738,636	39,466		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	42,934	0	1.0471	44,956
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	42,934	0	1.0471	44,956
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9179	373,881	1,034		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6028	373,881	1,034		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9084	2,036,369	5,690		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5699	2,036,369	5,690		

Incentive Regulation Model for 2017 Filers

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

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

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

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

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

Incentive Regulation Model for 2017 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. 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 Transformation Connection columns are completed. If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctiv. please provide explanation for the discrepancy in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	100,657	\$3.78	\$ 380,483	102,540	\$0.86	\$ 88,184	102,540	\$2.00	\$ 205,080	\$ 293,264
February	93,060	\$3.78	\$ 351,767	95,250	\$0.86	\$ 81,915	95,250	\$2.00	\$ 190,500	\$ 272,415
March	85,290	\$3.78	\$ 322,358	87,624	\$0.86	\$ 75,357	87,624	\$2.00	\$ 175,248	\$ 250,605
April	70,530	\$3.78	\$ 266,603	74,075	\$0.86	\$ 63,705	74,075	\$2.00	\$ 148,150	\$ 211,855
May	61,906	\$3.78	\$ 234,005	65,174	\$0.86	\$ 56,050	65,174	\$2.00	\$ 130,348	\$ 186,398
June	62,399	\$3.78	\$ 235,868	65,287	\$0.86	\$ 56,147	65,287	\$2.00	\$ 130,574	\$ 186,721
July	76,442	\$3.78	\$ 288,351	80,159	\$0.86	\$ 68,937	80,159	\$2.00	\$ 160,318	\$ 229,255
August	76,631	\$3.78	\$ 289,665	78,796	\$0.86	\$ 67,765	78,796	\$2.00	\$ 157,592	\$ 225,357
September	69,361	\$3.78	\$ 262,185	74,402	\$0.86	\$ 63,986	74,402	\$2.00	\$ 148,804	\$ 212,790
October	62,221	\$3.78	\$ 235,195	69,870	\$0.86	\$ 60,088	69,870	\$2.00	\$ 139,740	\$ 199,828
November	76,140	\$3.78	\$ 287,809	76,140	\$0.86	\$ 65,480	76,140	\$2.00	\$ 152,280	\$ 217,760
December	71,630	\$3.78	\$ 270,761	81,149	\$0.86	\$ 69,788	81,149	\$2.00	\$ 162,298	\$ 232,086
Total	906,257	\$ 3.78	\$ 3,425,651	950,466	\$ 0.86	\$ 817,401	950,466	\$ 2.00	\$ 1,900,932	\$ 2,718,333

Hydro One Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,898	\$3.23	\$ 15,821	4,898	\$0.65	\$ 3,184	4,898	\$1.62	\$ 7,935	\$ 11,118
February	4,186	\$3.23	\$ 13,520	4,356	\$0.65	\$ 2,831	4,356	\$1.62	\$ 7,056	\$ 9,887
March	4,017	\$3.23	\$ 12,975	4,017	\$0.65	\$ 2,611	4,017	\$1.62	\$ 6,508	\$ 9,119
April	3,070	\$3.23	\$ 9,917	3,070	\$0.65	\$ 1,996	3,070	\$1.62	\$ 4,974	\$ 6,970
May	2,440	\$3.41	\$ 8,325	2,548	\$0.79	\$ 2,007	2,548	\$1.80	\$ 4,590	\$ 6,597
June	2,060	\$3.41	\$ 7,030	2,060	\$0.79	\$ 1,623	2,060	\$1.80	\$ 3,712	\$ 5,335
July	2,452	\$3.41	\$ 8,365	2,741	\$0.79	\$ 2,159	2,741	\$1.80	\$ 4,938	\$ 7,097
August	2,399	\$3.41	\$ 8,186	2,399	\$0.79	\$ 1,890	2,399	\$1.80	\$ 4,323	\$ 6,213
September	2,253	\$3.41	\$ 7,688	2,253	\$0.79	\$ 1,775	2,253	\$1.80	\$ 4,060	\$ 5,835
October	2,371	\$3.41	\$ 8,091	2,704	\$0.79	\$ 2,131	2,704	\$1.80	\$ 4,873	\$ 7,004
November	3,552	\$3.41	\$ 12,120	3,552	\$0.79	\$ 2,799	3,552	\$1.80	\$ 6,400	\$ 9,199
December	3,504	\$3.41	\$ 11,957	3,504	\$0.79	\$ 2,761	3,504	\$1.80	\$ 6,314	\$ 9,075
Total	37,202	\$ 3.33	\$ 123,994	38,103	\$ 0.73	\$ 27,768	38,103	\$ 1.72	\$ 65,682	\$ 93,450

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

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

Total Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	105,555	\$ 3.7545	\$ 396,304	107,438	\$ 0.8504	\$ 91,368	107,438	\$ 1.9827	\$ 213,015	\$ 304,383
February	97,248	\$ 3.7553	\$ 365,287	99,606	\$ 0.8508	\$ 84,746	99,606	\$ 1.9834	\$ 197,556	\$ 282,302
March	89,297	\$ 3.7553	\$ 335,334	91,641	\$ 0.8508	\$ 77,968	91,641	\$ 1.9833	\$ 181,756	\$ 259,723
April	73,600	\$ 3.7571	\$ 276,521	77,145	\$ 0.8516	\$ 65,700	77,145	\$ 1.9849	\$ 153,124	\$ 218,824
May	64,346	\$ 3.7661	\$ 242,329	67,722	\$ 0.8573	\$ 58,057	67,722	\$ 1.9925	\$ 134,938	\$ 192,995
June	64,459	\$ 3.7682	\$ 242,898	67,347	\$ 0.8578	\$ 57,770	67,347	\$ 1.9939	\$ 134,286	\$ 192,056
July	79,894	\$ 3.7686	\$ 297,316	82,900	\$ 0.8576	\$ 71,096	82,900	\$ 1.9934	\$ 165,256	\$ 236,352
August	79,030	\$ 3.7688	\$ 297,851	81,195	\$ 0.8579	\$ 69,655	81,195	\$ 1.9941	\$ 161,915	\$ 231,569
September	71,614	\$ 3.7684	\$ 269,873	76,655	\$ 0.8579	\$ 65,761	76,655	\$ 1.9942	\$ 152,864	\$ 218,625
October	64,592	\$ 3.7665	\$ 243,286	72,574	\$ 0.8573	\$ 62,219	72,574	\$ 1.9926	\$ 144,613	\$ 206,832
November	79,692	\$ 3.7636	\$ 299,329	79,692	\$ 0.8568	\$ 68,279	79,692	\$ 1.9912	\$ 158,680	\$ 226,959
December	75,134	\$ 3.7628	\$ 282,718	84,653	\$ 0.8570	\$ 72,549	84,653	\$ 1.9918	\$ 168,612	\$ 241,161
Total	943,459	\$ 3.76	\$ 3,549,645	988,569	\$ 0.85	\$ 845,168	988,569	\$ 1.99	\$ 1,966,614	\$ 2,811,783

Low Voltage Switchgear Credit (if applicable) \$ -
 Total including deduction for Low Voltage Switchgear Credit \$ 2,811,783

Incentive Regulation Model for 2017 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	100,657	\$ 3,660	\$ 368,405	102,540	\$ 0.8700	\$ 89,210	102,540	\$ 2.0200	\$ 207,131	\$ 296,341
February	93,060	\$ 3,660	\$ 340,600	95,250	\$ 0.8700	\$ 82,868	95,250	\$ 2.0200	\$ 192,405	\$ 275,273
March	85,280	\$ 3,660	\$ 312,125	87,624	\$ 0.8700	\$ 76,233	87,624	\$ 2.0200	\$ 177,000	\$ 253,233
April	70,530	\$ 3,660	\$ 258,140	74,075	\$ 0.8700	\$ 64,445	74,075	\$ 2.0200	\$ 149,632	\$ 214,077
May	61,906	\$ 3,660	\$ 226,576	65,174	\$ 0.8700	\$ 56,701	65,174	\$ 2.0200	\$ 131,651	\$ 188,353
June	62,399	\$ 3,660	\$ 228,380	65,287	\$ 0.8700	\$ 56,800	65,287	\$ 2.0200	\$ 131,880	\$ 188,679
July	76,442	\$ 3,660	\$ 279,778	80,159	\$ 0.8700	\$ 69,738	80,159	\$ 2.0200	\$ 161,921	\$ 231,960
August	76,631	\$ 3,660	\$ 280,469	78,796	\$ 0.8700	\$ 68,553	78,796	\$ 2.0200	\$ 159,168	\$ 227,720
September	69,361	\$ 3,660	\$ 253,861	74,402	\$ 0.8700	\$ 64,730	74,402	\$ 2.0200	\$ 150,292	\$ 215,022
October	62,221	\$ 3,660	\$ 227,729	69,870	\$ 0.8700	\$ 60,787	69,870	\$ 2.0200	\$ 141,137	\$ 201,924
November	76,140	\$ 3,660	\$ 278,672	76,140	\$ 0.8700	\$ 66,242	76,140	\$ 2.0200	\$ 153,803	\$ 220,045
December	71,630	\$ 3,660	\$ 262,166	81,149	\$ 0.8700	\$ 70,600	81,149	\$ 2.0200	\$ 163,921	\$ 234,521
Total	906,257	\$ 3.66	\$ 3,316,901	950,466	\$ 0.87	\$ 826,905	950,466	\$ 2.02	\$ 1,919,941	\$ 2,746,847

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,898	\$ 3,4121	\$ 16,712	4,898	\$ 0.7879	\$ 3,859	4,898	\$ 1.8018	\$ 8,825	\$ 12,694
February	4,186	\$ 3,3396	\$ 13,979	4,356	\$ 0.7791	\$ 3,394	4,356	\$ 1.7713	\$ 7,715	\$ 11,109
March	4,017	\$ 3,3396	\$ 13,416	4,017	\$ 0.7791	\$ 3,130	4,017	\$ 1.7713	\$ 7,116	\$ 10,245
April	3,070	\$ 3,3396	\$ 10,254	3,070	\$ 0.7791	\$ 2,392	3,070	\$ 1.7713	\$ 5,438	\$ 7,831
May	2,440	\$ 3,3396	\$ 8,148	2,548	\$ 0.7791	\$ 1,985	2,548	\$ 1.7713	\$ 4,512	\$ 6,497
June	2,060	\$ 3,3396	\$ 6,880	2,060	\$ 0.7791	\$ 1,605	2,060	\$ 1.7713	\$ 3,649	\$ 5,254
July	2,452	\$ 3,3396	\$ 8,187	2,741	\$ 0.7791	\$ 2,135	2,741	\$ 1.7713	\$ 4,855	\$ 6,990
August	2,399	\$ 3,3396	\$ 8,012	2,399	\$ 0.7791	\$ 1,869	2,399	\$ 1.7713	\$ 4,249	\$ 6,118
September	2,253	\$ 3,3396	\$ 7,525	2,253	\$ 0.7791	\$ 1,755	2,253	\$ 1.7713	\$ 3,991	\$ 5,747
October	2,371	\$ 3,3396	\$ 7,919	2,704	\$ 0.7791	\$ 2,107	2,704	\$ 1.7713	\$ 4,790	\$ 6,897
November	3,552	\$ 3,3396	\$ 11,863	3,552	\$ 0.7791	\$ 2,767	3,552	\$ 1.7713	\$ 6,292	\$ 9,059
December	3,504	\$ 3,3396	\$ 11,703	3,504	\$ 0.7791	\$ 2,730	3,504	\$ 1.7713	\$ 6,207	\$ 8,937
Total	37,202	\$ 3.35	\$ 124,596	38,103	\$ 0.78	\$ 29,729	38,103	\$ 1.78	\$ 67,640	\$ 97,369

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

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

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	105,555	\$ 3,6485	\$ 385,117	107,438	\$ 0.8663	\$ 93,069	107,438	\$ 2.0101	\$ 215,956	\$ 309,025
February	97,246	\$ 3,6462	\$ 354,578	99,606	\$ 0.8660	\$ 85,261	99,606	\$ 2.0091	\$ 200,120	\$ 286,381
March	89,297	\$ 3,6456	\$ 325,540	91,641	\$ 0.8660	\$ 79,363	91,641	\$ 2.0091	\$ 184,116	\$ 263,479
April	73,600	\$ 3,6466	\$ 268,393	77,145	\$ 0.8664	\$ 66,837	77,145	\$ 2.0101	\$ 155,070	\$ 221,970
May	64,346	\$ 3,6479	\$ 234,724	67,722	\$ 0.8666	\$ 58,686	67,722	\$ 2.0106	\$ 136,164	\$ 194,850
June	64,459	\$ 3,6498	\$ 235,261	67,347	\$ 0.8672	\$ 58,405	67,347	\$ 2.0124	\$ 135,529	\$ 193,934
July	78,894	\$ 3,6500	\$ 287,965	82,900	\$ 0.8670	\$ 71,874	82,900	\$ 2.0118	\$ 166,776	\$ 238,649
August	79,030	\$ 3,6503	\$ 288,481	81,195	\$ 0.8673	\$ 70,422	81,195	\$ 2.0127	\$ 163,417	\$ 233,839
September	71,614	\$ 3,6499	\$ 261,386	76,655	\$ 0.8673	\$ 66,485	76,655	\$ 2.0127	\$ 154,283	\$ 220,768
October	64,592	\$ 3,6482	\$ 235,648	72,574	\$ 0.8666	\$ 62,894	72,574	\$ 2.0107	\$ 145,928	\$ 208,822
November	79,692	\$ 3,6457	\$ 290,535	79,692	\$ 0.8659	\$ 69,009	79,692	\$ 2.0089	\$ 160,095	\$ 229,104
December	75,134	\$ 3,6451	\$ 273,868	84,653	\$ 0.8662	\$ 73,330	84,653	\$ 2.0097	\$ 170,128	\$ 243,458
Total	943,459	\$ 3.65	\$ 3,441,497	988,569	\$ 0.87	\$ 856,634	988,569	\$ 2.01	\$ 1,987,582	\$ 2,844,216

