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Monday, November 25, 2019

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 2019 Electricity Distribution Rates EB-2019-0057

North Bay Hydro Distribution Ltd. ("NBHDL") is pleased to submit to the Ontario Energy Board (the "Board") its 2020 electricity distribution rate application in accordance with the Board's *Process for 2020 Incentive Rate-setting Mechanism Distribution Rate Applications* guide as issued July 15, 2019 under the 4th Generation Incentive Rate-setting plan under the Price Cap IR method.

As previously communicated in its *2020 Cost of Service Application - Deferral Request* sent August 29, 2019, NBHDL intends to file in accordance with the 2019 IRM schedule in Tranche 4 with a deadline of November 25, 2019. 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;
- Confirmation of the applicant's internet address for purposes of viewing the application and related documents;
- 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 2019 Rate Generator Model and GA Analysis Workform are attached along with supporting documentation, tariff sheets and bill impact information. A Manager's Summary and Certification of Evidence are also attached to this letter.

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

NBHDL will post all relevant application documents on its website at www.northbayhydro.com.

The primary contact for this application is Micheal Roth, 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 2020 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 and GA Analysis Workform; and
(b) Two (2) paper copies of the application, including the Manager's Summary, the Rate Generator Model and the GA Analysis Workform.

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

Micheal Roth
Regulatory Manager
North Bay Hydro Distribution Limited
(705) 474-8100 (263)
mroth@northbayhydro.com

CERTIFICATION OF EVIDENCE

As President and Chief Operating Officer of North Bay Hydro Distribution Ltd. I certify that to the best of my knowledge:

a) the evidence filed in NBHDL's 2020 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 15, 2019;
b) the accuracy of the billing determinants for pre-populated models; and
c) that robust processes and internal controls are in place for the preparation, verification and oversight of variance account balances.

Respectfully submitted,
Matt Payne

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, 2020. 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, 2020, 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 2020 rates are approved. In the event that the effective date does not coincide with the Board's decided implementation date for 2020 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. NBHDL has filed four subsequent applications under the Board's 4th Generation Incentive Rate-making Mechanism (IRM4), under the Price Cap IR method, with the most recently approved 2019 IRM application (EB-2018-0057) submitted September 24, 2018 with rates set May 1, 2019. A copy of NBHDL's current Tariff of Rates and Charges, for rates effective and implemented May 1, 2019, is included as Appendix "A". Accordingly, this is NBHDL's fifth application under the Board's 4th Generation Incentive Rate-making Mechanism (IRM4). NBHDL has prepared the application in accordance with the Board's *Filing Requirements for Electricity Distribution Rate Applications – 2019 Edition for 2019 Rate Applications* (the "Filing Requirements") as amended July 15, 2019 and has adhered to Filing Instructions provided in the Board's 2020 IRM Rate Generator Model Version dated June 27, 2019 (20190808-v2), which incorporates the Retail Transmission Service Rates ("RTSR") model and the Tax Sharing model, referred to collectively as the "Model". The completed 2020 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 GA Analysis Workform as required in the Filing Requirements and this 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 1.2% 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 1.5%, reduced by the Productivity Factor of 0%, and reduced further by the Stretch Factor Value of 0.3% (Group III values);
- The continuation of the Low Voltage Service Rates as approved in the 2014 COS Application (EB-2014-0099);
- 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 and Rural Rate Protection Charge; 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 2020 Price Cap IR Application, NBHDL has relied upon the following OEB issued documents and guidelines:

- Chapter 3 of the *Addendum to Filing Requirements for Electricity Rate Applications – 2020 Rate Applications*, updated on July 15, 2019 ("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 – Class B and A Customers
    c. Global Adjustment - GA Analysis Workform
    d. Global Adjustment – Description of Settlement Process
    e. Commodity Accounts 1588 and 1589 - RPP Settlement True-Ups
    f. Commodity Accounts 1588 and 1589 - Certification of Evidence
    g. New Accounting Guidance 1588 and 1589
    h. Capacity Based Recovery (CBR)
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) 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 2018 IRM Rate Generator Model
- Appendix E GA Analysis Workform
- Appendix F 2018 RRR Filing 2.1.5.4 – Demand and Revenue
- Appendix G IndEco – LR Related to CDM 2015-2018 Report
- Appendix H 2020 LRAMVA Work Form

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 1.5% and the OEB has determined that the appropriate value for the productivity factor is zero. In letter issued Aug 15th, 2019 by the OEB to all licensed distributors titled *Incentive Rate Setting: 2018 Benchmarking Update for Determination of 2019 Stretch Factor Rankings - Board File No.: EB-2010-0379,* NBHDL was identified as having their cohort unchanged. That is, NBHDL is 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 1.2% 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. NBHDL has implemented this over a period of four years, beginning in 2016 and finalizing in the prior IRM application (EB-2018-0057).

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-2018-0057). 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 2018 annual filing, E2.1.5.4 –Demand and Revenue (see Appendix "F"). NBHDL 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 2018 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, 2019 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.

NBHDL has completed Tab "3. Continuity Schedule" of the Model and has reconciled December 31, 2018 audited balances with the April 30, 2018 RRR filing. The variance in cell "BW23" is a result of reclassifying the costs for Capacity Based Recovery ("CBR"). As of the 2016 RRR filing, these costs were included in Account 1580, however, the costs have now been segregated in the appropriate sub-accounts for Class A and Class B in the Model. The variance in cell "BW43" is the result of an updated LRAMVA report. Adjustments were made to the 2018 closing balances as well as the interest carried forward. See Appedices G and H for full details. 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 "F").

In the 2019 IRM (EB-2018-0057) NBHDL did not seek disposition of either Account 1568 or other Group 1 Accounts as they fell below the prescribed threshold.

For the 2018 period, the total claim balance in the Group 1 accounts (Accounts 1550, 1551, 1580, 1584, 1586, 1588, and 1589) is ($322,120) which leads to a threshold value test of ($0.0006/kWh) which does not exceed the materiality threshold of +/-$0.001/kWh as defined in the Filing Requirements. The balance is driven primarily by offsetting variances of Wholesale Market Service Charge (1580) of ($620,199) and Connection (1586) of $289,599. Section 3.2.5 of the 2020 Filing Requirements enables distributors to elect to dispose of balances that are below the threshold, however, NBHDL is not electing to do so. See Table 2 below for a complete Group 1 summary.

TABLE 2 – GROUP 1 ACCOUNTS

Group 1 Accounts:	Principal	Interest	Total
1550 - Low Voltage	$ 41,587	$ 2,145	$ 43,732
1551 - SME	$ (21,491)	$ (919)	$ (22,410)
1580 - WMS	$ (585,572)	$ (34,627)	$ (620,199)
1580 - WMS Sub-Account CBR Class B	$ (27,810)	$ (428)	$ (28,238)
1584 - Network	$ 7,031	$ (635)	$ 6,396
1586 - Connection	$ 285,447	$ 13,152	$ 298,599
Group 1 Disposition	**$ (300,808)**	**$ (21,312)**	**$ (322,120)**

NBHDL will defer disposition of sub-account 1595 (2018) until such time as the balances have been audited and a review has taken place for possible disposition. At that time, NBHDL will seek disposition of sub-account 1595 (2014), (2015), (2016) and (2017) as the amounts are immaterial (net of $45,896).

a) Wholesale Market Participants
NBHDL does not have any Wholesale Market Participant customers.

b) Global Adjustment (GA) – *Class B and A Customers*
NBHDL has served one (1) Class A participant beginning July 1, 2015 and continued to have only one Class A customer through June 2017. Since that time, with the expansion of the Industrial Conservation Initiative program, NBHDL transitioned 5 new customers to Class A, with 5 currently in the class. As no disposition is being sought for 2020 due to materiality, “Tab 6.1GA” has not been completed as the tab is hidden when there is not a proposed Group 1 disposition. NBHDL continues to track Class A and the transition in and out of the class so that when GA disposition is sought at a later time, the appropriate cost allocation can be completed.

c) Global Adjustment (GA) – *GA Analysis Workform*
NBHDL has completed the GA Analysis Workform, this is included in Appendix “E”.

d) Global Adjustment (GA) – *Description of Settlement Process*

In accordance with the Filing Guidelines, the description of NBHDL's settlement process is only required to be submitted if an aspect of the description has changed since previously filed or has not been previously filed in an application. NBHDL confirms that the settlement process description previously filed in the 2016 IRM (EB-2015-0092), 2017 IRM (EB-2016-0214) and 2018 IRM (EB-2017-0065) applications was not changed during the 2018 fiscal period.

e) Commodity Accounts 1588 and 1589 – *RPP Settlement True-Ups*

Effective May 23, 2017, per the OEB's letter titled *Guidance on Disposition of Accounts 1588 and 1589*, applicants must reflect RPP Settlement true-up claims pertaining to the period that is being requested for disposition in the RSVA Power (Account 1588) and RSVA GA (Account 1589) variance accounts. For the 2018 fiscal period, NBHDL incorporated the January 2019 settlement reconciliation (completed Feb 2019) into the standard year-end process. These reconciliations of 2018 billing data were then reflected in the 2018 audited balances through standard accrual accounting. The 2018 true-up reflected in the 2018 balances for accounts 1588 and 1589 were $57,537 and ($292,057) respectively.

f) Commodity Accounts 1588 and 1589 – *Certification of Evidence*

Given issues that have arisen with commodity accounts 1588 RSVA Power and 1589 RSVA GA balances, the OEB now requires a certification by the Chief Executive Officer (CEO), or Chief Financial Officer (CFO), or equivalent. The application must include a certification that the distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of the account balances being disposed, consistent with the certification requirements in Chapter 1 of the filing requirements. This certification has been provided.

g) New Accounting Guidance – 1588 and 1589

On February 21, 2019, the OEB released a letter entitled *Accounting guidance related to Accounts 1588 and 1589*. The direction provided by the OEB staff was a change in practice but not overall theory to NBHDL's current settlement process. Due to system limitations, NBHDL experienced an unforeseen delay in its implementation of the new standards effective August 31, 2019. NBHDL is working diligently to finalize its internal processes in order to compliant with OEB direction and the balances reported for the 2019 RRR filing will be consistent with the new accounting guidance. At this time, NBHDL is not currently seeking disposition of either 1588 or 1589; NBHDL will provide the OEB

with a review of historical balances, results of the review, and any adjustments when it seeks disposition at a future date.

h) Capacity Based Recover (CBR)
NBHDL served one (1) Class A participant beginning July 1, 2015 and continued to have only one Class A customer through June 2017. Since that time, with the expansion of the Industrial Conservation Initiative program, NBHDL transitioned a total of 5 new customers to Class A, with 5 currently enrolled. NBHDL continues to track Class A and the transition in and out of the class so that when CBR disposition is sought at a later time, the appropriate cost allocation can be completed.