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 2,844,216

Incentive Regulation Model for 2017 Filers

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

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	100,657	\$ 3,6600	\$ 368,405	102,540	\$ 0,8700	\$ 89,210	102,540	\$ 2,0200	\$ 207,131	\$ 296,341
February	93,060	\$ 3,6600	\$ 340,600	95,250	\$ 0,8700	\$ 82,868	95,250	\$ 2,0200	\$ 192,405	\$ 275,273
March	85,280	\$ 3,6600	\$ 312,125	87,624	\$ 0,8700	\$ 76,233	87,624	\$ 2,0200	\$ 177,000	\$ 253,233
April	70,530	\$ 3,6600	\$ 258,140	74,075	\$ 0,8700	\$ 64,445	74,075	\$ 2,0200	\$ 149,632	\$ 214,077
May	61,906	\$ 3,6600	\$ 226,576	65,174	\$ 0,8700	\$ 56,701	65,174	\$ 2,0200	\$ 131,651	\$ 188,353
June	62,399	\$ 3,6600	\$ 228,380	65,287	\$ 0,8700	\$ 56,800	65,287	\$ 2,0200	\$ 131,880	\$ 188,679
July	76,442	\$ 3,6600	\$ 279,778	80,159	\$ 0,8700	\$ 69,738	80,159	\$ 2,0200	\$ 161,921	\$ 231,660
August	76,631	\$ 3,6600	\$ 280,469	78,796	\$ 0,8700	\$ 68,553	78,796	\$ 2,0200	\$ 159,168	\$ 227,720
September	69,361	\$ 3,6600	\$ 253,861	74,402	\$ 0,8700	\$ 64,730	74,402	\$ 2,0200	\$ 150,292	\$ 215,022
October	62,221	\$ 3,6600	\$ 227,729	69,870	\$ 0,8700	\$ 60,787	69,870	\$ 2,0200	\$ 141,137	\$ 201,924
November	76,140	\$ 3,6600	\$ 278,672	76,140	\$ 0,8700	\$ 66,242	76,140	\$ 2,0200	\$ 153,803	\$ 220,045
December	71,630	\$ 3,6600	\$ 262,166	81,149	\$ 0,8700	\$ 70,600	81,149	\$ 2,0200	\$ 163,921	\$ 234,521
Total	906,257	\$ 3,66	\$ 3,316,901	950,466	\$ 0,87	\$ 826,905	950,466	\$ 2,02	\$ 1,919,941	\$ 2,746,847

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,898	\$ 3,3396	\$ 16,357	4,898	\$ 0,7791	\$ 3,816	4,898	\$ 1,7713	\$ 8,676	\$ 12,492
February	4,186	\$ 3,3396	\$ 13,979	4,356	\$ 0,7791	\$ 3,394	4,356	\$ 1,7713	\$ 7,715	\$ 11,109
March	4,017	\$ 3,3396	\$ 13,416	4,017	\$ 0,7791	\$ 3,130	4,017	\$ 1,7713	\$ 7,116	\$ 10,245
April	3,070	\$ 3,3396	\$ 10,254	3,070	\$ 0,7791	\$ 2,392	3,070	\$ 1,7713	\$ 5,438	\$ 7,831
May	2,440	\$ 3,3396	\$ 8,148	2,548	\$ 0,7791	\$ 1,985	2,548	\$ 1,7713	\$ 4,512	\$ 6,497
June	2,060	\$ 3,3396	\$ 6,880	2,060	\$ 0,7791	\$ 1,605	2,060	\$ 1,7713	\$ 3,649	\$ 5,254
July	2,452	\$ 3,3396	\$ 8,187	2,741	\$ 0,7791	\$ 2,135	2,741	\$ 1,7713	\$ 4,855	\$ 6,990
August	2,399	\$ 3,3396	\$ 8,012	2,399	\$ 0,7791	\$ 1,869	2,399	\$ 1,7713	\$ 4,249	\$ 6,118
September	2,253	\$ 3,3396	\$ 7,525	2,253	\$ 0,7791	\$ 1,755	2,253	\$ 1,7713	\$ 3,991	\$ 5,747
October	2,371	\$ 3,3396	\$ 7,919	2,704	\$ 0,7791	\$ 2,107	2,704	\$ 1,7713	\$ 4,790	\$ 6,897
November	3,552	\$ 3,3396	\$ 11,863	3,552	\$ 0,7791	\$ 2,767	3,552	\$ 1,7713	\$ 6,292	\$ 9,059
December	3,504	\$ 3,3396	\$ 11,703	3,504	\$ 0,7791	\$ 2,730	3,504	\$ 1,7713	\$ 6,207	\$ 8,937
Total	37,202	\$ 3,34	\$ 124,241	38,103	\$ 0,78	\$ 29,686	38,103	\$ 1,77	\$ 67,491	\$ 97,177

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

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

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	105,555	\$ 3,65	\$ 384,762	107,438	\$ 0,87	\$ 93,026	107,438	\$ 2,01	\$ 215,807	\$ 308,832
February	97,246	\$ 3,65	\$ 354,578	99,606	\$ 0,87	\$ 86,261	99,606	\$ 2,01	\$ 200,120	\$ 286,381
March	89,297	\$ 3,65	\$ 325,540	91,641	\$ 0,87	\$ 79,363	91,641	\$ 2,01	\$ 184,116	\$ 263,479
April	73,600	\$ 3,65	\$ 268,393	77,145	\$ 0,87	\$ 66,837	77,145	\$ 2,01	\$ 155,070	\$ 221,907
May	64,346	\$ 3,65	\$ 234,724	67,722	\$ 0,87	\$ 58,686	67,722	\$ 2,01	\$ 136,164	\$ 194,850
June	64,459	\$ 3,65	\$ 235,261	67,347	\$ 0,87	\$ 58,405	67,347	\$ 2,01	\$ 135,529	\$ 193,934
July	78,894	\$ 3,65	\$ 287,965	82,900	\$ 0,87	\$ 71,874	82,900	\$ 2,01	\$ 166,776	\$ 238,649
August	79,030	\$ 3,65	\$ 288,461	81,195	\$ 0,87	\$ 70,422	81,195	\$ 2,01	\$ 163,417	\$ 233,839
September	71,614	\$ 3,65	\$ 261,386	76,655	\$ 0,87	\$ 66,485	76,655	\$ 2,01	\$ 154,283	\$ 220,768
October	64,692	\$ 3,65	\$ 235,648	72,574	\$ 0,87	\$ 62,894	72,574	\$ 2,01	\$ 145,928	\$ 208,822
November	79,692	\$ 3,65	\$ 290,535	79,692	\$ 0,87	\$ 69,009	79,692	\$ 2,01	\$ 160,095	\$ 229,104
December	75,134	\$ 3,65	\$ 273,868	84,653	\$ 0,87	\$ 73,330	84,653	\$ 2,01	\$ 170,128	\$ 243,458
Total	943,459	\$ 3,65	\$ 3,441,142	988,569	\$ 0,87	\$ 856,591	988,569	\$ 2,01	\$ 1,987,432	\$ 2,844,023

Low Voltage Switchgear Credit (if applicable)	\$ -
Total including deduction for Low Voltage Switchgear Credit	\$ 2,844,023

Incentive Regulation Model for 2017 Filers

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	0.0067	205,996,089	0	1,380,174	40.4%	1,388,705	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	87,504,267	0	560,027	16.4%	563,489	0.0064
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5304		537,897	1,361,095	39.8%	1,369,507	2.5460
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.6841		39,466	105,931	3.1%	106,585	2.7007
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	44,956	0	288	0.0%	289	0.0064
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9179		1,034	1,983	0.1%	1,995	1.9298
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9084		5,690	10,859	0.3%	10,926	1.9202

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	0.0058	205,996,089	0	1,194,777	42.0%	1,195,846	0.0058
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	87,504,267	0	455,022	16.0%	455,429	0.0052
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0310		537,897	1,092,469	38.4%	1,093,446	2.0328
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2445		39,466	88,581	3.1%	88,661	2.2465
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	44,956	0	234	0.0%	234	0.0052
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6028		1,034	1,657	0.1%	1,659	1.6042
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5699		5,690	8,933	0.3%	8,941	1.5713

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067	205,996,089	0	1,388,705	40.4%	1,388,561	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	87,504,267	0	563,489	16.4%	563,431	0.0064
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5460		537,897	1,369,507	39.8%	1,369,366	2.5458
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7007		39,466	106,585	3.1%	106,574	2.7004
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	44,956	0	290	0.0%	289	0.0064
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9298		1,034	1,995	0.1%	1,995	1.9296
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9202		5,690	10,926	0.3%	10,925	1.9200

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058	205,996,089	0	1,195,846	42.0%	1,195,765	0.0058
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	87,504,267	0	455,429	16.0%	455,398	0.0052
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0328		537,897	1,093,446	38.4%	1,093,372	2.0327
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2465		39,466	88,661	3.1%	88,655	2.2464
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052	44,956	0	234	0.0%	234	0.0052
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6042		1,034	1,659	0.1%	1,659	1.6041
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5713		5,690	8,941	0.3%	8,940	1.5712

Incentive Regulation Model for 2017 Filers

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 2016 values and will be updated by OEB staff at a later date.

Price Escalator	2.10%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	21,124	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	III	Price Cap Index	1.80%	Billed kWh for Residential Class (approved in the last CoS)	205,497,425	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.30%			Rate Design Transition Years Left	3		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	18.9		0.0108		1.80%	22.21	0.0073
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	23.69		0.0182		1.80%	24.12	0.0185
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	299.26		2.4983		1.80%	304.65	2.5433
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	6382.61		1.1732		1.80%	6,497.50	1.1943
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	5.25		0.0121		1.80%	5.34	0.0123
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.83		16.8594		1.80%	4.92	17.1629
STREET LIGHTING SERVICE CLASSIFICATION	4.8		25.7369		1.80%	4.89	26.2002
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	18.9000	4,790,923	68.3%	2.92	78.9%	21.82	5,531,108
Current Residential Variable Rate (inclusive of R/C adj.)	0.0108	2,219,372	31.7%		21.1%	0.0072	1,479,581
		7,010,295					7,010,690

¹ These are the residential rates to which the Price Cap Index will be applied to.

Incentive Regulation Model for 2017 Filers

Update the following rates if an OEB Decision has been issued at the time of completing this application

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. All customers are single-phase. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	22.21
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0073
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0026)
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0058

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

APPLICATION

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

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

In this class:

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

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

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

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

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

MONTHLY RATES AND CHARGES

Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit \$ (30.00)

Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

Class D

(a) account-holders with a household income of \$28,000 or less living in a household of five persons; and

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;

but does not include account-holders in Class H.

OESP Credit \$ (42.00)

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

Class E

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

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

OESP Credit \$ (45.00)

Class F

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

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

OESP Credit \$ (50.00)

Class G

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

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

OESP Credit \$ (55.00)

Class H

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

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

OESP Credit \$ (60.00)

Class I

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

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

OESP Credit \$ (75.00)

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification includes non residential accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.12
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0185
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until April 30, 2018	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0026)
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	304.65
Distribution Volumetric Rate	\$/kW	2.5433
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.0450)
Low Voltage Service Rate	\$/kW	0.0255
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.4713)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kW	0.1059
Retail Transmission Rate - Network Service Rate	\$/kW	2.5458
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.0327

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification includes non residential accounts where monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,497.50
Distribution Volumetric Rate	\$/kW	1.1943
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(1.1683)
Low Voltage Service Rate	\$/kW	0.0282
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.8603)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7004
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.2464

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

EB-2016-0214

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 750 volts or less where monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.34
Distribution Volumetric Rate	\$/kWh	0.0123
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0026)
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kWh	(0.0036)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0052

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

SENTINEL LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.92
Distribution Volumetric Rate	\$/kW	17.1629
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.9399)
Low Voltage Service Rate	\$/kW	0.0201
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.2396)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kW	0.0953
Retail Transmission Rate - Network Service Rate	\$/kW	1.9296
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6041

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

STREET LIGHTING SERVICE CLASSIFICATION

This classification is for roadway lighting with the Municipality. The consumption for this customer is based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.89
Distribution Volumetric Rate	\$/kW	26.2002
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0021
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0331
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.9303)
Low Voltage Service Rate	\$/kW	0.0197
Rate Rider for Disposition of Accounts 1575 and 1576 - effective until June 30, 2017	\$/kW	(1.3042)
Rate Rider for Variance WMS - Sub-Account for CBR Class B - effective until April 30, 2018	\$/kW	0.0943
Retail Transmission Rate - Network Service Rate	\$/kW	1.9200
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5712

MONTHLY RATES AND CHARGES - Regulatory Component

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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