6) LRAM Variance Account (LRAMVA)

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. NBHDL requested approval for the recovery of lost revenue resulting from its CDM programs in 2014 as part of its 2017 IRM application (EB-2016-0214). The final approved amount for recovery was $191,584, including carrying charges of $6,179

NBHDL is now proposing to seek recovery for lost revenues from CDM programs from 2015-2018 in the amount of $274,497 including $14,540 in carrying charges 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 "G". A summary of the proposed disposition amounts by class are provided in Table 4.

TABLE 4 – LRAMVA PROPOSED DISPOSTION AMOUNT

Rate Class	LRAMVA	Carry Charges	Total Claim
Residential	141,063	8,128	149,191
GS<50 kW	56,757	3,173	59,930
GS 50 TO 2,999 kW	53,944	2,724	56,668
GS 3,000 TO 4,999 kW	8,194	514	8,708
Total Claim	259,958	14,539	274,497

The recovery of which is proposed through the rate riders in Table 5.

TABLE 5 – LRAMVA PROPOSED RATE RIDERS

Rate Class	Rider Amount	Charge Unit
Residential	$ 0.0008	kWh
GS<50 kW	$ 0.0007	kWh
GS 50 TO 2,999 kW	$ 0.1090	kW
GS 3,000 TO 4,999 kW	$ 0.3146	kW

In accordance with the Filing Guidelines, NBHDL confirms the following:

- NBHDL has used the most recent input assumption at the time of program when calculating the lost revenue amount;
- The LRAMVA was based on savings from the Participation and Cost reports made available by the IESO;
- NBHDL has completed the LRAMVA WF, this is included in Appendix H.
- Carrying charges have been applied in accordance with the Filing Requirements and forecasted charges are calculated using the current prescribed rate of 2.18%; and
- This application includes the results of a Cogeneration project. The results of which are included in Appendix G and H.

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 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 2019 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 2018 as 10.17% and this figure was included on NBHDL's 2018 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 2019 rates, NBHDL proposes to maintain the low voltage service charge rates as approved in its current tariff sheet. However, it should be noted that the Tariff schedule provided in the IRM Model rounded NBHDL's LV rate to 4 decimal places instead of the 5 that have been previously approved. Residential, GS<50kW, and USML classes were listed in the model at 0.0001 instead

of 0.00007. As the provided workform is protected, NBHDL respectfully requests the OEB to take the rounding issues into consideration when issuing the Decision and Order.

13) Bill Impacts

Table 3 provides a summary of total bill impacts for the same rate classes/categories as those provided in "Tab 20.Bill Impacts" of the Model. The primary driver of the bill impacts shown in the columns related to sub-total A, B & C for GS 3,000 to 4,999 kW classes is the addition of the LRAMVA Rider and the increase in RTSR rates, however the total bill impacts for the class are 1.1%. The same drivers are responsible for the impacts of the GS>50class; NBHDL considers the overall total bill impacts to be reasonable.

TABLE 3 – PROPOSED BILL IMPACTS

Rate Classes	Categories	Units	Sub-Total						Total	
			A		B		C		A+B+C	
			$	%	$	%	$	%	$	%
Residential	RPP	kWh	$ 0.94	3.3%	$ 0.94	2.9%	$ 1.73	4.1%	$ 1.81	1.6%
GS<50 kW	RPP	kWh	$ 2.09	3.4%	$ 2.09	2.9%	$ 3.97	4.1%	$ 4.17	1.5%
GS 50 TO 2,999 kW	Non-RPP (Other)	kW	$ 67.48	4.5%	$ 67.48	4.5%	$ 234.01	6.4%	$ 264.43	0.9%
GS 3,000 to 4,999 kW	Non-RPP (Other)	kW	$ 869.54	9.1%	$ 869.54	9.0%	$ 1,959.86	9.0%	$ 2,214.64	1.1%
UMSL	RPP	kWh	$ 0.10	1.4%	$ 0.10	1.3%	$ 0.24	2.5%	$ 0.27	1.0%
Sentinel Lighting	RPP	kW	$ 0.27	1.2%	$ 0.27	1.2%	$ 0.55	2.1%	$ 0.62	1.4%
Street Lighting	Non-RPP (Other)	kW	$ 476.03	1.2%	$ 476.03	1.2%	$ 606.97	1.5%	$ 685.88	1.0%
Residential	RPP	kWh	$ 0.56	2.0%	$ 0.56	1.8%	$ 0.85	2.5%	$ 0.89	1.5%
Residential	Non-RPP (Retailer)	kWh	$ 0.94	3.3%	$ 0.94	2.8%	$ 1.73	4.0%	$ 1.95	1.3%
Residential	Non-RPP (Retailer)	kWh	$ 0.56	2.0%	$ 0.56	1.8%	$ 0.85	2.5%	$ 0.96	1.3%
GS<50 kW	Non-RPP (Retailer)	kWh	$ 2.09	3.4%	$ 2.09	2.8%	$ 3.97	4.0%	$ 4.49	1.2%

NBHDL's proposed tariff can be found in Appendix "B". Bill impacts by customer class are included in Appendix "C" and have also been updated to reflect NBHDL's proposal. The table below summarizes the monthly bill impacts by customer class.

TABLE 5 – BILL IMPACT SUMMARY

Class	Average Monthly Volume kWh	kW	RPP / Non-RPP	Total Current Bill	Total Proposed Bill	Total Bill Impact ($)	Total Bill Impact (%)
Residential	750	-	RPP	$ 112.83	$ 114.64	$ 1.81	1.60%
Residential - 10th Percentile	277	-	RPP	$ 61.22	$ 62.12	$ 0.90	1.47%
GS<50 kW	2,000	-	RPP	$ 282.61	$ 286.79	$ 4.18	1.48%
GS 50 TO 2,999 kW	-	455	Non-RPP	$ 30,025.83	$ 30,290.25	$ 264.42	0.88%
GS 3,000 TO 4,999 kW	-	2,400	Non-RPP	$ 204,839.21	$ 207,053.86	$ 2,214.65	1.08%
UMSL	150	-	RPP	$ 26.00	$ 26.28	$ 0.28	1.08%
Sentinel Lighting	-	1	RPP	$ 45.17	$ 45.79	$ 0.62	1.37%
Street Lighting	-	470	Non-RPP	$ 70,418.92	$ 71,104.80	$ 685.88	0.97%

14) 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

Schedule A

To Decision and Rate Order

Tariff of Rates and Charges

OEB File No: EB-2018-0057

DATED: March 28, 2019

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.70
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0064

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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

EB-2018-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	24.58
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0189
Low Voltage Service Rate	$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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

EB-2018-0057

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	310.47
Distribution Volumetric Rate	$/kW	2.5918
Low Voltage Service Rate	$/kW	0.0255
Retail Transmission Rate - Network Service Rate	$/kW	2.4823
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2452

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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

EB-2018-0057

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	6,621.61
Distribution Volumetric Rate	$/kW	1.2171
Low Voltage Service Rate	$/kW	0.0282
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.6331
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.4812

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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

EB-2018-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.44
Distribution Volumetric Rate	$/kWh	0.0125
Low Voltage Service Rate	$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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EB-2018-0057

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.01
Distribution Volumetric Rate	$/kW	17.4908
Low Voltage Service Rate	$/kW	0.0201
Retail Transmission Rate - Network Service Rate	$/kW	1.8814
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7718

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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EB-2018-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	4.98
Distribution Volumetric Rate	$/kW	26.7006
Low Voltage Service Rate	$/kW	0.0197
Retail Transmission Rate - Network Service Rate	$/kW	1.8722
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7355

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2019

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EB-2018-0057

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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EB-2018-0057

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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.

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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 (see Note below)

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)	$	43.63

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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EB-2018-0057

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.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity		
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly Fixed Charge, per retailer	$	40.00
Monthly Variable Charge, per customer, per retailer	$	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	$	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	$	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.50
Processing fee, per request, applied to the requesting party	$	1.00
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)	$	4.00
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	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, 2020

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

eb-2019-0057

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

APPLICATION

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

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	29.04
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0001
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0068

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	24.87
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0191
Low Voltage Service Rate	$/kWh	0.0001
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0060

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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eb-2019-0057

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	314.20
Distribution Volumetric Rate	$/kW	2.6229
Low Voltage Service Rate	$/kW	0.0255
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kW	0.1090

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

		eb-2019-0057
Retail Transmission Rate - Network Service Rate	$/kW	2.7106
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.3829

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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eb-2019-0057

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

APPLICATION

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

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If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	6,701.07
Distribution Volumetric Rate	$/kW	1.2317
Low Voltage Service Rate	$/kW	0.0282
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kW	0.3146

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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		eb-2019-0057
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8752
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.6334

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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eb-2019-0057

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

APPLICATION

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

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.51
Distribution Volumetric Rate	$/kWh	0.0127
Low Voltage Service Rate	$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0060

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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eb-2019-0057

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.07
Distribution Volumetric Rate	$/kW	17.7007
Low Voltage Service Rate	$/kW	0.0201
Retail Transmission Rate - Network Service Rate	$/kW	2.0544
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8805

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

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eb-2019-0057

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.04
Distribution Volumetric Rate	$/kW	27.0210
Low Voltage Service Rate	$/kW	0.0197
Retail Transmission Rate - Network Service Rate	$/kW	2.0444
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8419

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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eb-2019-0057

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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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.