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EB-2016-0214

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

APPLICATION

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

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

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

Customer Administration

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
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

Other

Service call - customer-owned equipment	\$	30.00
Specific charge for access to the power poles - \$/pole/year	\$	22.35

(with the exception of wireless attachments)

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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EB-2016-0214

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(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	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

Incentive Regulation Model for 2017 Filers

The bill comparisons below must be provided for typical customers and consumption levels. Bill impacts must be provided for residential customers consuming 750 kWh per month and general service customers consuming 2,000 kWh per month and having a monthly demand of less than 50 kW. Include bill comparisons for Non-RPP (retailer) as well. **To assess the combined effects of the shift to fixed rates and other bill impacts associated with changes in the cost of distribution service, applicants are to include a total bill impact for a residential customer at the distributor's 10th consumption percentile (in other words, 10% of a distributor's residential customers consume at or less than this level of consumption on a monthly basis). Refer to page 9 of the Filing Requirements For Electricity Distribution Rate Applications issued July 14, 2016.**

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

Note:

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

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?	Current Loss Factor (eg: 1.0361)	Proposed Loss Factor	Consumption (kWh)	Demand kW (if applicable)	RTSR Demand or Demand-Interval?	Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	750		N/A	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	2,000		N/A	
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0471	1.0471	192,000	455	DEMAND	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0366	1.0366	1,500,000	3,300	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	150		N/A	1
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	RPP	1.0471	1.0471	150	1	DEMAND	1
STREET LIGHTING SERVICE CLASSIFICATION	kW	Non-RPP (Other)	1.0471	1.0471	165,000	470	DEMAND	5,424
RESIDENTIAL SERVICE CLASSIFICATION	kWh	RPP	1.0471	1.0471	294		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0471	1.0471	750		N/A	
RESIDENTIAL SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0471	1.0471	294		N/A	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	Non-RPP (Retailer)	1.0471	1.0471	2,000		N/A	
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								
Add additional scenarios if required								

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
1 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 0.84	3.4%	\$ (0.89)	-3.1%	\$ (0.89)	-2.3%	\$ (1.01)	-0.7%
2 GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION - RPP	kWh	\$ 2.03	3.8%	\$ (2.57)	-4.0%	\$ (2.57)	-2.9%	\$ (2.90)	-0.8%
3 GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 25.96	3.4%	\$ (688.28)	-46.9%	\$ (680.50)	-19.2%	\$ (768.96)	-2.4%
4 GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 184.52	4.5%	\$ (7,628.87)	-77.7%	\$ (7,568.81)	-29.0%	\$ (8,552.76)	-3.4%
5 UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	\$ 0.12	1.8%	\$ (0.23)	-3.1%	\$ (0.23)	-2.5%	\$ (0.25)	-0.8%
6 SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	\$ 0.39	1.9%	\$ (0.45)	-2.1%	\$ (0.44)	-1.8%	\$ (0.50)	-1.0%
7 STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 721.47	1.9%	\$ 38.86	0.1%	\$ 44.92	0.1%	\$ 50.76	0.1%
8 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 2.34	11.1%	\$ 1.66	7.1%	\$ 1.66	6.1%	\$ 1.88	2.7%
9 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 0.84	3.4%	\$ (2.17)	-6.8%	\$ (2.17)	-5.2%	\$ (2.45)	-1.6%
10 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 2.34	11.1%	\$ 1.16	4.7%	\$ 1.16	4.7%	\$ 1.32	2.0%
11 GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 2.03	3.8%	\$ (5.97)	-8.3%	\$ (5.97)	-6.2%	\$ (6.75)	-1.7%
12									
13									
14									
15									
16									
17									
18									
19									
20				20. Bill Impacts					

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	750	\$ 8.10	\$ 0.0073	750	\$ 5.48	\$ (2.63)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	750	\$(2.70)	-\$ 0.0034	750	\$(2.55)	\$ 0.15	-5.56%
Sub-Total A (excluding pass through)			\$ 24.30			\$ 25.14	\$ 0.84	3.44%
Line Losses on Cost of Power	\$ 0.1114	35	\$ 3.93	\$ 0.1114	35	\$ 3.93	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	750	\$ -	\$ 0.0023	750	\$ (1.73)	\$ (1.73)	-
GA Rate Riders				\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	750	\$ 0.05	\$ 0.0001	750	\$ 0.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 29.08			\$ 28.19	\$ (0.89)	-3.06%
RTSR - Network	\$ 0.0067	785	\$ 5.26	\$ 0.0067	785	\$ 5.26	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	785	\$ 4.55	\$ 0.0058	785	\$ 4.55	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 38.89			\$ 38.00	\$ (0.89)	-2.29%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	785	\$ 1.02	\$ 0.0013	785	\$ 1.02	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	785	\$ 0.86	\$ 0.0011	785	\$ 0.86	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 127.40			\$ 126.51	\$ (0.89)	-0.70%
HST	13%		\$ 16.56	13%		\$ 16.45	\$ (0.12)	-0.70%
Total Bill on TOU			\$ 143.96			\$ 142.95	\$ (1.01)	-0.70%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0471		
Proposed/Approved Loss Factor	1.0471		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.69	1	\$ 23.69	\$ 24.12	1	\$ 24.12	\$ 0.43	1.82%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	2000	\$ (7.20)	-\$ 0.0031	2000	\$ (6.20)	\$ 1.00	-13.89%
Sub-Total A (excluding pass through)			\$ 52.89			\$ 54.92	\$ 2.03	3.84%
Line Losses on Cost of Power	\$ 0.1114	94	\$ 10.49	\$ 0.1114	94	\$ 10.49	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	2,000	\$ -	\$ 0.0023	2,000	\$ (4.60)	\$ (4.60)	-
GA Rate Riders				\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	2,000	\$ 0.14	\$ 0.0001	2,000	\$ 0.14	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 64.31			\$ 61.74	\$ (2.57)	-4.00%
RTSR - Network	\$ 0.0064	2,094	\$ 13.40	\$ 0.0064	2,094	\$ 13.40	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	2,094	\$ 10.89	\$ 0.0052	2,094	\$ 10.89	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 88.61			\$ 86.04	\$ (2.57)	-2.90%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,094	\$ 7.54	\$ 0.0036	2,094	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,094	\$ 2.72	\$ 0.0013	2,094	\$ 2.72	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 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 (OESP)	\$ 0.0011	2,094	\$ 2.30	\$ 0.0011	2,094	\$ 2.30	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 338.20			\$ 335.63	\$ (2.57)	-0.76%
HST	13%		\$ 43.97	13%		\$ 43.63	\$ (0.33)	-0.76%
Total Bill on TOU			\$ 382.17			\$ 379.26	\$ (2.90)	-0.76%

Customer Class:	GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	192,000	kWh
Demand	455	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 299.26	1	\$ 299.26	\$ 304.65	1	\$ 304.65	\$ 5.39	1.80%
Distribution Volumetric Rate	\$ 2.4983	455	\$ 1,136.73	\$ 2.5433	455	\$ 1,157.20	\$ 20.47	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 1.4713	455	\$ (669.44)	-\$ 1.4711	455	\$ (669.35)	\$ 0.09	-0.01%
Sub-Total A (excluding pass through)			\$ 766.55			\$ 792.50	\$ 25.96	3.39%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate	\$ 1.5168	455	\$ 690.14	\$ 0.9391	455	\$ (427.29)	\$ (1,117.43)	-161.91%
GA Rate Riders				\$ 0.0021	192,000	\$ 403.20	\$ 403.20	-
Low Voltage Service Charge	\$ 0.0255	455	\$ 11.60	\$ 0.0255	455	\$ 11.60	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1,468.29			\$ 780.01	\$ (688.28)	-46.88%
RTSR - Network	\$ 2.5304	455	\$ 1,151.33	\$ 2.5458	455	\$ 1,158.34	\$ 7.01	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.0310	455	\$ 924.11	\$ 2.0327	455	\$ 924.88	\$ 0.77	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 3,543.73			\$ 2,863.23	\$ (680.50)	-19.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	201,043	\$ 723.76	\$ 0.0036	201,043	\$ 723.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	201,043	\$ 261.36	\$ 0.0013	201,043	\$ 261.36	\$ -	0.00%
Standard Supply Service Charge	\$ 1.0000	0.25	\$ 0.25	\$ 1.0000	0.25	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	192,000	\$ 1,344.00	\$ 0.0070	192,000	\$ 1,344.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	201,043	\$ 221.15	\$ 0.0011	201,043	\$ 221.15	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	201,043	\$ 22,717.88	\$ 0.1130	201,043	\$ 22,717.88	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 28,812.12			\$ 28,131.62	\$ (680.50)	-2.36%
HST	13%		\$ 3,745.58	13%		\$ 3,657.11	\$ (88.46)	-2.36%
Total Bill on Average IESO Wholesale Market Price			\$ 32,557.69			\$ 31,788.73	\$ (768.96)	-2.36%

Customer Class:	GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	1,500,000	kWh
Demand	3,300	kW
Current Loss Factor	1.0366	
Proposed/Approved Loss Factor	1.0366	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6,382.61	1	\$ 6,382.61	\$ 6,497.50	1	\$ 6,497.50	\$ 114.89	1.80%
Distribution Volumetric Rate	\$ 1.1732	3300	\$ 3,871.56	\$ 1.1943	3300	\$ 3,941.19	\$ 69.63	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 1.8603	3300	\$ (6,138.99)	-\$ 1.8603	3300	\$ (6,138.99)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 4,115.18			\$ 4,299.70	\$ 184.52	4.48%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate	\$ 1.7000	3,300	\$ 5,610.00	-\$ 1.1683	3,300	\$ (3,855.39)	\$ (9,465.39)	-168.72%
GA Rate Riders			\$ 1,652.0000	\$ 1,652.0000	1	\$ 1,652.00	\$ 1,652.00	-
Low Voltage Service Charge	\$ 0.0282	3,300	\$ 93.06	\$ 0.0282	3,300	\$ 93.06	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 9,818.24			\$ 2,189.37	\$ (7,628.87)	-77.70%
RTSR - Network	\$ 2.6841	3,300	\$ 8,857.53	\$ 2.7004	3,300	\$ 8,911.32	\$ 53.79	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.2445	3,300	\$ 7,406.85	\$ 2.2464	3,300	\$ 7,413.12	\$ 6.27	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 26,082.62			\$ 18,513.81	\$ (7,568.81)	-29.02%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	1,554,900	\$ 5,597.64	\$ 0.0036	1,554,900	\$ 5,597.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1,554,900	\$ 2,021.37	\$ 0.0013	1,554,900	\$ 2,021.37	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	1,500,000	\$ 10,500.00	\$ 0.0070	1,500,000	\$ 10,500.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	1,554,900	\$ 1,710.39	\$ 0.0011	1,554,900	\$ 1,710.39	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	1,554,900	\$ 175,703.70	\$ 0.1130	1,554,900	\$ 175,703.70	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 221,615.97			\$ 214,047.16	\$ (7,568.81)	-3.42%
HST	13%		\$ 28,810.08	13%		\$ 27,826.13	\$ (983.95)	-3.42%
Total Bill on Average IESO Wholesale Market Price			\$ 250,426.05			\$ 241,873.29	\$ (8,552.76)	-3.42%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	150	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5.25	1	\$ 5.25	\$ 5.34	1	\$ 5.34	\$ 0.09	1.71%
Distribution Volumetric Rate	\$ 0.0121	150	\$ 1.82	\$ 0.0123	150	\$ 1.85	\$ 0.03	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	150	\$ (0.54)	-\$ 0.0036	150	\$ (0.54)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 6.53			\$ 6.65	\$ 0.12	1.84%
Line Losses on Cost of Power	\$ 0.1114	7	\$ 0.79	\$ 0.1114	7	\$ 0.79	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	150	\$ -	\$ 0.0023	150	\$ (0.35)	\$ (0.35)	-
GA Rate Riders					150	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	150	\$ 0.01	\$ 0.0001	150	\$ 0.01	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 7.32			\$ 7.10	\$ (0.23)	-3.07%
RTSR - Network	\$ 0.0064	157	\$ 1.01	\$ 0.0064	157	\$ 1.01	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	157	\$ 0.82	\$ 0.0052	157	\$ 0.82	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 9.14			\$ 8.92	\$ (0.23)	-2.46%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	157	\$ 0.20	\$ 0.0013	157	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	157	\$ 0.17	\$ 0.0011	157	\$ 0.17	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	98	\$ 8.48	\$ 0.0870	98	\$ 8.48	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	26	\$ 3.37	\$ 0.1320	26	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1800	27	\$ 4.86	\$ 0.1800	27	\$ 4.86	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 28.10			\$ 27.87	\$ (0.23)	-0.80%
HST	13%		\$ 3.65	13%		\$ 3.62	\$ (0.03)	-0.80%
Total Bill on TOU			\$ 31.75			\$ 31.49	\$ (0.25)	-0.80%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	150	kWh	
Demand	1	kW	
Current Loss Factor	1.0471		
Proposed/Approved Loss Factor	1.0471		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.83	1	\$ 4.83	\$ 4.92	1	\$ 4.92	\$ 0.09	1.86%
Distribution Volumetric Rate	\$ 16.8594	1	\$ 16.86	\$ 17.1629	1	\$ 17.16	\$ 0.30	1.80%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 1.2396	1	\$ (1.24)	-\$ 1.2396	1	\$ (1.24)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 20.45			\$ 20.84	\$ 0.39	1.92%
Line Losses on Cost of Power	\$ 0.1114	7	\$ 0.79	\$ 0.1114	7	\$ 0.79	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	1	\$ -	\$ 0.8446	1	\$ (0.84)	\$ (0.84)	-
GA Rate Riders				\$ -	150	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0201	1	\$ 0.02	\$ 0.0201	1	\$ 0.02	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 21.26			\$ 20.81	\$ (0.45)	-2.12%
RTSR - Network	\$ 1.9179	1	\$ 1.92	\$ 1.9296	1	\$ 1.93	\$ 0.01	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.6028	1	\$ 1.60	\$ 1.6041	1	\$ 1.60	\$ 0.00	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 24.78			\$ 24.34	\$ (0.44)	-1.77%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	157	\$ 0.20	\$ 0.0013	157	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	157	\$ 0.17	\$ 0.0011	157	\$ 0.17	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	98	\$ 8.48	\$ 0.0870	98	\$ 8.48	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	26	\$ 3.37	\$ 0.1320	26	\$ 3.37	\$ -	0.00%
TOU - On Peak	\$ 0.1800	27	\$ 4.86	\$ 0.1800	27	\$ 4.86	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 43.73			\$ 43.29	\$ (0.44)	-1.00%
HST	13%		\$ 5.68	13%		\$ 5.63	\$ (0.06)	-1.00%
Total Bill on TOU			\$ 49.41			\$ 48.92	\$ (0.50)	-1.00%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	165,000	kWh
Demand	470	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.80	5424	\$ 26,035.20	\$ 4.89	5424	\$ 26,523.36	\$ 488.16	1.87%
Distribution Volumetric Rate	\$ 25.7369	470	\$ 12,096.34	\$ 26.2002	470	\$ 12,314.09	\$ 217.75	1.80%
Fixed Rate Riders	\$ -	5424	\$ -	\$ -	5424	\$ -	\$ -	
Volumetric Rate Riders	-\$ 1.3042	470	\$ (612.97)	-\$ 1.2711	470	\$ (597.42)	\$ 15.56	-2.54%
Sub-Total A (excluding pass through)			\$ 37,518.57			\$ 38,240.04	\$ 721.47	1.92%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate	\$ 1.3536	470	\$ 636.19	\$ 0.8360	470	\$ (392.92)	\$ (1,029.11)	-161.76%
GA Rate Riders				\$ 0.0021	165,000	\$ 346.50	\$ 346.50	
Low Voltage Service Charge	\$ 0.0197	470	\$ 9.26	\$ 0.0197	470	\$ 9.26	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 38,164.02			\$ 38,202.88	\$ 38.86	0.10%
RTSR - Network	\$ 1.9084	470	\$ 896.95	\$ 1.9200	470	\$ 902.40	\$ 5.45	0.61%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.5699	470	\$ 737.85	\$ 1.5712	470	\$ 738.46	\$ 0.61	0.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 39,798.82			\$ 39,843.74	\$ 44.92	0.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	172,772	\$ 621.98	\$ 0.0036	172,772	\$ 621.98	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	172,772	\$ 224.60	\$ 0.0013	172,772	\$ 224.60	\$ -	0.00%
Standard Supply Service Charge	\$ 5,424.0000	0.25	\$ 1,356.00	\$ 5,424.0000	0.25	\$ 1,356.00	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	165,000	\$ 1,155.00	\$ 0.0070	165,000	\$ 1,155.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	172,772	\$ 190.05	\$ 0.0011	172,772	\$ 190.05	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	172,772	\$ 19,523.18	\$ 0.1130	172,772	\$ 19,523.18	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 62,869.63			\$ 62,914.55	\$ 44.92	0.07%
HST	13%		\$ 8,173.05	13%		\$ 8,178.89	\$ 5.84	0.07%
Total Bill on Average IESO Wholesale Market Price			\$ 71,042.68			\$ 71,093.44	\$ 50.76	0.07%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	294	kWh	
Demand	-	kW	
Current Loss Factor	1.0471		
Proposed/Approved Loss Factor	1.0471		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	294	\$ 3.18	\$ 0.0073	294	\$ 2.15	\$ (1.03)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	294	\$ (1.06)	-\$ 0.0034	294	\$ (1.00)	\$ 0.06	-5.56%
Sub-Total A (excluding pass through)			\$ 21.02			\$ 23.36	\$ 2.34	11.13%
Line Losses on Cost of Power	\$ 0.1114	14	\$ 1.54	\$ 0.1114	14	\$ 1.54	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ -	294	\$ -	\$ 0.0023	294	\$ (0.68)	\$ (0.68)	-
GA Rate Riders				\$ -	294	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0001	294	\$ 0.02	\$ 0.0001	294	\$ 0.02	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 23.37			\$ 25.03	\$ 1.66	7.12%
RTSR - Network	\$ 0.0067	308	\$ 2.06	\$ 0.0067	308	\$ 2.06	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	308	\$ 1.79	\$ 0.0058	308	\$ 1.79	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 27.22			\$ 28.88	\$ 1.66	6.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	308	\$ 1.11	\$ 0.0036	308	\$ 1.11	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	308	\$ 0.40	\$ 0.0013	308	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	308	\$ 0.34	\$ 0.0011	308	\$ 0.34	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	191	\$ 16.63	\$ 0.0870	191	\$ 16.63	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	50	\$ 6.60	\$ 0.1320	50	\$ 6.60	\$ -	0.00%
TOU - On Peak	\$ 0.1800	53	\$ 9.53	\$ 0.1800	53	\$ 9.53	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 62.06			\$ 63.73	\$ 1.66	2.68%
HST	13%		\$ 8.07	13%		\$ 8.28	\$ 0.22	2.68%
Total Bill on TOU			\$ 70.13			\$ 72.01	\$ 1.88	2.68%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	750	\$ 8.10	\$ 0.0073	750	\$ 5.48	\$ (2.63)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	750	\$ (2.70)	-\$ 0.0034	750	\$ (2.55)	\$ 0.15	-5.56%
Sub-Total A (excluding pass through)			\$ 24.30			\$ 25.14	\$ 0.84	3.44%
Line Losses on Cost of Power	\$ 0.1130	35	\$ 3.99	\$ 0.1130	35	\$ 3.99	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0038	750	\$ 2.85	-\$ 0.0023	750	\$ (1.73)	\$ (4.58)	-160.53%
GA Rate Riders				\$ 0.0021	750	\$ 1.58	\$ 1.58	-
Low Voltage Service Charge	\$ 0.0001	750	\$ 0.05	\$ 0.0001	750	\$ 0.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 31.98			\$ 29.82	\$ (2.17)	-6.77%
RTSR - Network	\$ 0.0067	785	\$ 5.26	\$ 0.0067	785	\$ 5.26	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0058	785	\$ 4.55	\$ 0.0058	785	\$ 4.55	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 41.80			\$ 39.64	\$ (2.17)	-5.18%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	785	\$ 1.02	\$ 0.0013	785	\$ 1.02	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	785	\$ 0.86	\$ 0.0011	785	\$ 0.86	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 131.26			\$ 129.10	\$ (2.17)	-1.65%
HST	13%		\$ 17.06	13%		\$ 16.78	\$ (0.28)	-1.65%
Total Bill on Non-RPP Avg. Price			\$ 148.33			\$ 145.88	\$ (2.45)	-1.65%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	294	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 18.90	1	\$ 18.90	\$ 22.21	1	\$ 22.21	\$ 3.31	17.51%
Distribution Volumetric Rate	\$ 0.0108	294	\$ 3.18	\$ 0.0073	294	\$ 2.15	\$ (1.03)	-32.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	294	\$ (1.06)	-\$ 0.0034	294	\$ (1.00)	\$ 0.06	-5.56%
Sub-Total A (excluding pass through)			\$ 21.02			\$ 23.36	\$ 2.34	11.13%
Line Losses on Cost of Power	\$ 0.1130	14	\$ 1.56	\$ 0.1130	14	\$ 1.56	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0038	294	\$ 1.12	-\$ 0.0023	294	\$ (0.68)	\$ (1.79)	-160.53%
GA Rate Riders				\$ 0.0021	294	\$ 0.62	\$ 0.62	
Low Voltage Service Charge	\$ 0.0001	294	\$ 0.03	\$ 0.0001	294	\$ 0.03	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 24.52			\$ 25.68	\$ 1.16	4.75%
RTSR - Network	\$ -	308	\$ -	\$ -	308	\$ -	\$ -	
RTSR - Connection and/or Line and Transformation Connection	\$ -	308	\$ -	\$ -	308	\$ -	\$ -	
Sub-Total C - Delivery (including Sub-Total B)			\$ 24.52			\$ 25.68	\$ 1.16	4.75%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	308	\$ 1.11	\$ 0.0036	308	\$ 1.11	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	308	\$ 0.40	\$ 0.0013	308	\$ 0.40	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	308	\$ 0.34	\$ 0.0011	308	\$ 0.34	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	294	\$ 33.22	\$ 0.1130	294	\$ 33.22	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 59.59			\$ 60.75	\$ 1.16	1.95%
HST	13%		\$ 7.75	13%		\$ 7.90	\$ 0.15	1.95%
Total Bill on Non-RPP Avg. Price			\$ 67.33			\$ 68.65	\$ 1.32	1.95%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0471	
Proposed/Approved Loss Factor	1.0471	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 23.69	1	\$ 23.69	\$ 24.12	1	\$ 24.12	\$ 0.43	1.82%
Distribution Volumetric Rate	\$ 0.0182	2000	\$ 36.40	\$ 0.0185	2000	\$ 37.00	\$ 0.60	1.65%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	-\$ 0.0036	2000	\$ (7.20)	-\$ 0.0031	2000	\$ (6.20)	\$ 1.00	-13.89%
Sub-Total A (excluding pass through)			\$ 52.89			\$ 54.92	\$ 2.03	3.84%
Line Losses on Cost of Power	\$ 0.1130	94	\$ 10.64	\$ 0.1130	94	\$ 10.64	\$ -	0.00%
Total Deferral/Variance Account Rate	\$ 0.0038	2,000	\$ 7.60	-\$ 0.0023	2,000	\$ (4.60)	\$ (12.20)	-160.53%
GA Rate Riders				\$ 0.0021	2,000	\$ 4.20	\$ 4.20	-
Low Voltage Service Charge	\$ 0.0001	2,000	\$ 0.14	\$ 0.0001	2,000	\$ 0.14	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 72.06			\$ 66.09	\$ (5.97)	-8.28%
RTSR - Network	\$ 0.0064	2,094	\$ 13.40	\$ 0.0064	2,094	\$ 13.40	\$ -	0.00%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0052	2,094	\$ 10.89	\$ 0.0052	2,094	\$ 10.89	\$ -	0.00%
Sub-Total C - Delivery (including Sub-Total B)			\$ 96.36			\$ 90.39	\$ (5.97)	-6.20%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,094	\$ 7.54	\$ 0.0036	2,094	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,094	\$ 2.72	\$ 0.0013	2,094	\$ 2.72	\$ -	0.00%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,094	\$ 2.30	\$ 0.0011	2,094	\$ 2.30	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	2,000	\$ 226.00	\$ 0.1130	2,000	\$ 226.00	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 348.92			\$ 342.95	\$ (5.97)	-1.71%
HST	13%		\$ 45.36	13%		\$ 44.58	\$ (0.78)	-1.71%
Total Bill on Non-RPP Avg. Price			\$ 394.28			\$ 387.54	\$ (6.75)	-1.71%

APPENDIX "E"

2017 LRAMVA WORK FORM



LRAMVA Work Form: Summary Table

LRAMVA Summary

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

File Number	EB-2016-0214	Amount of LRAM claimed in the past	\$ 229,636.58
Exhibit	N/A	Years of LRAM Claimed	2005-2013
Schedule	Section 6	Last Cost of Service Application (File No.)	EB-2014-0099
Tab	Appendix E		
Page	12		
Legend	User Inputs (Green)	Amount of LRAMVA to claim	\$206,960.25
	Auto Populated Cells (White)	Recovery Period of LRAMVA Claim	

Table 1. Annual and Total LRAMVA by Rate Class

Description	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
2011 Forecast								
2011 Actuals								
Amount Cleared								
2012 Forecast								
2012 Actuals								
Amount Cleared								
2013 Forecast								
2013 Actuals	\$2,188.50	\$778.36	\$11,605.81	\$43.42				\$14,616.09
Amount Cleared								
2014 Forecast								
2014 Actuals	\$41,065.51	\$43,253.27	\$35,222.95	\$671.59			\$65,247.59	\$185,460.91
Amount Cleared								
2015 Forecast								
2015 Actuals								
Amount Cleared								
Carrying Charges	\$1,473.79	\$1,478.98	\$1,731.37	\$24.47			\$2,174.65	\$6,883.26
Total LRAMVA Balance	\$44,727.79	\$45,510.61	\$48,560.13	\$739.48			\$67,422.24	\$206,960.25



LRAMVA Work Form: CDM Allocation

CDM Savings Target Allocation by Rate Class

Instruction

Please update the template as needed or replace this spreadsheet with an existing templates that estimated savings in CDM forecast. An example template is provided below and can be filled in if it is applicable to the LDC. The LDC may re-populate CDM savings by rate class for historical years based on past year's approved cost of service application, or relevant information from **Appendix 2-I**. Alternatively, LDCs may want to link this spreadsheet to their CDM savings allocation (e.g. appended as another tab in this workbook) to fill in **Tables 2, 3 and 4** below.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 4. Forecast Lost Revenue Amounts by Rate Class

Forecast Year	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	\$	\$	\$	\$	\$	\$	\$	\$
2011								
2012								
2013								
2014								

Notes: Tables 2 and 3a not used, as the values do not impact LRAMVA and Tables 3a assumed allocation of CDM impacts based on kWh load share by rate class. The load forecast affecting 2013 and 2014 is from the 2010 COS (EB-2009-0270). The forecast made adjustments for CDM results in 2009 and 2010, but not for programs offered after 2010.