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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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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		eb-2019-0057
Special meter reads	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account (see Note below)		
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)	$	44.28

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

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 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	$	101.50
Monthly Fixed Charge, per retailer	$	40.60
Monthly Variable Charge, per customer, per retailer	$	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	$	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	$	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.51
Processing fee, per request, applied to the requesting party	$	1.02
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)	$	4.06
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	2.00

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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eb-2019-0057

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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 section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.**

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

Note:
1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2018 of $0.1117/kWh (IESO's Monthly Market Report for May 2018, 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.
2. 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: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	RTSR **Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.0471	1.0471	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	RPP	1.0471	1.0471	2,000			
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	1,350,000	2,400	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	**kWh**	RPP	1.0471	1.0471	150			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	277			
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0471	1.0471	750			
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0471	1.0471	277			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0471	1.0471	2,000			
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.94	3.3%	$ 0.94	2.9%	$ 1.73	4.1%	$ 1.81	1.6%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 2.09	3.4%	$ 2.09	2.9%	$ 3.97	4.1%	$ 4.17	1.5%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 67.48	4.5%	$ 67.48	4.5%	$ 234.01	6.4%	$ 264.43	0.9%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 869.54	9.1%	$ 869.54	9.0%	$ 1,959.86	9.0%	$ 2,214.64	1.1%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 0.10	1.4%	$ 0.10	1.3%	$ 0.24	2.5%	$ 0.27	1.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 0.27	1.2%	$ 0.27	1.2%	$ 0.55	2.1%	$ 0.62	1.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 476.03	1.2%	$ 476.03	1.2%	$ 606.97	1.5%	$ 685.88	1.0%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.56	2.0%	$ 0.56	1.8%	$ 0.85	2.5%	$ 0.89	1.5%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.94	3.3%	$ 0.94	2.8%	$ 1.73	4.0%	$ 1.95	1.3%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.56	2.0%	$ 0.56	1.8%	$ 0.85	2.5%	$ 0.96	1.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retaile	kWh	$ 2.09	3.4%	$ 2.09	2.8%	$ 3.97	4.0%	$ 4.49	1.2%

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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	750	$ -	$ 0.0008	750	$ 0.60	$ 0.60		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.64**	**$ 0.94**	**3.28%**	
Line Losses on Cost of Power	$ 0.0824	35	$ 2.91	$ 0.0824	35	$ 2.91	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	750	$ 0.08	$ 0.0001	750	$ 0.08	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 32.25**			**$ 33.19**	**$ 0.94**	**2.91%**	
RTSR - Network	$ 0.0065	785	$ 5.10	$ 0.0071	785	$ 5.58	$ 0.47	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	785	$ 5.03	$ 0.0068	785	$ 5.34	$ 0.31	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 42.38**			**$ 44.11**	**$ 1.73**	**4.07%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	785	$ 2.67	$ 0.0034	785	$ 2.67	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	785	$ 0.39	$ 0.0005	785	$ 0.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	488	$ 31.69	$ 0.0650	488	$ 31.69	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	128	$ 11.99	$ 0.0940	128	$ 11.99	$ -	0.00%	
TOU - On Peak	$ 0.1340	135	$ 18.09	$ 0.1340	135	$ 18.09	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 107.46**			**$ 109.19**	**$ 1.73**	**1.61%**	
HST	13%		$ 13.97	13%		$ 14.19	$ 0.22	1.61%	
8% Rebate	8%		$ (8.60)	8%		$ (8.73)	$ (0.14)		
Total Bill on TOU			**$ 112.83**			**$ 114.64**	**$ 1.81**	**1.61%**	

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	$ 24.58	1	$ 24.58	$ 24.87	1	$ 24.87	$ 0.29	1.18%	
Distribution Volumetric Rate	$ 0.0189	2000	$ 37.80	$ 0.0191	2000	$ 38.20	$ 0.40	1.06%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2000	$ -	$ 0.0007	2000	$ 1.40	$ 1.40		
Sub-Total A (excluding pass through)			**$ 62.38**			**$ 64.47**	**$ 2.09**	**3.35%**	
Line Losses on Cost of Power	$ 0.0824	94	$ 7.76	$ 0.0824	94	$ 7.76	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	2,000	$ 0.20	$ 0.0001	2,000	$ 0.20	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 70.91**			**$ 73.00**	**$ 2.09**	**2.95%**	
RTSR - Network	$ 0.0063	2,094	$ 13.19	$ 0.0069	2,094	$ 14.45	$ 1.26	9.52%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0057	2,094	$ 11.94	$ 0.0060	2,094	$ 12.57	$ 0.63	5.26%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 96.04**			**$ 100.01**	**$ 3.97**	**4.14%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,094	$ 7.12	$ 0.0034	2,094	$ 7.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,094	$ 1.05	$ 0.0005	2,094	$ 1.05	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	1,300	$ 84.50	$ 0.0650	1,300	$ 84.50	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	340	$ 31.96	$ 0.0940	340	$ 31.96	$ -	0.00%	
TOU - On Peak	$ 0.1340	360	$ 48.24	$ 0.1340	360	$ 48.24	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 269.16**			**$ 273.13**	**$ 3.97**	**1.48%**	
HST	13%		$ 34.99	13%		$ 35.51	$ 0.52	1.48%	
8% Rebate	8%		$ (21.53)	8%		$ (21.85)	$ (0.32)		
Total Bill on TOU			**$ 282.61**			**$ 286.79**	**$ 4.17**	**1.48%**	

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	$ 310.47	1	$ 310.47	$ 314.20	1	$ 314.20	$ 3.73	1.20%	
Distribution Volumetric Rate	$ 2.5918	455	$ 1,179.27	$ 2.6229	455	$ 1,193.42	$ 14.15	1.20%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	455	$ -	$ 0.1090	455	$ 49.60	$ 49.60		
Sub-Total A (excluding pass through)			**$ 1,489.74**			**$ 1,557.21**	**$ 67.48**	**4.53%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	455	$ -	$ -	455	$ -	$ -		
CBR Class B Rate Riders	$ -	455	$ -	$ -	455	$ -	$ -		
GA Rate Riders	$ -	192,000	$ -	$ -	192,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0255	455	$ 11.60	$ 0.0255	455	$ 11.60	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		455	$ -	$ -	455	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 1,501.34**			**$ 1,568.82**	**$ 67.48**	**4.49%**	
RTSR - Network	$ 2.4823	455	$ 1,129.45	$ 2.7106	455	$ 1,233.32	$ 103.88	9.20%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 2.2452	455	$ 1,021.57	$ 2.3829	455	$ 1,084.22	$ 62.65	6.13%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 3,652.35**			**$ 3,886.36**	**$ 234.01**	**6.41%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	201,043	$ 683.55	$ 0.0034	201,043	$ 683.55	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	201,043	$ 100.52	$ 0.0005	201,043	$ 100.52	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	201,043	$ 22,134.86	$ 0.1101	201,043	$ 22,134.86	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 26,571.53**			**$ 26,805.53**	**$ 234.01**	**0.88%**	
HST	13%		$ 3,454.30	13%		$ 3,484.72	$ 30.42	0.88%	
Total Bill on Average IESO Wholesale Market Price			**$ 30,025.83**			**$ 30,290.25**	**$ 264.43**	**0.88%**	

Customer Class:	GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	1,350,000	kWh
Demand	2,400	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	$ 6,621.61	1	$ 6,621.61	$ 6,701.07	1	$ 6,701.07	$ 79.46	1.20%	
Distribution Volumetric Rate	$ 1.2171	2400	$ 2,921.04	$ 1.2317	2400	$ 2,956.08	$ 35.04	1.20%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2400	$ -	$ 0.3146	2400	$ 755.04	$ 755.04		
Sub-Total A (excluding pass through)			**$ 9,542.65**			**$ 10,412.19**	**$ 869.54**	**9.11%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	2,400	$ -	$ -	2,400	$ -	$ -		
CBR Class B Rate Riders	$ -	2,400	$ -	$ -	2,400	$ -	$ -		
GA Rate Riders	$ -	1,350,000	$ -	$ -	1,350,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0282	2,400	$ 67.68	$ 0.0282	2,400	$ 67.68	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,400	$ -	$ -	2,400	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9,610.33**			**$ 10,479.87**	**$ 869.54**	**9.05%**	
RTSR - Network	$ 2.6331	2,400	$ 6,319.44	$ 2.8752	2,400	$ 6,900.48	$ 581.04	9.19%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 2.4212	2,400	$ 5,810.88	$ 2.6334	2,400	$ 6,320.16	$ 509.28	8.76%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 21,740.65**			**$ 23,700.51**	**$ 1,959.86**	**9.01%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	1,399,410	$ 4,757.99	$ 0.0034	1,399,410	$ 4,757.99	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	1,399,410	$ 699.71	$ 0.0005	1,399,410	$ 699.71	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	1,399,410	$ 154,075.04	$ 0.1101	1,399,410	$ 154,075.04	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 181,273.64**			**$ 183,233.50**	**$ 1,959.86**	**1.08%**	
HST	13%		$ 23,565.57	13%		$ 23,820.36	$ 254.78	1.08%	
Total Bill on Average IESO Wholesale Market Price			**$ 204,839.21**			**$ 207,053.86**	**$ 2,214.64**	**1.08%**	