LRAMVA Work Form: Distribution Rates

Distribution Rates

Instruction

Please update **Table 5** with the approved distribution rates for the utility's respective rate classes. The applicable rates to estimate lost revenues will autopopulate in **Table 6** and be used in the LRAM Work Sheets (**Tab 4 and Tab 5**) for the applicable year in which LRAM is claimed.

LDCs to update the rate classes as appropriate below depending on the utility's customer mix.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 5. Distribution Volumetric Rate by Billing Period

Decision & Orders for Approved Volumetric Rates:	EB-2009-0270	EB-2010-0102	EB-2011-0187	EB-2012-0152	EB-2013-0157	EB-2014-0099	EB-2015-0092	
Rate Class	Billing Unit	May 1, 2010- April 30, 2011	May 1, 2011- April 30, 2012	May 1, 2012- April 30, 2013	May 1, 2013- April 30, 2014	May 1, 2014- April 30, 2015	July 1, 2015- April 30, 2016	May 1, 2016- April 30, 2017
<i>Rate Year</i>		2010	2011	2012	2013	2014	2015	2016
<i>Pro-ratio of Rates (months) - Period 1</i>		8	8	8	8	8	6	8
<i>Pro-ratio of Rates (months) - Period 2</i>		4	4	4	4	4	6	4
Residential	kWh			\$ 0.0127	\$ 0.0129	\$ 0.0129	\$ 0.0141	\$ 0.0108
GS < 50 kW	kWh			\$ 0.0163	\$ 0.0165	\$ 0.0165	\$ 0.0179	\$ 0.0182
GS 50 to 2,999 kW	kW			\$ 2.0356	\$ 2.0677	\$ 2.0724	\$ 2.4541	\$ 2.4983
GS 3,000 to 4,999 kW	kW			\$ 1.0801	\$ 1.0996	\$ 1.0963	\$ 1.1525	\$ 1.1732
Unmetered Scattered Load	kWh			\$ 0.0157	\$ 0.0160	\$ 0.0160	\$ 0.0119	\$ 0.0121
Sentinel Lighting	kW			\$ 14.9740	\$ 15.2239	\$ 15.2073	\$ 16.5613	\$ 16.8594
Street Lighting	kW			\$ 25.3328	\$ 25.7648	\$ 25.6689	\$ 25.2818	\$ 25.7369

Table 6. Summary Table: Average Distribution Volumetric Rates by Year for LRAM Calculation

Rate Class	Billing Unit	2011	2012	2013	2014	2015	2016
Residential	kWh			\$ 0.0128	\$ 0.0129	\$ 0.0135	\$ 0.0130
GS < 50 kW	kWh			\$ 0.0164	\$ 0.0165	\$ 0.0172	\$ 0.0180
GS 50 to 2,999 kW	kW			\$ 2.0463	\$ 2.0693	\$ 2.2633	\$ 2.4688
GS 3,000 to 4,999 kW	kW			\$ 1.0866	\$ 1.0985	\$ 1.1244	\$ 1.1594
Unmetered Scattered Load	kWh			\$ 0.0158	\$ 0.0160	\$ 0.0140	\$ 0.0120
Sentinel Lighting	kW			\$ 15.0573	\$ 15.2184	\$ 15.8843	\$ 16.6607
Street Lighting	kW			\$ 25.4768	\$ 25.7328	\$ 25.4754	\$ 25.4335

Note:

2011-2012 rates removed, as 2011-2012 LRAMVA was disposed in the 2015 COS rate case.

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA						
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
Consumer Program												
1	Appliance Retirement	Verified	12	16	106,705	100%						100%
2	Appliance Exchange	Verified	12	3	4,047	100%						100%
3	HVAC Incentives	Verified	12	67	133,752	100%						100%
4	Conservation Instant Coupon Booklet	Verified	12	8	132,210	100%						100%
5	Bi-Annual Retailer Event	Verified	12	9	156,717	100%						100%
6	Retailer Co-op	Verified	12			100%						100%
7	Residential Demand Response	Verified	12			100%						100%
8	Residential New Construction	Verified	12			100%						100%
	Adjustments to 2011 results (if any)	True-up	12	-14	-16,563	100%						100%
Business Program												
9	Retrofit	Verified	12	118	959,325		20%	80%				100%
10	Direct Install Lighting	Verified	12	207	541,233		100%					100%
11	Building Commissioning	Verified	3									
12	New Construction	Verified	12									
13	Energy Audit	Verified	12					100%				100%
14	Commercial Demand Response (part of residential program)	Verified	12									
15	Demand Response 3	Verified	12	455	17,768							
	Adjustments to 2011 results (if any)	True-up	12	77	300,920		24%	73%				
Industrial Program												
16	Process & System Upgrades	Verified	12									
17	Monitoring & Targeting	Verified	12									
18	Energy Manager	Verified	12									
19	Retrofit	Verified	12	11	70,290		10%	90%				100%
20	Demand Response 3	Verified	12									
	Adjustments to 2011 results (if any)	True-up	12									
Home Assistance Program												
21	Home Assistance Program	Verified	12				100%					100%
	Adjustments to 2011 results (if any)	True-up	12									
Pre-2011 Programs completed in 2011												
22	Electricity Retrofit Incentive Program	Verified	12	102	491,904		25%	75%				100%
23	High Performance New Construction	Verified	12	27	139,326			100%				100%
24	Toronto Comprehensive	Verified	12									
25	Multifamily Energy Efficiency Rebates	Verified	12									
	Adjustments to 2011 results (if any)	True-up	12	0	-1,476			100%				
	Total kWh					516,867	856,649					1,373,517
	Total kWh (excludes DR)					516,867	856,649					
	Total GS > 50 kW							3,167				3,167
	Total GS > 50 kW (excludes Building Commissioning)							3,167				
Distribution Rate in 2011												
Lost Revenue in 2011												
2011 Savings Persisting in 2012						516,867	855,925	3,167				
2011 Savings Persisting in 2013						516,867	849,375	3,167				
2011 Savings Persisting in 2014						515,595	721,707	3,074				

Note: Persistence of 2011 load impact removed for 2015 on, as the 2011 CDM impact would be embedded in the load forecast base numbers in the 2015 COS load forecast.

Table 8. 2012 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA						
				2012 kW Saved	2012 kWh Saved	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
Consumer Program												
1	Appliance Retirement	Verified	12	7	50,114	100%						100%
2	Appliance Exchange	Verified	12	0	782	100%						100%
3	HVAC Incentives	Verified	12	47	90,414	100%						100%
4	Conservation Instant Coupon Booklet	Verified	12	1	7,456	100%						100%
5	Bi-Annual Retailer Event	Verified	12	8	142,821	100%						100%
6	Retailer Co-op	Verified	12			100%						100%
7	Residential Demand Response (switch/past)	Verified	12			100%						100%
8	Residential Demand Response (IHD)	Verified	12			100%						100%
9	Residential New Construction	Verified	12			100%						100%
	Adjustments to 2012 results (if any)	True-up	12	1	2,995	100%						
Business Program												
10	Retrofit	Verified	12	285	1,373,684		18%	82%				100%
11	Direct Install Lighting	Verified	12	117	460,482		96%	4%				100%
12	Building Commissioning	Verified	3									
13	New Construction	Verified	12									
14	Energy Audit	Verified	12	16	75,529			100%				100%
15	Small Commercial Demand Response (switch/past)	Verified	12					100%				100%
16	Small Commercial Demand Response (IHD)	Verified	12					100%				100%
17	Demand Response 3	Verified	12	456	6,634							
	Adjustments to 2012 results (if any)	True-up	12	2	-155,809		16%	35%				
Industrial Program												
18	Process & System Upgrades	Verified	12									
19	Monitoring & Targeting	Verified	12									
20	Energy Manager	Verified	12									
21	Retrofit	Verified	12									
22	Demand Response 3	Verified	12									
	Adjustments to 2012 results (if any)	True-up	12									
Home Assistance Program												
23	Home Assistance Program	Verified	12	1	29,252		100%					100%
	Adjustments to 2012 results (if any)	True-up	12									
Pre-2011 Programs completed in 2011												
24	Electricity Retrofit Incentive Program	Verified	12	1	584			100%				100%
25	High Performance New Construction	Verified	12									
26	Toronto Comprehensive	Verified	12									
27	Multifamily Energy Efficiency Rebates	Verified	12									
28	LDC Custom Programs	Verified	12									
	Adjustments to 2012 results (if any)	True-up	12									
Other												
29	Program Enabled Savings	Verified	12									
30	Time-of-Use Savings	Verified	12									
	Adjustments to 2012 results (if any)	True-up	12									
	Total kWh					323,834	664,057					987,891
	Total kWh (excludes DR)					323,834	664,057					
	Total GS > 50 kW							3,062				3,062
	Total GS > 50 kW (excludes Building Commissioning)							3,062			1,025	4,087
Distribution Rate in 2012												
Lost Revenue in 2012 from 2011 programs												
Lost Revenue in 2012 from 2012 programs												
Total Lost Revenue in 2012												
2012 Savings Persisting in 2013						323,834	660,988	3,011			1,777	
2012 Savings Persisting in 2014						323,834	653,971	2,977			2,536	

Note: Persistence of 2012 load impact removed for 2015 on, as the 2012 CDM impact would be embedded in the load forecast base numbers in the 2015 COS load forecast.
 The kWh assigned to street lighting projects by the IESO have been manually removed from the Retrofit program results and the actual kW that customer bills were reduced was included in the total kW load impact.
 The street lighting calculations can be found in Tables 23 and 24 in tab 8. Street lighting.

Table 9. 2013 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							Total	
				2013 kW Saved	2013 kWh Saved	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
						kWh	kWh	kW	kW	kWh	kW	kW		
Consumer Program														
1	Appliance Retirement	Verified	12	7	44,140	100%							100%	
2	Appliance Exchange	Verified	12	4	6,280	100%							100%	
3	HVAC Incentives	Verified	12	37	70,397	100%							100%	
4	Conservation Instant Coupon Booklet	Verified	12	3	41,103	100%							100%	
5	Bi-Annual Retailer Event	Verified	12	6	91,616	100%							100%	
6	Retailer Co-op	Verified	12			100%							100%	
7	Residential Demand Response (switch/pstat)	Verified				100%							100%	
8	Residential Demand Response (IHD)	Verified				100%							100%	
9	Residential New Construction	Verified	12			100%							100%	
	Adjustments to 2013 results (if any)	True-up	12	1	2,438	100%								
Business Program														
10	Retrofit	Verified	12	171	727,290		10%	90%					100%	
11	Direct Install Lighting	Verified	12	145	532,451		92%	8%					100%	
12	Building Commissioning	Verified	3											
13	New Construction	Verified	12											
14	Energy Audit	Verified	12					100%					100%	
15	Small Commercial Demand Response (switch/pstat)	Verified												
16	Small Commercial Demand Response (IHD)	Verified												
17	Demand Response 3	Verified		463	6,181									
	Adjustments to 2013 results (if any)	True-up	12	522	323,095		9%	90%						
Industrial Program														
18	Process & System Upgrades	Verified	12											
19	Monitoring & Targeting	Verified	12											
20	Energy Manager	Verified	12					34%	66%				100%	
21	Retrofit	Verified	12											
22	Demand Response 3	Verified		570	12,971									
	Adjustments to 2013 results (if any)	True-up	12	5	28,800			34%	66%					
Home Assistance Program														
23	Home Assistance Program	Verified	12	76	732,159	100%							100%	
	Adjustments to 2013 results (if any)	True-up	12	18	168,538	100%								
Pre-2011 Programs completed in 2011														
24	Electricity Retrofit Incentive Program	Verified	12											
25	High Performance New Construction	Verified	12											
26	Toronto Comprehensive	Verified	12											
27	Multifamily Energy Efficiency Rebates	Verified	12											
28	LDC Custom Programs	Verified	12											
	Adjustments to 2013 results (if any)	True-up	12											
Other														
29	Program Enabled Savings	Verified	12					100%					100%	
30	Time-of-Use Savings	Verified	12											
	Adjustments to 2013 results (if any)	True-up	12											
Total kWh						1,156,672	610,045						1,766,717	
Total kWh (excludes DR)						1,156,672	610,045							
Total GS > 50 kW								7,657	40				7,697	
Total GS > 50 kW (excludes Building Commissioning)								7,657	40					
Total kWh from adjustments to 2013 results						170,976	47,461						218,437	
Total GS > 50 kW from adjustments to 2013 results								5,672	40				5,712	
Distribution Rate in 2013								\$0.0128	\$0.0164	\$2.0463	\$1.0866	\$0.0158	\$15.0573	\$25.4768
Lost Revenue in 2013 from 2011 programs														
Lost Revenue in 2013 from 2012 programs														
Total Lost Revenue in 2013								\$2,188	\$778	\$11,606	\$43			\$14,616
2013 Savings Persisting in 2014								1,132,093	609,244	7,632	40			\$14,616

Note: Persistence of 2013 load impact removed for 2015 on, as the 2013 CDM impact would be embedded in the load forecast base numbers in the 2015 COS load forecast.
 The kWh assigned to street lighting projects by the IESO have been manually removed from the Retrofit program results and the actual kW that customer bills were reduced was included in the total kW load impact.
 The lost revenue in 2013 from 2011-2013 CDM programs was disposed in the 2015 COS rate case. Only the lost revenue from 2013 adjustments included with the 2014 final results are calculated.

Table 10. 2014 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							Total	
				2014 kW Saved	2014 kWh Saved	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
Consumer Program														
1	Appliance Retirement	Verified	12	6	36,095	100%							100%	
2	Appliance Exchange	Verified	12	8	14,039	100%							100%	
3	HVAC Incentives	Verified	12	64	122,815	100%							100%	
4	Conservation Instant Coupon Booklet	Verified	12	11	153,000	100%							100%	
5	Bi-Annual Retailer Event	Verified	12	43	856,413	100%							100%	
6	Retailer Co-op	Verified	12			100%							100%	
7	Residential Demand Response (switch/pstat)	Verified		99		100%							100%	
8	Residential Demand Response (IHD)	Verified				100%							100%	
9	Residential New Construction	Verified	12			100%							100%	
	Adjustments to 2014 results (if any)	True-up	12											
Business Program														
10	Retrofit	Verified	12	170	1,287,576		10%	62%	28%				100%	
11	Direct Install Lighting	Verified	12	152	558,707		86%	14%					100%	
12	Building Commissioning	Verified	3											
13	New Construction	Verified	12	252	68,104		40%	60%					100%	
14	Energy Audit	Verified	12											
15	Small Commercial Demand Response (switch/pstat)	Verified		2			100%						100%	
16	Small Commercial Demand Response (IHD)	Verified												
17	Demand Response 3	Verified		463				100%					100%	
	Adjustments to 2014 results (if any)	True-up	12											
Industrial Program														
18	Process & System Upgrades	Verified	12											
19	Monitoring & Targeting	Verified	12											
20	Energy Manager	Verified	12		2,592			33%	67%				100%	
21	Retrofit	Verified	12											
22	Demand Response 3	Verified												
	Adjustments to 2014 results (if any)	True-up	12											
Home Assistance Program														
23	Home Assistance Program	Verified	12	20	230,488	100%							100%	
	Adjustments to 2014 results (if any)	True-up	12											
Pre-2011 Programs completed in 2011														
24	Electricity Retrofit Incentive Program	Verified	12											
25	High Performance New Construction	Verified	12											
26	Toronto Comprehensive	Verified	12											
27	Multifamily Energy Efficiency Rebates	Verified	12											
28	LDC Custom Programs	Verified	12											
	Adjustments to 2014 results (if any)	True-up	12											
Other														
29	Program Enabled Savings	Verified	12											
30	Time-of-Use Savings	Verified	12		208									
	Adjustments to 2014 results (if any)	True-up	12											
Total kWh						1,211,850	636,487						1,848,338	
Total kWh (excludes DR)						1,211,850	636,487							
Total GS > 50 kW								3,339	571				3,910	
Total GS > 50 kW (excludes Building Commissioning)								3,339	571					
Distribution Rate in 2014								\$0.0129	\$0.0165	\$2.0693	\$1.0985	\$0.0160	\$15.2184	\$25.7328
Lost Revenue in 2014 from 2011 programs								\$6,651	\$11,908	\$6,360				\$24,920
Lost Revenue in 2014 from 2012 programs								\$4,177	\$10,791	\$6,161			\$65,248	\$86,376
Lost Revenue in 2014 from 2013 programs								\$14,604	\$10,053	\$15,793	\$44			\$40,494
Lost Revenue in 2014 from 2014 programs								\$15,633	\$10,592	\$9,908	\$628			\$33,671
Total Lost Revenue in 2014								\$41,066	\$43,253	\$35,223	\$672		\$65,248	\$185,461

LRAMVA Work Form: 2015 Lost Revenues Work Form

2015 Lost Revenues Work Form

Instruction

LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a Cost of Service application.

Lost revenues for the period prior to rebasing should be included within the LDCs load forecast on a go forward basis, negating the need for perpetual LRAMVA claims related to persisting savings from historic programs.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates).

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 11-a. 2015 LRAM Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Energy Savings (kWh)	Net Incremental Peak Demand Savings (kW)	Rate Allocation for LRAMVA								
						2015 kWh saved	2015 kW saved	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Commercial & Industrial	Sentinel Lighting	Street Lighting
2011-2014+2015 Extension Legacy Framework Programs														
Residential Program														
1	Coupon Initiative	Verified	12					100%					100%	
2	Bi-Annual Retailer Event Initiative	Verified	12					100%					100%	
3	Appliance Retirement Initiative	Verified	12					100%					100%	
5	HVAC Incentives Initiative	Verified	12					100%					100%	
6	Residential New Construction and Major Renovation Initiative	Verified	12					100%					100%	
	Adjustments to 2015 results (if any)	True-up	12											
Commercial & Institutional Program														
7	Energy Audit Initiative	Verified	12					100%					100%	
8	Efficiency: Equipment Replacement Incentive Initiative	Verified	12					11%	57%	32%			100%	
9	Direct Install Lighting and Water Heating Initiative	Verified	12					100%					100%	
10	New Construction and Major Renovation Initiative	Verified	12					100%					100%	
11	Existing Building Commissioning Incentive	Verified	3											
	Adjustments to 2015 results (if any)	True-up	12											
Industrial Program														
12	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	12											
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	12											
14	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	12						100%				100%	
	Adjustments to 2015 results (if any)	True-up	12											
Low Income Program														
15	Low Income Initiative	Verified	12											
	Adjustments to 2015 results (if any)	True-up	12											
Pilots														
16	Loblaws Pilot	Verified	12											
17	Social Benchmarking Pilot	Verified	12											
18	Conservation Fund Pilot - SEG	Verified	12											
19	Conservation Fund Pilot - EnerNOC	Verified	12											
	Adjustments to 2015 results (if any)	True-up	12											
2015-2020 Conservation First Framework Programs														
Residential Province-Wide Programs														
21	Save on Energy Coupon Program	Verified	12					100%					100%	
22	Save on Energy Heating and Cooling Program	Verified	12					100%					100%	
23	Save on Energy New Construction Program	Verified	12					100%					100%	
24	Save on Energy Home Assistance Program	Verified	12					100%					100%	
	Adjustments to 2015 results (if any)	True-up	12											
Non-Residential Province-Wide Programs														
25	Save on Energy Audit Funding Program	Verified	12					100%					100%	
26	Save on Energy Retrofit Program	Verified	12					100%					100%	
27	Save on Energy Small Business Lighting	Verified	12					100%					100%	
28	Save on Energy High Performance New Construction Program	Verified	12					100%					100%	
29	Save on Energy Existing Building Commissioning Program	Verified	3					100%					100%	
30	Save on Energy Process & Systems Upgrades Program	Verified	12					100%					100%	
31	Save on Energy Monitoring & Targeting Program	Verified	12					100%					100%	
32	Save on Energy Energy Manager Program	Verified	12					100%					100%	
	Adjustments to 2015 results (if any)	True-up	12											
Local & Regional Programs														
33	Business Refrigeration Local Program	Verified	12					1					100%	
34	First Nation Conservation Local Program	Verified	12					1					100%	
35	Social Benchmarking Local Program	Verified	12					1					100%	
	Adjustments to 2015 results (if any)	True-up	12											
Pilot Programs														
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified	12					100%					100%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified	12					100%					100%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified	12					100%					100%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified	12					100%					100%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	12					100%					100%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	12					100%					100%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	12					100%					100%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified	12					100%					100%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified	12					100%					100%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified	12					100%					100%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified	12					100%					100%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	12					100%					100%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	12					100%					100%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified	12					100%					100%	
	Adjustments to 2015 results (if any)	True-up	12											
	Total kWh													
	Total GS > 50 kW													
	Total GS > 50 kW (excludes Building Commissioning)													
	Distribution Rate in 2015							\$0.0135	\$0.0172	\$2.2633	\$1.1244	\$0.0140	\$15.8843	\$25.4754
	Lost Revenue in 2015 from 2011 programs													
	Lost Revenue in 2015 from 2012 programs													
	Lost Revenue in 2015 from 2013 programs													
	Lost Revenue in 2015 from 2014 programs													
	Lost Revenue in 2015 from 2015 programs													
	Total Lost Revenue in 2015													

LRAMVA Work Form: Persistence Rates

Persistence Rates

Instruction

To apply persistence factors to previous year's savings, this can be determined by taking the ratio of verified savings to the savings that occurred in the first year the program began. Please update the summary tables (highlighted blue boxes) with the verified results provided by the IESO. For 2011-2014 programs, these tables refer to Tables 4 and 5 (Summary Achievement Against CDM Targets). The verified results include adjustments. In the event that an LDC uses initiative level persistence, the LDC must provide these calculations in a new table below those provided here.

The persistence factors will autopopulate on the LRAM forms.
This form may need to be updated with IESO data on persistence of 2011-2014 programs into 2015-2020 term.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Note Tables 12 - 15 are not used and instead actual persistence from the IESO is used and these Tables are therefore hidden. These values are shown in Tables 16-22.

Table 16. Persistence by Program from the IESO for 2011 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)		
	2012	2013	2014	2015	2016	2012	2013	2014
Consumer Program								
Appliance Retirement	16	16	15	10		106,705	106,705	105,998
Appliance Exchange	3	3	2			4,047	4,047	3,482
HVAC Incentives	67	67	67	67	67	133,752	133,752	133,752
Conservation Instant								
Coupon Booklet	8	8	8	7	7	132,210	132,210	132,210
Bi-Annual Retailer Event	9	9	9	8	8	156,717	156,717	156,717
Retailer Co-op								
Residential Demand Response								
Residential New								
<small>Hidden row to match structure in Table 7</small>								
Consumer Program Total	101	101	100	92	81	533,430	533,430	532,158
Business Program								
Retrofit	118	118	118	118	118	559,325	559,325	559,325
Direct Install Lighting	206	205	168	168	167	540,508	535,097	428,408
Building Commissioning								
New Construction								
Energy Audit								
Small Commercial Demand								
Response								
Demand Response 3								
<small>Hidden row to match structure in Table 7</small>								
Business Program Total	325	323	286	286	285	1,099,833	1,094,422	987,733
Industrial Program								
Process & System Upgrades								
Monitoring & Targeting								
Energy Manager								
Retrofit	11	11	11	11	11	70,290	70,290	70,290
Demand Response 3								
<small>Hidden row to match structure in Table 7</small>								
Industrial Program Total	11	11	11	11	11	70,290	70,290	70,290
Home Assistance Program								
Home Assistance Program								
<small>Hidden row to match structure in Table 7</small>								
Home Assistance Program Total								
Pre-2011 Programs completed in 2011								
Electricity Retrofit Incentive Program	102	102	102	102	102	491,904	491,904	491,904
High Performance New Construction	27	27	27	27	27	139,326	139,326	139,326
Toronto Comprehensive Multifamily Energy Efficiency Rebates								
LDC Custom Programs								
<small>Hidden row to match structure in Table 7</small>								
Pre-2011 Programs completed in 2011 Total	129	129	129	129	129	631,229	631,229	631,229
<small>Hidden row to match structure in Table 7</small>								
Totals	566	564	526	518	506	2,334,783	2,329,372	2,221,410

Table 17. Persistence by Program from the IESO for 2012 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)		
	2012	2013	2014	2015	2016	2012	2013	2014
Consumer Program								
Appliance Retirement	7	7	7	7	5	50,114	50,114	50,114
Appliance Exchange	0	0	0	0		782	782	782
HVAC Incentives	47	47	47	47	47	90,414	90,414	90,414
Conservation Instant								
Coupon Booklet	1	1	1	1	1	7,456	7,456	7,456
Bi-Annual Retailer Event	8	8	8	8	7	142,821	142,821	142,821
Retailer Co-Op								
Residential Demand Response (switch/pstat)								
Residential Demand Response (IHD)								
Residential New								
<small>Hidden row to match structure in Table 8</small>								
Consumer Program Total	64	64	64	64	60	291,587	291,587	291,587