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	$ 5.44	1	$ 5.44	$ 5.51	1	$ 5.51	$ 0.07	1.29%	
Distribution Volumetric Rate	$ 0.0125	150	$ 1.88	$ 0.0127	150	$ 1.91	$ 0.03	1.60%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 7.32**			**$ 7.42**	**$ 0.10**	**1.37%**	
Line Losses on Cost of Power	$ 0.0824	7	$ 0.58	$ 0.0824	7	$ 0.58	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
CBR Class B Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
GA Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	150	$ 0.02	$ 0.0001	150	$ 0.02	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		150	$ -	$ -	150	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 7.91**			**$ 8.01**	**$ 0.10**	**1.26%**	
RTSR - Network	$ 0.0063	157	$ 0.99	$ 0.0069	157	$ 1.08	$ 0.09	9.52%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0057	157	$ 0.90	$ 0.0060	157	$ 0.94	$ 0.05	5.26%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 9.80**			**$ 10.04**	**$ 0.24**	**2.46%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	157	$ 0.53	$ 0.0034	157	$ 0.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	157	$ 0.08	$ 0.0005	157	$ 0.08	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	98	$ 6.34	$ 0.0650	98	$ 6.34	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	26	$ 2.40	$ 0.0940	26	$ 2.40	$ -	0.00%	
TOU - On Peak	$ 0.1340	27	$ 3.62	$ 0.1340	27	$ 3.62	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 23.01**			**$ 23.25**	**$ 0.24**	**1.05%**	
HST	13%		$ 2.99	13%		$ 3.02	$ 0.03	1.05%	
Total Bill on TOU			**$ 26.00**			**$ 26.28**	**$ 0.27**	**1.05%**	

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	$ 5.01	1	$ 5.01	$ 5.07	1	$ 5.07	$ 0.06	1.20%	
Distribution Volumetric Rate	$ 17.4908	1	$ 17.49	$ 17.7007	1	$ 17.70	$ 0.21	1.20%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 22.50**			**$ 22.77**	**$ 0.27**	**1.20%**	
Line Losses on Cost of Power	$ 0.0824	7	$ 0.58	$ 0.0824	7	$ 0.58	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
CBR Class B Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
GA Rate Riders	$ -	150	$ -	$ -	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	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		1	$ -	$ -	1	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 23.10**			**$ 23.37**	**$ 0.27**	**1.17%**	
RTSR - Network	$ 1.8814	1	$ 1.88	$ 2.0544	1	$ 2.05	$ 0.17	9.20%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 1.7718	1	$ 1.77	$ 1.8805	1	$ 1.88	$ 0.11	6.14%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 26.76**			**$ 27.31**	**$ 0.55**	**2.06%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	157	$ 0.53	$ 0.0034	157	$ 0.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	157	$ 0.08	$ 0.0005	157	$ 0.08	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	98	$ 6.34	$ 0.0650	98	$ 6.34	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	26	$ 2.40	$ 0.0940	26	$ 2.40	$ -	0.00%	
TOU - On Peak	$ 0.1340	27	$ 3.62	$ 0.1340	27	$ 3.62	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 39.97**			**$ 40.52**	**$ 0.55**	**1.38%**	
HST	13%		$ 5.20	13%		$ 5.27	$ 0.07	1.38%	
Total Bill on TOU			**$ 45.17**			**$ 45.79**	**$ 0.62**	**1.38%**	

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	$ 4.98	5424	$ 27,011.52	$ 5.04	5424	$ 27,336.96	$ 325.44	1.20%	
Distribution Volumetric Rate	$ 26.7006	470	$ 12,549.28	$ 27.0210	470	$ 12,699.87	$ 150.59	1.20%	
Fixed Rate Riders	$ -	5424	$ -	$ -	5424	$ -	$ -		
Volumetric Rate Riders	$ -	470	$ -	$ -	470	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 39,560.80**			**$ 40,036.83**	**$ 476.03**	**1.20%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	470	$ -	$ -	470	$ -	$ -		
CBR Class B Rate Riders	$ -	470	$ -	$ -	470	$ -	$ -		
GA Rate Riders	$ -	165,000	$ -	$ -	165,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0197	470	$ 9.26	$ 0.0197	470	$ 9.26	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		470	$ -	$ -	470	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 39,570.06**			**$ 40,046.09**	**$ 476.03**	**1.20%**	
RTSR - Network	$ 1.8722	470	$ 879.93	$ 2.0444	470	$ 960.87	$ 80.93	9.20%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 1.7355	470	$ 815.69	$ 1.8419	470	$ 865.69	$ 50.01	6.13%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 41,265.68**			**$ 41,872.65**	**$ 606.97**	**1.47%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	172,772	$ 587.42	$ 0.0034	172,772	$ 587.42	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	172,772	$ 86.39	$ 0.0005	172,772	$ 86.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	5424	$ 1,356.00	$ 0.25	5424	$ 1,356.00	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	172,772	$ 19,022.14	$ 0.1101	172,772	$ 19,022.14	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 62,317.63**			**$ 62,924.60**	**$ 606.97**	**0.97%**	
HST	13%		$ 8,101.29	13%		$ 8,180.20	$ 78.91	0.97%	
Total Bill on Average IESO Wholesale Market Price			**$ 70,418.92**			**$ 71,104.80**	**$ 685.88**	**0.97%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	277	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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	277	$ -	$ -	277	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	277	$ -	$ 0.0008	277	$ 0.22	$ 0.22		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.26**	**$ 0.56**	**1.96%**	
Line Losses on Cost of Power	$ 0.0824	13	$ 1.07	$ 0.0824	13	$ 1.07	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
CBR Class B Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
GA Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	277	$ 0.03	$ 0.0001	277	$ 0.03	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		277	$ -	$ -	277	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 30.37**			**$ 30.93**	**$ 0.56**	**1.85%**	
RTSR - Network	$ 0.0065	290	$ 1.89	$ 0.0071	290	$ 2.06	$ 0.17	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	290	$ 1.86	$ 0.0068	290	$ 1.97	$ 0.12	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 34.11**			**$ 34.97**	**$ 0.85**	**2.50%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	290	$ 0.99	$ 0.0034	290	$ 0.99	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	290	$ 0.15	$ 0.0005	290	$ 0.15	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	180	$ 11.70	$ 0.0650	180	$ 11.70	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	47	$ 4.43	$ 0.0940	47	$ 4.43	$ -	0.00%	
TOU - On Peak	$ 0.1340	50	$ 6.68	$ 0.1340	50	$ 6.68	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 58.31**			**$ 59.16**	**$ 0.85**	**1.46%**	
HST	13%		$ 7.58	13%		$ 7.69	$ 0.11	1.46%	
8% Rebate	8%		$ (4.66)	8%		$ (4.73)	$ (0.07)		
Total Bill on TOU			**$ 61.22**			**$ 62.12**	**$ 0.89**	**1.46%**	

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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	750	$ -	$ 0.0008	750	$ 0.60	$ 0.60		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.64**	**$ 0.94**	**3.28%**	
Line Losses on Cost of Power	$ 0.1101	35	$ 3.89	$ 0.1101	35	$ 3.89	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	750	$ 0.08	$ 0.0001	750	$ 0.08	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 33.23**			**$ 34.17**	**$ 0.94**	**2.83%**	
RTSR - Network	$ 0.0065	785	$ 5.10	$ 0.0071	785	$ 5.58	$ 0.47	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	785	$ 5.03	$ 0.0068	785	$ 5.34	$ 0.31	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 43.36**			**$ 45.09**	**$ 1.73**	**3.98%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	785	$ 2.67	$ 0.0034	785	$ 2.67	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	785	$ 0.39	$ 0.0005	785	$ 0.39	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	750	$ 82.58	$ 0.1101	750	$ 82.58	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 129.00**			**$ 130.73**	**$ 1.73**	**1.34%**	
HST	13%		$ 16.77	13%		$ 16.99	$ 0.22	1.34%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 145.77**			**$ 147.72**	**$ 1.95**	**1.34%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	277	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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	277	$ -	$ -	277	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	277	$ -	$ 0.0008	277	$ 0.22	$ 0.22		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.26**	**$ 0.56**	**1.96%**	
Line Losses on Cost of Power	$ 0.1101	13	$ 1.44	$ 0.1101	13	$ 1.44	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
CBR Class B Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
GA Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	277	$ 0.03	$ 0.0001	277	$ 0.03	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		277	$ -	$ -	277	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 30.73**			**$ 31.30**	**$ 0.56**	**1.83%**	
RTSR - Network	$ 0.0065	290	$ 1.89	$ 0.0071	290	$ 2.06	$ 0.17	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	290	$ 1.86	$ 0.0068	290	$ 1.97	$ 0.12	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 34.48**			**$ 35.33**	**$ 0.85**	**2.47%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	290	$ 0.99	$ 0.0034	290	$ 0.99	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	290	$ 0.15	$ 0.0005	290	$ 0.15	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	277	$ 30.50	$ 0.1101	277	$ 30.50	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 66.10**			**$ 66.96**	**$ 0.85**	**1.29%**	
HST	13%		$ 8.59	13%		$ 8.70	$ 0.11	1.29%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 74.70**			**$ 75.66**	**$ 0.96**	**1.29%**	

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	$ 24.58	1	$ 24.58	$ 24.87	1	$ 24.87	$ 0.29	1.18%	
Distribution Volumetric Rate	$ 0.0189	2000	$ 37.80	$ 0.0191	2000	$ 38.20	$ 0.40	1.06%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2000	$ -	$ 0.0007	2000	$ 1.40	$ 1.40		
Sub-Total A (excluding pass through)			**$ 62.38**			**$ 64.47**	**$ 2.09**	**3.35%**	
Line Losses on Cost of Power	$ 0.1101	94	$ 10.37	$ 0.1101	94	$ 10.37	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	2,000	$ 0.20	$ 0.0001	2,000	$ 0.20	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 73.52**			**$ 75.61**	**$ 2.09**	**2.84%**	
RTSR - Network	$ 0.0063	2,094	$ 13.19	$ 0.0069	2,094	$ 14.45	$ 1.26	9.52%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0057	2,094	$ 11.94	$ 0.0060	2,094	$ 12.57	$ 0.63	5.26%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 98.65**			**$ 102.63**	**$ 3.97**	**4.03%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,094	$ 7.12	$ 0.0034	2,094	$ 7.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,094	$ 1.05	$ 0.0005	2,094	$ 1.05	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	2,000	$ 220.20	$ 0.1101	2,000	$ 220.20	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 327.02**			**$ 330.99**	**$ 3.97**	**1.22%**	
HST	13%		$ 42.51	13%		$ 43.03	$ 0.52	1.22%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 369.53**			**$ 374.02**	**$ 4.49**	**1.22%**	