Table 19. Persistence by Program from the IESO for 2011 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)			Incremental Energy Savings (kWh)		
	2012	2013	2014	2012	2013	2014
Consumer Program						
Appliance Retirement						
Appliance Exchange						
HVAC Incentives	-15	-15	-15	-29,676	-29,676	-29,676
Conservation Instant						
Coupon Booklet	0	0	0	1,470	1,470	1,470
Bi-Annual Retailer Event	1	1	1	11,644	11,644	11,644
Retailer Co-Op						
Residential Demand Response (switch/pstat)						
Residential New						
<small>Hidden row to match structure in Table 7</small>						
Consumer Program Total	-14	-14	-14	-16,563	-16,563	-16,563
Business Program						
Retrofit	64	64	54	251,219	251,219	213,686
Direct Install Lighting	8	8	3	23,303	22,164	8,693
Building Commissioning						
New Construction						
Energy Audit	5	5	5	26,398	26,398	26,398
Small Commercial Demand						
Response						
Demand Response 3						
<small>Hidden row to match structure in Table 7</small>						
Business Program Total	77	77	62	300,920	299,781	248,777
Industrial Program						
Process & System Upgrades						
Monitoring & Targeting						
Energy Manager						
Retrofit						
Demand Response 3						
<small>Hidden row to match structure in Table 7</small>						
Industrial Program Total						
Home Assistance Program						
Home Assistance Program						
<small>Hidden row to match structure in Table 7</small>						
Home Assistance Program Total						
Pre-2011 Programs completed in 2011						
Electricity Retrofit Incentive Program						
High Performance New Construction	0	0	0	-1,476	-1,476	-1,476
Toronto Comprehensive Multifamily Energy Efficiency Rebates						
LDC Custom Programs						
<small>Hidden row to match structure in Table 7</small>						
Pre-2011 Programs completed in 2011	0	0	0	-1,476	-1,476	-1,476
<small>Hidden row to match structure in Table 7</small>						
Totals	63	62	48	282,882	281,742	230,738

Table 20. Persistence by Program from the IESO for 2012 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)			Incremental Energy Savings (kWh)		
	2012	2013	2014	2012	2013	2014
Consumer Program						
Appliance Retirement						
Appliance Exchange						
HVAC Incentives		1	1	2,995	2,995	2,995
Conservation Instant						
Coupon Booklet						
Bi-Annual Retailer Event						
Retailer Co-Op						
Residential Demand Response (switch/pstat)						
Residential Demand Response (IHD)						
Residential New						
<small>Hidden row to match structure in Table 8</small>						
Consumer Program Total		1	1	2,995	2,995	2,995

Business Program						
Retrofit	280	277	276	276	1,356,633	1,345,456
Direct Install Lighting	117	115	74	74	460,482	455,269
Building Commissioning						
New Construction						
Energy Audit	16	16	16		75,529	75,529
Small Commercial Demand Response (switch/pstat)						
Small Commercial Demand Response (IHD)						
Demand Response 3						
Hidden row to match structure in Table 8						
Business Program Total	412	407	366	350	1,892,644	1,876,254
Industrial Program						
Process & System Upgrades						
Monitoring & Targeting						
Energy Manager						
Retrofit						
Demand Response 3						
Hidden row to match structure in Table 8						
Industrial Program Total						
Hidden row to match structure in Table 8						
Home Assistance Program						
Home Assistance Program	1	1	1	1	29,252	29,252
Hidden row to match structure in Table 8						
Home Assistance Program Total	1	1	1	1		
Pre-2011 Programs completed in 2011						
Electricity Retrofit Incentive Program						
High Performance New Construction	1	1	1	1	584	584
Toronto Comprehensive Multifamily Energy Efficiency Rebates						
LDC Custom Programs						
Hidden row to match structure in Table 8						
Pre-2011 Programs completed in 2011 Total	1	1	1	1	584	584
Hidden row to match structure in Table 8						
Other						
Program Enabled Savings						
Time-of-Use Savings						
Hidden row to match structure in Table 8						
Other Total						
Notes:	478	473	431	412	2,199,441	2,183,050

Table 18. Persistence by Program from the IESO for 2013 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)		
	2012	2013	2014	2015	2016	2012	2013	2014
Consumer Program								
Appliance Retirement		7	7	7				44,140
Appliance Exchange		4	4	4				6,280
HVAC Incentives		37	37	37				70,397
Conservation Instant								
Coupon Booklet		3	3	2				41,103
Bi-Annual Retailer Event		6	6	5				91,616
Retailer Co-Op								
Residential Demand Response (switch/pstat)								
Residential Demand Response (IHD)								
Residential New								
Consumer Program Total		57	57	55				253,536
Business Program								
Retrofit		169	169	165				722,128
Direct Install Lighting		145	132	109				532,451
Building Commissioning								
New Construction								
Energy Audit								
Small Commercial Demand Response (switch/pstat)								
Small Commercial Demand Response (IHD)								
Demand Response 3								
Business Program Total		315	301	274				1,254,579
Industrial Program								
Process & System Upgrades								
Monitoring & Targeting								
Energy Manager								
Retrofit								
Demand Response 3								
Industrial Program Total								
Home Assistance Program								
Home Assistance Program		75	75	74				711,540
Home Assistance Program Total		75	75	74				711,540
Pre-2011 Programs completed in 2011								
Electricity Retrofit Incentive Program								
High Performance New Construction								
Toronto Comprehensive Multifamily Energy Efficiency Rebates								
LDC Custom Programs								
Pre-2011 Programs completed in 2011 Total								
Other								
Program Enabled Savings								
Time-of-Use Savings								
Other Total								
Totals		447	433	403				2,219,656

Note: Results for 2011 - 2013 (other than adjustments) were claimed in EB-2013-0157

Business Program				
Retrofit				(162,522) (162,522)
Direct Install Lighting	1	1		4,151 4,151
Building Commissioning				
New Construction				
Energy Audit	1	1		2,562 2,562
Small Commercial Demand Response (switch/pstat)				
Small Commercial Demand Response (IHD)				
Demand Response 3				
Business Program Total	2	2		-155,809 -155,809
Industrial Program				
Process & System				
Monitoring & Targeting				
Energy Manager				
Retrofit				
Demand Response 3				
Industrial Program Total				
Home Assistance Program				
Home Assistance Program				
Home Assistance Program Total				
Pre-2011 Programs completed in 2011				
Electricity Retrofit Incentive Program				
High Performance New Construction				
Toronto Comprehensive Multifamily Energy Efficiency Rebates				
LDC Custom Programs				
Pre-2011 Programs completed in 2011				
Other				
Program Enabled Savings				
Time-of-Use Savings				
Other Total				
Totals	3	3		-152,814 -152,814

Table 21. Persistence by Program from the IESO for 2013 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)			Incremental Energy Savings (kWh)		
	2012	2013	2014	2012	2013	2014
Consumer Program						
Appliance Retirement						
Appliance Exchange						
HVAC Incentives			1			2,312
Conservation Instant						
Coupon Booklet			0			126
Bi-Annual Retailer Event						
Retailer Co-Op						
Residential Demand Response (switch/pstat)						
Residential Demand Response (IHD)						
Residential New						
Consumer Program Total			1			2,438
Business Program						
Retrofit				513		471,770
Direct Install Lighting						
Building Commissioning						
New Construction						
Energy Audit			9			48,483
Small Commercial Demand Response (switch/pstat)						
Small Commercial Demand Response (IHD)						
Demand Response 3						
Business Program Total			522			520,253
Industrial Program						
Process & System						
Monitoring & Targeting						
Energy Manager			5			28,800
Retrofit						
Demand Response 3						
Industrial Program Total			5			28,800
Home Assistance Program						
Home Assistance Program			18			164,579
Home Assistance Program Total			18			164,579
Pre-2011 Programs completed in 2011						
Electricity Retrofit Incentive Program						
High Performance New Construction						
Toronto Comprehensive Multifamily Energy Efficiency Rebates						
LDC Custom Programs						
Pre-2011 Programs completed in 2011						
Other						
Program Enabled Savings						
Time-of-Use Savings						
Other Total						
Totals			546			716,070

Table 22. Persistence by Rate Class

Program year	Residential kWh	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattered kWh	Sentinel Lighting kW	Street Lighting kW	"--Unused - hide
2011								
in 2012	516,867	855,925	3,167					
in 2013	516,867	849,375	3,167					
in 2014	515,595	721,707	3,074					
2012								
in 2013	323,834	660,988	3,011				1,777	
in 2014	323,834	653,971	2,977				2,536	
2013								
in 2014	1,132,093	609,244	7,632	40				

Note Persistence of 2011-2013 load impact removed for 2015 on, as the 2011-2013 CDM impact would be embedded in the load forecast base numbers in the 2015 COS load forecast.

LRAMVA Work Form: Carrying Charges (by Rate Class)

Carrying Charges by Rate Class

Instruction

Please update the carrying charges in **Table 14**. The interest amounts per year will autopopulate in the LRAMVA Summary Table in **Tab 1**.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Please note that the carrying charges below pertain to the amount credited or debited to ratepayers based on how much was originally collected from the interest on the load forecast. As the amounts shown are running totals, please clear the yearly amounts once the LRAM claims are approved in order to cancel prior year interest collections.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 14: Prescribed Interest Rates

Quarter	Approved Deferral and Variance Accounts	Interest Rate
2011 Q1		1.47%
2011 Q2		1.47%
2011 Q3		1.47%
2011 Q4		1.47%
2012 Q1		1.47%
2012 Q2		1.47%
2012 Q3		1.47%
2012 Q4		1.47%
2013 Q1		1.47%
2013 Q2		1.47%
2013 Q3		1.47%
2013 Q4		1.47%
2014 Q1		1.47%
2014 Q2		1.47%
2014 Q3		1.47%
2014 Q4		1.47%
2015 Q1		1.47%
2015 Q2		1.10%
2015 Q3		1.10%
2015 Q4		1.10%
2016 Q1		1.10%
2016 Q2		1.10%
2016 Q3		1.10%
2016 Q4		1.10%
2017 Q1		1.10%
2017 Q2		1.10%
2017 Q3		1.10%
2017 Q4		1.10%
2018 Q1		
2018 Q2		
2018 Q3		
2018 Q4		
2019 Q1		
2019 Q2		
2019 Q3		
2019 Q4		
2020 Q1		
2020 Q2		
2020 Q3		
2020 Q4		

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Table 15: Calculation of Carrying Costs by Rate Class

Month	Interest for CDM year	Quarter	Monthly Rate	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scatterer	Sentinel Lighting	Street Lighting	"-Unused - hide	Total	
Jan-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Feb-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Mar-11	2011	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Apr-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
May-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Jun-11	2011	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Jul-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Aug-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Sep-11	2011	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Oct-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Nov-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Dec-11	2011	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Total for fiscal year 2011				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Amount Cleared													
Opening Balance for fiscal year 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jan-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Feb-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Mar-12	2011-2012	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Apr-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
May-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Jun-12	2011-2012	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Jul-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Aug-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Sep-12	2011-2012	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Oct-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Nov-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Dec-12	2011-2012	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Total for fiscal year 2012				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Amount Cleared													
Opening Balance for fiscal year 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Jan-13	2011-2013	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
Feb-13	2011-2013	Q1	0.12%	\$0.22	\$0.08	\$1.18	\$0.00	\$0.00	\$0.00	\$0.00		\$1.49	
Mar-13	2011-2013	Q1	0.12%	\$0.45	\$0.16	\$2.37	\$0.01	\$0.00	\$0.00	\$0.00		\$2.98	
Apr-13	2011-2013	Q2	0.12%	\$0.67	\$0.24	\$3.55	\$0.01	\$0.00	\$0.00	\$0.00		\$4.48	
May-13	2011-2013	Q2	0.12%	\$0.89	\$0.32	\$4.74	\$0.02	\$0.00	\$0.00	\$0.00		\$5.97	
Jun-13	2011-2013	Q2	0.12%	\$1.12	\$0.40	\$5.92	\$0.02	\$0.00	\$0.00	\$0.00		\$7.46	
Jul-13	2011-2013	Q3	0.12%	\$1.34	\$0.48	\$7.11	\$0.03	\$0.00	\$0.00	\$0.00		\$8.95	
Aug-13	2011-2013	Q3	0.12%	\$1.56	\$0.56	\$8.29	\$0.03	\$0.00	\$0.00	\$0.00		\$10.44	
Sep-13	2011-2013	Q3	0.12%	\$1.79	\$0.64	\$9.48	\$0.04	\$0.00	\$0.00	\$0.00		\$11.94	
Oct-13	2011-2013	Q4	0.12%	\$2.01	\$0.72	\$10.66	\$0.04	\$0.00	\$0.00	\$0.00		\$13.43	
Nov-13	2011-2013	Q4	0.12%	\$2.23	\$0.79	\$11.85	\$0.04	\$0.00	\$0.00	\$0.00		\$14.92	
Dec-13	2011-2013	Q4	0.12%	\$2.45	\$0.87	\$13.03	\$0.05	\$0.00	\$0.00	\$0.00		\$16.41	
Total for fiscal year 2013				\$14.74	\$5.24	\$78.19	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$98.48
Amount Cleared													
Opening Balance for fiscal year 2014				\$14.74	\$5.24	\$78.19	\$0.29	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$98.48
Jan-14	2011-2014	Q1	0.12%	\$2.68	\$0.95	\$14.22	\$0.05	\$0.00	\$0.00	\$0.00		\$17.90	
Feb-14	2011-2014	Q1	0.12%	\$6.87	\$5.37	\$17.81	\$0.12	\$0.00	\$0.00	\$6.66		\$36.84	
Mar-14	2011-2014	Q1	0.12%	\$11.07	\$9.78	\$21.41	\$0.19	\$0.00	\$0.00	\$13.32		\$55.77	
Apr-14	2011-2014	Q2	0.12%	\$15.26	\$14.20	\$25.00	\$0.26	\$0.00	\$0.00	\$19.98		\$74.70	
May-14	2011-2014	Q2	0.12%	\$19.45	\$18.62	\$28.60	\$0.33	\$0.00	\$0.00	\$26.64		\$93.63	
Jun-14	2011-2014	Q2	0.12%	\$23.64	\$23.03	\$32.20	\$0.40	\$0.00	\$0.00	\$33.30		\$112.57	
Jul-14	2011-2014	Q3	0.12%	\$27.83	\$27.45	\$35.79	\$0.46	\$0.00	\$0.00	\$39.96		\$131.50	
Aug-14	2011-2014	Q3	0.12%	\$32.03	\$31.86	\$39.39	\$0.53	\$0.00	\$0.00	\$46.62		\$150.43	
Sep-14	2011-2014	Q3	0.12%	\$36.22	\$36.28	\$42.98	\$0.60	\$0.00	\$0.00	\$53.29		\$169.36	
Oct-14	2011-2014	Q4	0.12%	\$40.41	\$40.69	\$46.58	\$0.67	\$0.00	\$0.00	\$59.95		\$188.30	
Nov-14	2011-2014	Q4	0.12%	\$44.60	\$45.11	\$50.17	\$0.74	\$0.00	\$0.00	\$66.61		\$207.23	
Dec-14	2011-2014	Q4	0.12%	\$48.79	\$49.52	\$53.77	\$0.81	\$0.00	\$0.00	\$73.27		\$226.16	
Total for fiscal year 2014				\$323.59	\$308.11	\$486.11	\$5.46	\$0.00	\$0.00	\$439.61	\$0.00	\$0.00	\$1,562.88
Amount Cleared													
Opening Balance for fiscal year 2015				\$323.59	\$308.11	\$486.11	\$5.46	\$0.00	\$0.00	\$439.61	\$0.00	\$0.00	\$1,562.88
Jan-15	2011-2015	Q1	0.12%	\$52.99	\$53.94	\$57.37	\$0.88	\$0.00	\$0.00	\$79.93		\$245.09	
Feb-15	2011-2015	Q1	0.12%	\$52.99	\$53.94	\$57.37	\$0.88	\$0.00	\$0.00	\$79.93		\$245.09	
Mar-15	2011-2015	Q1	0.12%	\$52.99	\$53.94	\$57.37	\$0.88	\$0.00	\$0.00	\$79.93		\$245.09	
Apr-15	2011-2015	Q2	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
May-15	2011-2015	Q2	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Jun-15	2011-2015	Q2	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Jul-15	2011-2015	Q3	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Aug-15	2011-2015	Q3	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Sep-15	2011-2015	Q3	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Oct-15	2011-2015	Q4	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Nov-15	2011-2015	Q4	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Dec-15	2011-2015	Q4	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Total for fiscal year 2015				\$839.40	\$833.18	\$1,044.55	\$13.98	\$0.00	\$0.00	\$1,217.68	\$0.00	\$0.00	\$3,948.79
Amount Cleared													
Opening Balance for fiscal year 2016				\$839.40	\$833.18	\$1,044.55	\$13.98	\$0.00	\$0.00	\$1,217.68	\$0.00	\$0.00	\$3,948.79
Jan-16	2011-2016	Q1	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Feb-16	2011-2016	Q1	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Mar-16	2011-2016	Q1	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Apr-16	2011-2016	Q2	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
May-16	2011-2016	Q2	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Jun-16	2011-2016	Q2	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Jul-16	2011-2016	Q3	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Aug-16	2011-2016	Q3	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Sep-16	2011-2016	Q3	0.09%	\$39.65	\$40.36	\$42.93	\$0.66	\$0.00	\$0.00	\$59.81		\$183.40	
Oct-16	2011-2016	Q4											