Customer Class:	Add additional scenarios if required	
RPP / Non-RPP:		
Consumption		kWh
Demand		kW
Current Loss Factor		
Proposed/Approved Loss Factor		

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge		1	$ -		1	$ -	$ -	
Distribution Volumetric Rate		0	$ -		0	$ -	$ -	
Fixed Rate Riders		1	$ -		1	$ -	$ -	
Volumetric Rate Riders		0	$ -		0	$ -	$ -	
Sub-Total A (excluding pass through)			$ -			$ -	$ -	
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders		-	$ -		-	$ -	$ -	
CBR Class B Rate Riders		-	$ -		-	$ -	$ -	
GA Rate Riders		-	$ -		-	$ -	$ -	
Low Voltage Service Charge		-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders		1	$ -		1	$ -	$ -	
Additional Volumetric Rate Riders		-	$ -		-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			$ -			$ -	$ -	
RTSR - Network		-	$ -		-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection		-	$ -		-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			$ -			$ -	$ -	
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1340	-	$ -	$ 0.1340	-	$ -	$ -	
Non-RPP Retailer Avg. Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on TOU (before Taxes)			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%		$ (0.02)	8%		$ (0.02)	$ -	
Total Bill on TOU			$ 0.26			$ 0.26	$ -	0.00%
Total Bill on Non-RPP Avg. Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			$ 0.28			$ 0.28	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Average IESO Wholesale Market Price			$ 0.28			$ 0.28	$ -	0.00%

APPENDIX “D”

2020 IRM RATE GENERATOR MODEL

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Quick Link

Ontario Energy Board's 2020 Electricity Distribution Rates Webpage

Version 2.0

Utility Name	North Bay Hydro Distribution Limited
Assigned EB Number	eb-2019-0057
Name of Contact and Title	Micheal Roth - Regulatory Manager
Phone Number	405-474-8100 ext263
Email Address	mroth@northbayhydro.com
We are applying for rates effective	Friday, May 1, 2020
Rate-Setting Method	**Price Cap IR**
1. Select the last Cost of Service rebasing year	**2015**
2. Select the year that the balances of Accounts 1588 and 1589 were last approved for disposition *(e.g. If 2017 balances were approved for disposition in the 2019 rate application, select 2017)*	**2016**
3. Select the year that the balances of the remaining Group 1 DVAs were last approved for disposition	**2016**
4. Select the earliest vintage year in which there is a balance in Account 1595 *(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016)*	**2014**
5. Did you have any Class A customers at any point during the period that the Account 1589 balance accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	**Yes**
6. Did you have any customers classified as Class A at any point during the period where the balance in Account 1580, Sub-account CBR Class B accumulated (i.e. from the year the balance was last disposed to the year requested for disposition)?	**Yes**
7. Retail Transmission Service Rates: North Bay Hydro Distribution Limited is:	**Partially Embedded** **Within** Hydro One **Distribution System(s)** *(If necessary, enter all embedded distributor names in the above green shaded cell)*
8. Have you transitioned to fully fixed rates?	**Yes**

Legend

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.

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2019

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

EB-2018-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	28.70
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0064

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	24.58
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0189
Low Voltage Service Rate	$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	310.47
Distribution Volumetric Rate	$/kW	2.5918
Low Voltage Service Rate	$/kW	0.0255
Retail Transmission Rate - Network Service Rate	$/kW	2.4823
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2452

MONTHLY RATES AND CHARGES - Regulatory Component

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	6,621.61
Distribution Volumetric Rate	$/kW	1.2171
Low Voltage Service Rate	$/kW	0.0282
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.6331
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.4812

MONTHLY RATES AND CHARGES - Regulatory Component

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.44
Distribution Volumetric Rate	$/kWh	0.0125
Low Voltage Service Rate	$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	$/kWh	0.0063
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.01
Distribution Volumetric Rate	$/kW	17.4908
Low Voltage Service Rate	$/kW	0.0201
Retail Transmission Rate - Network Service Rate	$/kW	1.8814
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7718

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

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

APPLICATION

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

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

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	4.98
Distribution Volumetric Rate	$/kW	26.7006
Low Voltage Service Rate	$/kW	0.0197
Retail Transmission Rate - Network Service Rate	$/kW	1.8722
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7355

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$	0.25

Ontario Energy Board

Incentive Rate-setting Mechanism
Rate Generator for 2020 Filers

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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.

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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 (see Note below)

Late payment - per month	%	1.50

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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)	$	43.63

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

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 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	$	40.00
Monthly Variable Charge, per customer, per retailer	$	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	$	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	$	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.50
Processing fee, per request, applied to the requesting party	$	1.00
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)	$	4.00
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	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

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Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

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Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Please see instructions tab for detailed instructions on how to complete tabs 3 to 7. Column BV has been prepopulated from the latest 2.1.7 RRR filing.

Please refer to the footnotes for further instructions.

		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[1] 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[1] during 2014	Closing Interest Amounts as of Dec 31, 2014
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[5]	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A[5]	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B[5]	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[4]	1588	0				0	0				0
RSVA - Global Adjustment[4]	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014)[3]	1595	0	511,785	791,318		(279,533)	0	(5,611)	15,966		(21,577)
Disposition and Recovery/Refund of Regulatory Balances (2015)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2017)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2018)[3]	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2019)[3] *Not to be disposed of until a year after rate rider has expired and that balance has been audited*	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	511,785	791,318	0	(279,533)	0	(5,611)	15,966	0	(21,577)
Total Group 1 Balance		0	511,785	791,318	0	(279,533)	0	(5,611)	15,966	0	(21,577)
LRAM Variance Account (only input amounts if applying for disposition of this account)	**1568**		372,449			372,449		6,625			6,625
Total including Account 1568		0	884,234	791,318	0	92,916	0	1,014	15,966	0	(14,952)

2015

Opening Principal Amounts as of Jan 1, 2015	Transactions Debit / (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments[1] during 2015	Closing Principal Balance as of Dec 31, 2015	Opening Interest Amounts as of Jan 1, 2015	Interest Jan 1 to Dec 31, 2015	OEB-Approved Disposition during 2015	Interest Adjustments[1] during 2015	Closing Interest Amounts as of Dec 31, 2015
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
(279,533)	319,611			40,078	(21,577)	(742)			(22,319)
0	(349,058)	(610,668)		261,610	0	2,529	(74,045)		76,574
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0	0	0	0	0	0	0	0	0	0
(279,533)	(29,447)	(610,668)	0	301,688	(21,577)	1,787	(74,045)	0	54,255
(279,533)	(29,447)	(610,668)	0	301,688	(21,577)	1,787	(74,045)	0	54,255
372,449	51,727	221,924		202,252	6,625	5,078	7,712		3,990
92,916	22,280	(388,744)	0	503,940	(14,952)	6,865	(66,332)	0	58,246

2016

Opening Principal Amounts as of Jan 1, 2016	Transactions Debit / (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments[1] during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments[1] during 2016	Closing Interest Amounts as of Dec 31, 2016
0			60,035	60,035	0			594	594
0			(1,053)	(1,053)	0			(11)	(11)
0			(1,569,062)	(1,569,062)	0			(18,834)	(18,834)
0			0	0	0			0	0
0			105,798	105,798	0			1,622	1,622
0			(72,061)	(72,061)	0			(2,523)	(2,523)
0			141,412	141,412	0			327	327
0			(259,359)	(259,359)	0			375	375
0			(353,773)	(353,773)	0			(3,337)	(3,337)
0				0	0				0
40,078				40,078	(22,319)	(27)			(22,346)
261,610	(344,497)			(82,887)	76,574	189			76,763
0	(585,392)	(918,277)		332,885	0	4,695	(17,430)		22,125
0				0	0				0
0				0	0				0
0				0	0				0
0	0	0	(353,773)	(353,773)	0	0	0	(3,337)	(3,337)
301,688	(929,889)	(918,277)	(1,594,289)	(1,304,213)	54,255	4,857	(17,430)	(18,450)	58,092
301,688	(929,889)	(918,277)	(1,948,063)	(1,657,986)	54,255	4,857	(17,430)	(21,787)	54,755
202,252	(17,518)			184,734	3,990	1,490			5,480
503,940	(947,406)	(918,277)	(1,948,063)	(1,473,252)	58,246	6,347	(17,430)	(21,787)	60,236

2017

Opening Principal Amounts as of Jan 1, 2017	Transactions Debit / (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments[1] during 2017	Closing Principal Balance as of Dec 31, 2017	Opening Interest Amounts as of Jan 1, 2017	Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments[1] during 2017	Closing Interest Amounts as of Dec 31, 2017
60,035	20,689	28,636		52,089	594	712	496		810
(1,053)	(778)	(235)		(1,596)	(11)	(16)	(7)		(19)
(1,569,062)	(485,376)	(1,058,971)		(995,467)	(18,834)	(12,963)	(19,471)		(12,327)
0				0	0				0
105,798	(13,368)	129,202		(36,772)	1,622	114	2,307		(571)
(72,061)	(45,081)	(110,874)		(6,268)	(2,523)	(380)	(2,210)		(692)
141,412	51,600	16,256		176,756	327	1,730	(93)		2,150
(259,359)	49,033	(195,857)	92,842	78,372	375	149	(1,091)		1,615
(353,773)	(213,350)	521,484	485,369	(603,239)	(3,337)	(4,278)	(925)		(6,691)
0				0	0				0
40,078				40,078	(22,346)	(29)			(22,375)
(82,887)				(82,887)	76,763	(192)			76,571
332,885	(297,045)			35,840	22,125	1,113			23,238
0	281,061	484,954		(203,892)	0	(3,027)	14,814		(17,841)
0				0	0				0
0				0	0				0
(353,773)	(213,350)	521,484	485,369	(603,239)	(3,337)	(4,278)	(925)	0	(6,691)
(1,304,213)	(439,265)	(706,889)	92,842	(943,748)	58,092	(12,789)	(5,255)	0	50,558
(1,657,986)	(652,615)	(185,405)	578,211	(1,546,986)	54,755	(17,067)	(6,179)	0	43,868
184,734	102,193	184,734		102,193	5,480	2,751	6,179		2,052
(1,473,252)	(550,423)	(671)	578,211	(1,444,794)	60,236	(14,316)	0	0	45,919

2018

Opening Principal Amounts as of Jan 1, 2018	Transactions Debit / (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments[1] during 2018	Closing Principal Balance as of Dec 31, 2018	Opening Interest Amounts as of Jan 1, 2018	Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments[1] during 2018	Closing Interest Amounts as of Dec 31, 2018
52,089	20,898	31,399		41,587	810	730	631		908
(1,596)	(20,713)	(818)		(21,491)	(19)	(278)	(18)		(280)
(995,467)	(100,196)	(510,091)		(585,572)	(12,327)	(12,920)	(8,035)		(17,211)
0				0	0				0
(36,772)	(14,442)	(23,404)		(27,810)	(571)	(545)	(1,514)		399
(6,268)	52,112	38,813		7,031	(692)	196	347		(844)
176,756	233,847	125,156		285,447	2,150	5,060	2,548		4,662
78,372	(67,787)	(63,502)		74,087	1,615	1,136	387		2,364
(603,239)	(297,932)	(875,257)		(25,914)	(6,691)	727	(17,292)		11,328
0				0	0				0
40,078				40,078	(22,375)	(46)			(22,421)
(82,887)				(82,887)	76,571	(298)			76,273
35,840	(80)			35,760	23,238	667			23,905
(203,892)	197,635			(6,258)	(17,841)	(715)			(18,556)
0	833,666	1,277,704		(444,038)	0	(12,093)	22,946		(35,039)
0				0	0				0
(603,239)	(297,932)	(875,257)	0	(25,914)	(6,691)	727	(17,292)	0	11,328
(943,748)	1,134,940	875,257	0	(684,065)	50,558	(19,104)	17,292	0	14,162
(1,546,986)	837,008	0	0	(709,979)	43,868	(18,378)	(0)	0	25,490
102,193	75,936	0	81,830	259,958	2,052	1,804		2,953	6,808
(1,444,794)	912,943	0	81,830	(450,021)	45,919	(16,574)	(0)	2,953	32,299

2019				Projected Interest on Dec-31-18 Balances					2.1.7 RRR	
Principal Disposition during 2019 - instructed by OEB	Interest Disposition during 2019 - instructed by OEB	Closing Principal Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Closing Interest Balances as of Dec 31, 2018 Adjusted for Disposition during 2019	Projected Interest from Jan 1, 2019 to Dec 31, 2019 on Dec 31, 2018 balance adjusted for disposition during 2019 [2]	Projected Interest from Jan 1, 2020 to Apr 30, 2020 on Dec 31, 2018 balance adjusted for disposition during 2019 [2]	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2018	Variance RRR vs. 2018 Balance *(Principal + Interest)*
		41,587	908	935	302	2,145	43,732		42,495	(0)
		(21,491)	(280)	(483)	(156)	(919)	(22,410)		(21,771)	(0)
		(585,572)	(17,211)	(13,161)	(4,255)	(34,627)	(620,199)		(630,194)	(27,411)
		0	0			0	0		0	0
		(27,810)	399	(625)	(202)	(428)	(28,238)		(27,411)	(0)
		7,031	(844)	158	51	(635)	6,396		6,187	0
		285,447	4,662	6,415	2,074	13,152	298,599		290,109	0
		74,087	2,364	1,665	538	4,568	0	No	76,451	(0)
		(25,914)	11,328	(582)	(188)	10,558	0	No	(14,585)	0
		0	0			0	0	No	0	0
		40,078	(22,421)			(22,421)	0	No	17,657	(0)
		(82,887)	76,273			76,273	0	No	(6,614)	0
		35,760	23,905			23,905	0	No	59,666	0
		(6,258)	(18,556)			(18,556)	0	No	(24,814)	(0)
		(444,038)	(35,039)			(35,039)	0	No	(479,077)	0
		0	0			0	0	No		0
0	0	(25,914)	11,328	(582)	(188)	10,558	0		(14,585)	0
0	0	(684,065)	14,162	(5,096)	(1,648)	7,419	(322,120)		(669,904)	(0)
0	0	(709,979)	25,490	(5,678)	(1,836)	17,977	(322,120)		(684,489)	(0)
		259,958	6,808	5,843	1,889	14,540	274,498		181,983	(84,783)
0	0	(450,021)	32,299	165	53	32,517	(47,621)		(502,506)	(84,784)

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

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

If you have identified any issues, please contact the OEB.

Have you confirmed the accuracy of the data below? **Yes**

If a distributor uses the actual GA price to bill non-RPP Class B customers for an entire rate class, it must exclude these customers from the allocation of the GA balance and the calculation of the resulting rate riders. These rate classes are not to be charged/refunded the general GA rate rider as they did not contribute to the GA balance.

Please contact the OEB to make adjustments to the IRM rate generator for this situation.

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers (excluding WMP)	Metered kW for Non-RPP Customers (excluding WMP)	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 ($ amounts)	Number of Customers for Residential and GS<50 classes[3]
RESIDENTIAL SERVICE CLASSIFICATION	kWh	196,784,130	0	6,110,964	0	0	0	196,784,130	0	149,191	21,255
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	81,814,082	0	13,540,606	0	0	0	81,814,082	0	59,930	2,659
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	199,998,668	519,655	185,949,117	480,376	0	0	199,998,668	519,655	56,668	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	16,185,720	27,679	16,185,720	27,679	0	0	16,185,720	27,679	8,708	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,073	0	0	0	0	0	42,073	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	124,703	317	11,162	29	0	0	124,703	317		
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,031,595	5,690	2,031,595	5,690	0	0	2,031,595	5,690		
	Total	496,980,971	553,341	223,829,164	513,774	0	0	496,980,971	553,341	274,498	23,914

Threshold Test

Total Claim (including Account 1568) ($47,621)

Total Claim for Threshold Test (All Group 1 Accounts) ($322,120)

Threshold Test (Total claim per kWh) [2] ($0.0006) **Claim does not meet the threshold test.**

As per Section 3.2.5 of the 2019 Filing Requirements for Electricity Distribution Rate Applications, an applicant may elect to dispose of the Group 1 account balances below the threshold. If doing so, please select YES from the adjacent drop-down cell and also indicate so in the Manager's Summary. If not, please select NO.

NO

[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.

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Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

No input required. This workshseet 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 Customer Numbers **	% of Total kWh adjusted for WMP	1550	1551	allocated based on Total less WMP 1580	1584	1586	allocated based on Total less WMP 1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	39.6%	88.9%	39.6%							149,191
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	16.5%	11.1%	16.5%							59,930
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	40.2%	0.0%	40.2%							56,668
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	3.3%	0.0%	3.3%							8,708
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.0%	0.0%	0.0%							0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%							0
STREET LIGHTING SERVICE CLASSIFICATION	0.4%	0.0%	0.4%							0
Total	100.0%	100.0%	100.0%	0	0	0	0	0	0	274,497

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Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Input required at cells C13 and C14. This workshseet 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	
DVA Proposed Rate Rider Recovery Period (in months)	12	Rate Rider Recovery to be used below
LRAM 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 [2]	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
RESIDENTIAL SERVICE CLASSIFICATION	kWh	196,784,130	0	196,784,130	0	0		0.0000		0.0008
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	81,814,082	0	81,814,082	0	0		0.0000		0.0007
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	199,998,668	519,655	199,998,668	519,655	0		0.0000		0.1090
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	16,185,720	27,679	16,185,720	27,679	0		0.0000		0.3146
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,073	0	42,073	0	0		0.0000		0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	124,703	317	124,703	317	0		0.0000		0.0000
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,031,595	5,690	2,031,595	5,690	0		0.0000		0.0000

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Summary - Sharing of Tax Change Forecast Amounts

	2015	2020
OEB-Approved Rate Base	$ 60,818,816	$ 60,818,816
OEB-Approved Regulatory Taxable Income	$ 638,983	$ 638,983
Federal General Rate		15.0%
Federal Small Business Rate		9.0%
Federal Small Business Rate (calculated effective rate)[1,2]		15.0%
Ontario General Rate		11.5%
Ontario Small Business Rate		3.5%
Ontario Small Business Rate (calculated effective rate)[1,2]		11.5%
Federal Small Business Limit		$ 500,000
Ontario Small Business Limit		$ 500,000
Federal Taxes Payable		$ 95,847
Provincial Taxes Payable		$ 73,483
Federal Effective Tax Rate		15.0%
Provincial Effective Tax Rate		11.5%
Combined Effective Tax Rate	26.5%	26.5%
Total Income Taxes Payable	$ 169,330	$ 169,330
OEB-Approved Total Tax Credits (enter as positive number)	$ 20,725	$ 20,725
Income Tax Provision	$ 148,605	$ 148,605
Grossed-up Income Taxes	$ 202,184	$ 202,184
Incremental Grossed-up Tax Amount		$ -
Sharing of Tax Amount (50%)		**$ -**