Table 23. Energy savings attributed to street lighting project in OPA results

Year	Gross	NTG	Net
2011			0.75
2012	790,509		0.77 608,692
2013	458,444		0.68 311,742
2014			0.72

Table 24. Actual lost revenue based on kW billing

Month	Billed kW	Gross kW reduction	NTG	Net kW reduction
Jan-11	764.38			
Feb-11	764.38			
Mar-11	764.38			
Apr-11	764.38			
May-11	764.38			
Jun-11	764.38			
Jul-11	764.38			
Aug-11	764.38			
Sep-11	764.38			
Oct-11	764.38			
Nov-11	699.03	65.35	0.75	49.0125
Dec-11	699.03	65.35	0.75	49.0125
2011 total		130.7		98.025
Jan-12	699.03	65.35	0.77	50.3195
Feb-12	699.03	65.35	0.77	50.3195
Mar-12	666.44	97.94	0.77	75.4138
Apr-12	666.45	97.93	0.77	75.4061
May-12	666.45	97.93	0.77	75.4061
Jun-12	666.45	97.93	0.77	75.4061
Jul-12	666.45	97.93	0.77	75.4061
Aug-12	631.11	133.27	0.77	102.6179
Sep-12	631.11	133.27	0.77	102.6179
Oct-12	624.96	139.42	0.77	107.3534
Nov-12	624.96	139.42	0.77	107.3534
Dec-12	599.4	164.98	0.77	127.0346
2012 total		1330.72		1024.6544
Jan-13	599.4	164.98	0.68	112.1864
Feb-13	599.4	164.98	0.68	112.1864
Mar-13	580.7	183.68	0.68	124.9024
Apr-13	580.4	183.98	0.68	125.1064
May-13	544.97	219.41	0.68	149.1988
Jun-13	544.97	219.41	0.68	149.1988
Jul-13	529.55	234.83	0.68	159.6844
Aug-13	529.55	234.83	0.68	159.6844
Sep-13	512.64	251.74	0.68	171.1832
Oct-13	512.64	251.74	0.68	171.1832
Nov-13	512.64	251.74	0.68	171.1832
Dec-13	512.64	251.74	0.68	171.1832
2013 total		2613.06		1776.8808
Jan-14	470.91	293.47	0.72	211.2984
Feb-14	470.91	293.47	0.72	211.2984
Mar-14	470.91	293.47	0.72	211.2984
Apr-14	470.91	293.47	0.72	211.2984
May-14	470.91	293.47	0.72	211.2984
Jun-14	470.91	293.47	0.72	211.2984
Jul-14	470.91	293.47	0.72	211.2984
Aug-14	470.91	293.47	0.72	211.2984
Sep-14	470.91	293.47	0.72	211.2984
Oct-14	470.91	293.47	0.72	211.2984
Nov-14	470.91	293.47	0.72	211.2984
Dec-14	470.91	293.47	0.72	211.2984
2014 total		3521.64		2535.5808

APPENDIX “F”

INDECO – 2013a – 2014 LRAMVA REPORT

North Bay Hydro Distribution Ltd. 2013a-2014 LRAMVA



North Bay Hydro Distribution Ltd. lost
revenue related to Conservation and
Demand Management

2013 adjustments and 2014



This document was prepared for North Bay Hydro Distribution Ltd. by IndEco Strategic Consulting Inc.

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IndEco report B6111

20 September 2016

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Introduction

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

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

North Bay Hydro Distribution Ltd. (NBHDL) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period. NBHDL is required to use “the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation.”² NBHDL has submitted an LRAMVA claim for 2011-2013 based on the final 2013 results released by the IESO in 2014 as part of NBHDL's 2015 cost of service application (EB-2014-0099). In September 2015, the IESO released adjustments to the 2013 results, as well as the final 2014 results.

In 2015, the Board decided to postpone disposition of LRAMVA claims so the Board could consider how best to deal with lost revenues related to demand response programs that had arisen as an issue in multiple LRAMVA claims. With that resolved, updated calculations taking into account the Board's decision on demand response programs, and including final results for 2014, are reported in this document.

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

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

The future impacts of CDM were estimated as part of the load forecast for NBHDL's 2010 cost of service rate case (EB-2009-0270), however these only accounted for programs offered in 2009 and 2010, and not programs offered later than 2010. These were updated in NBHDL's 2015 Cost of Service application, but do not affect claims through December 2014. This report, and the associated OEB LRAMVA work form, show the variance account balance for the following revenue losses:

- Lost revenues in 2013 related to adjustments to results for 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 variances through April 2017 are also reported.

Methodology

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

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

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

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

CDM results

From 2011 through 2014, NBHDL offered provincial programs in partnership with the Independent Electricity System Operator (IESO). NBHDL 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. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year, as well as for adjustments.

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

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

Allocating results to rate classes

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

Application of reported results

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

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

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

⁴ *Ibid.* p. 7.

Load reductions accounted for in the load forecast

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

Overall impact of CDM on load, by rate class

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

Distribution rates

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

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

Lost revenues variance

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.⁵ The variance is the difference between these lost revenues and the quantity of CDM in the load forecast, or what is called 'the LRAMVA threshold'.

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

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

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

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

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

Results

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

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation report from the IESO was used in support of the lost revenue calculations. A working Microsoft Excel file copy of the IESO evaluation report has been provided separately to NBHDL. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for North Bay Hydro Distribution Ltd.* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for North Bay Hydro Distribution Ltd.* file released by the IESO on September 1, 2015.

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

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

Street lighting project

Between November 2011 and January 2014, the City of North Bay undertook a project under the Retrofit Program to retrofit streetlights to a more energy efficient light emitting diode (LED) technology. The retrofit was undertaken incrementally over the course of the project. North Bay Hydro worked with the City of North Bay to calculate the reduction in load from street lighting upgrades on a regular basis over the course of the project. North Bay Hydro's revenue from the Street Lighting rate class is based on kilowatts (kW) of demand. The actual billed kW for each month and the associated reduction from the October 2011 baseline value are shown in Table 24 in Tab 8 of the OEB LRAMVA work form.

The IESO included the calculated kilowatt hours (kWh) of energy savings from the street lighting project in North Bay Hydro's 2013 results and 2012 adjustments. These values are included in the table below:

Year	Gross savings (kWh)	Net to gross ratio	Net savings (kWh)
2012	790,509	0.77	608,692
2013	458,444	0.68	311,742

As the street lighting rate class is billed by kW, the calculated kWh savings from the Retrofit project do not impact North Bay Hydro's revenue. Thus, the calculated kWh of savings have been manually removed from the persistence through 2014 of the 2013 results and 2012 adjustments for the 2014 lost revenue calculations. The actual lost revenue from the street lighting retrofit project in 2014 has been calculated directed by multiplying the 2014 net demand reduction from the project in 2014 by the 2014 Street Lighting rate.

Allocating results to rate classes

NBHDL 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 NBHDL has no program results.

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

- Residential (kWh)
- GS < 50 kW (kWh)
- GS 50 to 2,999 kW (kW)
- GS 3,000 to 4,999 kW (kW)
- Unmetered scattered load (kWh)
- Sentinel lighting (kW)
- Street lighting (kW).

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

adjustments. Table 10 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results.

Load reductions accounted for in the load forecast

NBHDL's previous cost of service application was filed for the 2010 rate year (EB-2009-0270). The load forecast associated with that application accounted for estimated load losses from 2009 – 2010 CDM programs. In NBHDL's cost of service application for the 2015 rate year (EB-2014-0096), NBHDL updated the load forecast for 2015 and beyond to capture the impact of CDM programs offered in 2014 and 2015. Neither of these forecasts includes results from 2011 – 2014 programs in 2013 and 2014.

Consequently, Table 3 of the OEB LRAMVA work form is blank (indicating zero kWh or kW for 2011 – 2014 programs in 2013 and 2014 are included in the load forecast).

Overall impact of CDM on load, by rate class

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

The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013 adjustments. The bottom of Table 10 of the OEB LRAMVA work form shows the overall impact of 2014 programs on load by rate class for 2014.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for NBHDL are shown in Table 5 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in the 2013 to 2014 time period. Table 6 of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year.

Lost revenues

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

the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

The lost revenue for 2013 adjustments and 2014 programs is based on final verified results provided by the IESO.

Carrying charges

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

Conclusions

The LRAMVA balance at the end of December 2014 for NBHDL that includes results from 2011 – 2014 CDM programs in 2014 and adjustments to 2013 program results in 2013 is \$200,077.00. The total carrying charges on this LRAMVA balance accumulated to April 30, 2017 are \$6,883.26. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$43,254.00	\$1,473.79	\$44,727.79
GS < 50 kW	\$44,031.63	\$1,478.98	\$45,510.61
GS 50 to 2,999 kW	\$46,828.76	\$1,731.37	\$48,560.13
GS 3,000 to 4,999 kW	\$715.01	\$24.47	\$739.48
Street Lighting	\$65,247.59	\$2,174.65	\$67,422.24
Total	\$200,077.00	\$6,883.26	\$206,960.25

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



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APPENDIX "G"

2015 RRR FILING 2.1.5.4 – DEMAND AND REVENUE

Table 3a

Total Metered Consumption (SSS + Retailer) by Detailed Rate Class

Metered consumption in kWhs and kW will auto-populate from Table 0 and Table 2b

The data populated in Table 3a will be used to further streamline the application process for formulaic adjustments to rates during an incentive rate-setting period.

Detailed Rate Class	Metered consumption in kWhs (a+c+e)	Metered consumption in kW (b+d+f)
Residential	196,730,101.00	0
General Service Less Than 50 kW	83,568,205.00	0
General Service 50 to 2,999 kW	216,238,874.00	537,897
General Service 3,000 to 4,999 kW	17,738,636.00	39,466
Sentinel Lighting	373,881.00	1,034
Street Lighting	2,036,369.00	5,690
Unmetered Scattered Load	42,934.00	0
General Service 50 to 2,999 kW - Embedded Distributor	0.00	0