Notes

1. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

2. The OEB's proxy for taxable capital is rate base.

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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	Re-based Billed kWh	Re-based Billed kW	Re-based Service Charge	Re-based Distribution Volumetric Rate kWh	Re-based Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
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	196,784,130		0	0.00	$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	81,814,082		0	0.0000	kWh
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	199,998,668	519,655	0	0.0000	kW
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	16,185,720	27,679	0	0.0000	kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,073		0	0.0000	kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	124,703	317	0	0.0000	kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,031,595	5,690	0	0.0000	kW
Total		496,980,971	553,341	$0		

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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	0.0065	196,784,130	0	1.0471	206,052,663
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0064	196,784,130	0	1.0471	206,052,663
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0063	81,814,082	0	1.0471	85,667,525
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057	81,814,082	0	1.0471	85,667,525
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.4823	199,998,668	519,655		
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2452	199,998,668	519,655		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.6331	16,185,720	27,679		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metere	$/kW	2.4812	16,185,720	27,679		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0063	42,073	0	1.0471	44,055
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057	42,073	0	1.0471	44,055
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.8814	124,703	317		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7718	124,703	317		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.8722	2,031,595	5,690		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7355	2,031,595	5,690		

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

Uniform Transmission Rates	Unit	2018	2019 (Jan 1 - June 30)	2019 (July 1 - Dec 31)	2020
Rate Description		**Rate**	**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.61	$ 3.71	$ 3.83	$ 3.83
Line Connection Service Rate	kW	$ 0.95	$ 0.94	$ 0.96	$ 0.96
Transformation Connection Service Rate	kW	$ 2.34	$ 2.25	$ 2.30	$ 2.30

Hydro One Sub-Transmission Rates	Unit	2018	2019 (Jan 1 - June 30)	2019 (July 1 - Dec 31)	2020
Rate Description		**Rate**	**Rate**	**Rate**	**Rate**
Network Service Rate	kW	$ 3.1942	$ 3.1942	$ 3.2915	$ 3.2915
Line Connection Service Rate	kW	$ 0.7710	$ 0.7710	$ 0.7877	$ 0.7877
Transformation Connection Service Rate	kW	$ 1.7493	$ 1.7493	$ 1.9755	$ 1.9755
Both Line and Transformation Connection Service Rate	kW	$ 2.5203	$ 2.5203	$ 2.7632	$ 2.7632

If needed, add extra host here. (I)	Unit	2018	2019		2020
Rate Description		**Rate**	**Rate**		**Rate**
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	$ -	$ -		$ -

If needed, add extra host here. (II)	Unit	2018	2019		2020
Rate Description		**Rate**	**Rate**		**Rate**
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	$ -	$ -		$ -

		Historical 2018	Current 2019		Forecast 2020
Low Voltage Switchgear Credit (if applicable, enter as a negative value)	$				

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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 red, 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 correctly, please provide explanation for the discrepancy in rates.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	109982	$3.61	397035.02	117589	$0.95	111709.55	117589	$2.34	275158.26	$ 386,868
February	80037	$3.61	288933.57	83067	$0.95	78913.65	83067	$2.34	194376.78	$ 273,290
March	70351	$3.61	253967.11	73880	$0.95	70186	73880	$2.34	172879.2	$ 243,065
April	71066	$3.61	256548.26	72204	$0.95	68593.8	72204	$2.34	168957.36	$ 237,551
May	59734	$3.61	215639.74	69358	$0.95	65890.1	69358	$2.34	162297.72	$ 228,188
June	60343	$3.61	217838.23	70991	$0.95	67441.45	70991	$2.34	166118.94	$ 233,560
July	82505	$3.61	297843.05	82505	$0.95	78379.75	82505	$2.34	193061.7	$ 271,441
August	71113	$3.61	256717.93	75982	$0.95	72182.9	75982	$2.34	177797.88	$ 249,981
September	71308	$3.61	257421.88	74822	$0.95	71080.9	74822	$2.34	175083.48	$ 246,164
October	59840	$3.61	216022.4	70400	$0.95	66880	70400	$2.34	164736	$ 231,616
November	80099	$3.61	289157.39	88444	$0.95	84021.8	88444	$2.34	206958.96	$ 290,981
December	82585	$3.61	298131.85	83223	$0.95	79061.85	83223	$2.34	194741.82	$ 273,804
Total	898,963	$ 3.61	$ 3,245,256	962,465	$ 0.95	$ 914,342	962,465	$ 2.34	$ 2,252,168	$ 3,166,510

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	3285.58	$3.1942	10494.79964	3841.67	$0.7710	2961.92757	3841.67	$1.7493	6720.233331	$ 9,682
February	3472.13	$3.1942	11090.67765	3676.72	$0.7710	2834.75112	3676.72	$1.7493	6431.686296	$ 9,266
March	2732.22	$3.1942	8727.257124	3071.29	$0.7710	2367.96459	3071.29	$1.7493	5372.607597	$ 7,741
April	2818.71	$3.1942	9003.523482	3185.2	$0.7710	2455.7892	3185.2	$1.7493	5571.87036	$ 8,028
May	2291.62	$3.1942	7319.892604	2551.3	$0.7710	1967.0523	2551.3	$1.7493	4462.98909	$ 6,430
June	2172.84	$3.1942	6940.485528	2235.34	$0.7710	1723.44714	2235.34	$1.7493	3910.280262	$ 5,634
July	2197.5	$3.1942	7019.2545	2419.78	$0.7710	1865.65038	2419.78	$1.7493	4232.921154	$ 6,099
August	2059.27	$3.1942	6577.720234	2364.61	$0.7710	1823.11431	2364.61	$1.7493	4136.412273	$ 5,960
September	1902.35	$3.1942	6076.48637	2322.26	$0.7710	1790.46246	2322.26	$1.7493	4062.329418	$ 5,853
October	2208.37	$3.1942	7053.975454	2660.52	$0.7710	2051.26092	2660.52	$1.7493	4654.047636	$ 6,705
November	3078.64	$3.1942	9833.791888	3582.22	$0.7710	2761.89162	3582.22	$1.7493	6266.377446	$ 9,028
December	5059.43	$3.1942	16160.83131	5276.1	$0.7710	4067.8731	5276.1	$1.7493	9229.48173	$ 13,297
Total	33,279	$ 3.1942	$ 106,299	37,187	$ 0.7710	$ 28,671	37,187	$ 1.7493	$ 65,051	$ 93,722

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
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) (if needed)	Network			Line Connection			Transformation Connection			Total Connection
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 Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	113,268	$ 3.5979	$ 407,530	121,431	$ 0.9443	$ 114,671	121,431	$ 2.3213	$ 281,878	$ 396,550
February	83,509	$ 3.5927	$ 300,024	86,744	$ 0.9424	$ 81,748	86,744	$ 2.3150	$ 200,808	$ 282,557
March	73,083	$ 3.5945	$ 262,694	76,951	$ 0.9429	$ 72,554	76,951	$ 2.3164	$ 178,252	$ 250,806
April	73,885	$ 3.5941	$ 265,552	75,389	$ 0.9424	$ 71,050	75,389	$ 2.3150	$ 174,529	$ 245,579
May	62,026	$ 3.5946	$ 222,960	71,909	$ 0.9436	$ 67,857	71,909	$ 2.3190	$ 166,761	$ 234,618
June	62,516	$ 3.5955	$ 224,779	73,226	$ 0.9445	$ 69,165	73,226	$ 2.3220	$ 170,029	$ 239,194
July	84,703	$ 3.5992	$ 304,862	84,925	$ 0.9449	$ 80,245	84,925	$ 2.3232	$ 197,295	$ 277,540
August	73,172	$ 3.5983	$ 263,296	78,347	$ 0.9446	$ 74,006	78,347	$ 2.3222	$ 181,934	$ 255,940
September	73,210	$ 3.5992	$ 263,498	77,144	$ 0.9446	$ 72,871	77,144	$ 2.3222	$ 179,146	$ 252,017
October	62,048	$ 3.5952	$ 223,076	73,061	$ 0.9435	$ 68,931	73,061	$ 2.3185	$ 169,390	$ 238,321
November	83,178	$ 3.5946	$ 298,991	92,026	$ 0.9430	$ 86,784	92,026	$ 2.3170	$ 213,225	$ 300,009
December	87,644	$ 3.5860	$ 314,293	88,499	$ 0.9393	$ 83,130	88,499	$ 2.3048	$ 203,971	$ 287,101
Total	932,242	$ 3.60	$ 3,351,555	999,652	$ 0.94	$ 943,013	999,652	$ 2.32	$ 2,317,219	$ 3,260,232

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 3,260,232

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when current 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	109,982	$ 3.7100	$ 408,033	117,589	$ 0.9400	$ 110,534	117,589	$ 2.2500	$ 264,575	$ 375,109
February	80,037	$ 3.7100	$ 296,937	83,067	$ 0.9400	$ 78,083	83,067	$ 2.2500	$ 186,901	$ 264,984
March	70,351	$ 3.7100	$ 261,002	73,880	$ 0.9400	$ 69,447	73,880	$ 2.2500	$ 166,230	$ 235,677
April	71,066	$ 3.7100	$ 263,655	72,204	$ 0.9400	$ 67,872	72,204	$ 2.2500	$ 162,459	$ 230,331
May	59,734	$ 3.7100	$ 221,613	69,358	$ 0.9400	$ 65,197	69,358	$ 2.2500	$ 156,056	$ 221,252
June	60,343	$ 3.7100	$ 223,873	70,991	$ 0.9400	$ 66,732	70,991	$ 2.2500	$ 159,730	$ 226,461
July	82,505	$ 3.8300	$ 315,994	82,505	$ 0.9600	$ 79,205	82,505	$ 2.3000	$ 189,762	$ 268,966
August	71,113	$ 3.8300	$ 272,363	75,982	$ 0.9600	$ 72,943	75,982	$ 2.3000	$ 174,759	$ 247,701
September	71,308	$ 3.8300	$ 273,110	74,822	$ 0.9600	$ 71,829	74,822	$ 2.3000	$ 172,091	$ 243,920
October	59,840	$ 3.8300	$ 229,187	70,400	$ 0.9600	$ 67,584	70,400	$ 2.3000	$ 161,920	$ 229,504
November	80,099	$ 3.8300	$ 306,779	88,444	$ 0.9600	$ 84,906	88,444	$ 2.3000	$ 203,421	$ 288,327
December	82,585	$ 3.8300	$ 316,301	83,223	$ 0.9600	$ 79,894	83,223	$ 2.3000	$ 191,413	$ 271,307
Total	898,963	$ 3.77	$ 3,388,847	962,465	$ 0.95	$ 914,225	962,465	$ 2.27	$ 2,189,315	$ 3,103,540

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	3,286	$ 3.1942	$ 10,495	3,842	$ 0.7710	$ 2,962	3,842	$ 1.7493	$ 6,720	$ 9,682
February	3,472	$ 3.1942	$ 11,091	3,677	$ 0.7710	$ 2,835	3,677	$ 1.7493	$ 6,432	$ 9,266
March	2,732	$ 3.1942	$ 8,727	3,071	$ 0.7710	$ 2,368	3,071	$ 1.7493	$ 5,373	$ 7,741
April	2,819	$ 3.1942	$ 9,004	3,185	$ 0.7710	$ 2,456	3,185	$ 1.7493	$ 5,572	$ 8,028
May	2,292	$ 3.1942	$ 7,320	2,551	$ 0.7710	$ 1,967	2,551	$ 1.7493	$ 4,463	$ 6,430
June	2,173	$ 3.1942	$ 6,940	2,235	$ 0.7710	$ 1,723	2,235	$ 1.7493	$ 3,910	$ 5,634
July	2,198	$ 3.2915	$ 7,233	2,420	$ 0.7877	$ 1,906	2,420	$ 1.9755	$ 4,780	$ 6,686
August	2,059	$ 3.2915	$ 6,778	2,365	$ 0.7877	$ 1,863	2,365	$ 1.9755	$ 4,671	$ 6,534
September	1,902	$ 3.2915	$ 6,262	2,322	$ 0.7877	$ 1,829	2,322	$ 1.9755	$ 4,588	$ 6,417
October	2,208	$ 3.2915	$ 7,269	2,661	$ 0.7877	$ 2,096	2,661	$ 1.9755	$ 5,256	$ 7,352
November	3,079	$ 3.2915	$ 10,133	3,582	$ 0.7877	$ 2,822	3,582	$ 1.9755	$ 7,077	$ 9,898
December	5,059	$ 3.2915	$ 16,653	5,276	$ 0.7877	$ 4,156	5,276	$ 1.9755	$ 10,423	$ 14,579
Total	33,279	$ 3.24	$ 107,905	37,187	$ 0.78	$ 28,982	37,187	$ 1.86	$ 69,264	$ 98,247

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
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 Connection
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 Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	113,268	$ 3.6950	$ 418,528	121,431	$ 0.9347	$ 113,496	121,431	$ 2.2342	$ 271,295	$ 384,791
February	83,509	$ 3.6886	$ 308,028	86,744	$ 0.9328	$ 80,918	86,744	$ 2.2288	$ 193,332	$ 274,250
March	73,083	$ 3.6907	$ 269,729	76,951	$ 0.9333	$ 71,815	76,951	$ 2.2300	$ 171,603	$ 243,418
April	73,885	$ 3.6903	$ 272,658	75,389	$ 0.9329	$ 70,328	75,389	$ 2.2288	$ 168,031	$ 238,358
May	62,026	$ 3.6909	$ 228,933	71,909	$ 0.9340	$ 67,164	71,909	$ 2.2322	$ 160,518	$ 227,682
June	62,516	$ 3.6921	$ 230,813	73,226	$ 0.9348	$ 68,455	73,226	$ 2.2347	$ 163,640	$ 232,095
July	84,703	$ 3.8160	$ 323,227	84,925	$ 0.9551	$ 81,111	84,925	$ 2.2908	$ 194,542	$ 275,653
August	73,172	$ 3.8148	$ 279,141	78,347	$ 0.9548	$ 74,805	78,347	$ 2.2902	$ 179,430	$ 254,235
September	73,210	$ 3.8160	$ 279,371	77,144	$ 0.9548	$ 73,658	77,144	$ 2.2902	$ 176,678	$ 250,337
October	62,048	$ 3.8108	$ 236,456	73,061	$ 0.9537	$ 69,680	73,061	$ 2.2882	$ 167,176	$ 236,856
November	83,178	$ 3.8101	$ 316,913	92,026	$ 0.9533	$ 87,728	92,026	$ 2.2874	$ 210,498	$ 298,226
December	87,644	$ 3.7989	$ 332,954	88,499	$ 0.9497	$ 84,050	88,499	$ 2.2807	$ 201,836	$ 285,886
Total	932,242	$ 3.75	$ 3,496,751	999,652	$ 0.94	$ 943,207	999,652	$ 2.26	$ 2,258,579	$ 3,201,786

Low Voltage Switchgear Credit (if applicable)	$ -
Total including deduction for Low Voltage Switchgear Credit	$ 3,201,786

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2018 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	109,982	$ 3.8300	$ 421,231	117,589	$ 0.9600	$ 112,885	117,589	$ 2.3000	$ 270,455	$ 383,340
February	80,037	$ 3.8300	$ 306,542	83,067	$ 0.9600	$ 79,744	83,067	$ 2.3000	$ 191,054	$ 270,798
March	70,351	$ 3.8300	$ 269,444	73,880	$ 0.9600	$ 70,925	73,880	$ 2.3000	$ 169,924	$ 240,849
April	71,066	$ 3.8300	$ 272,183	72,204	$ 0.9600	$ 69,316	72,204	$ 2.3000	$ 166,069	$ 235,385
May	59,734	$ 3.8300	$ 228,781	69,358	$ 0.9600	$ 66,584	69,358	$ 2.3000	$ 159,523	$ 226,107
June	60,343	$ 3.8300	$ 231,114	70,991	$ 0.9600	$ 68,151	70,991	$ 2.3000	$ 163,279	$ 231,431
July	82,505	$ 3.8300	$ 315,994	82,505	$ 0.9600	$ 79,205	82,505	$ 2.3000	$ 189,762	$ 268,966
August	71,113	$ 3.8300	$ 272,363	75,982	$ 0.9600	$ 72,943	75,982	$ 2.3000	$ 174,759	$ 247,701
September	71,308	$ 3.8300	$ 273,110	74,822	$ 0.9600	$ 71,829	74,822	$ 2.3000	$ 172,091	$ 243,920
October	59,840	$ 3.8300	$ 229,187	70,400	$ 0.9600	$ 67,584	70,400	$ 2.3000	$ 161,920	$ 229,504
November	80,099	$ 3.8300	$ 306,779	88,444	$ 0.9600	$ 84,906	88,444	$ 2.3000	$ 203,421	$ 288,327
December	82,585	$ 3.8300	$ 316,301	83,223	$ 0.9600	$ 79,894	83,223	$ 2.3000	$ 191,413	$ 271,307
Total	898,963	$ 3.83	$ 3,443,028	962,465	$ 0.96	$ 923,966	962,465	$ 2.30	$ 2,213,670	$ 3,137,636

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	3,286	$ 3.2915	$ 10,814	3,842	$ 0.7877	$ 3,026	3,842	$ 1.9755	$ 7,589	$ 10,615
February	3,472	$ 3.2915	$ 11,429	3,677	$ 0.7877	$ 2,896	3,677	$ 1.9755	$ 7,263	$ 10,160
March	2,732	$ 3.2915	$ 8,993	3,071	$ 0.7877	$ 2,419	3,071	$ 1.9755	$ 6,067	$ 8,487
April	2,819	$ 3.2915	$ 9,278	3,185	$ 0.7877	$ 2,509	3,185	$ 1.9755	$ 6,292	$ 8,801
May	2,292	$ 3.2915	$ 7,543	2,551	$ 0.7877	$ 2,010	2,551	$ 1.9755	$ 5,040	$ 7,050
June	2,173	$ 3.2915	$ 7,152	2,235	$ 0.7877	$ 1,761	2,235	$ 1.9755	$ 4,416	$ 6,177
July	2,198	$ 3.2915	$ 7,233	2,420	$ 0.7877	$ 1,906	2,420	$ 1.9755	$ 4,780	$ 6,686
August	2,059	$ 3.2915	$ 6,778	2,365	$ 0.7877	$ 1,863	2,365	$ 1.9755	$ 4,671	$ 6,534
September	1,902	$ 3.2915	$ 6,262	2,322	$ 0.7877	$ 1,829	2,322	$ 1.9755	$ 4,588	$ 6,417
October	2,208	$ 3.2915	$ 7,269	2,661	$ 0.7877	$ 2,096	2,661	$ 1.9755	$ 5,256	$ 7,352
November	3,079	$ 3.2915	$ 10,133	3,582	$ 0.7877	$ 2,822	3,582	$ 1.9755	$ 7,077	$ 9,898
December	5,059	$ 3.2915	$ 16,653	5,276	$ 0.7877	$ 4,156	5,276	$ 1.9755	$ 10,423	$ 14,579
Total	33,279	$ 3.29	$ 109,537	37,187	$ 0.79	$ 29,292	37,187	$ 1.98	$ 73,463	$ 102,755

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Connection
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 Connection
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 Connection
Month	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Units Billed**	**Rate**	**Amount**	**Amount**
January	113,268	$ 3.81	$ 432,046	121,431	$ 0.95	$ 115,912	121,431	$ 2.29	$ 278,044	$ 393,955
February	83,509	$ 3.81	$ 317,970	86,744	$ 0.95	$ 82,640	86,744	$ 2.29	$ 198,317	$ 280,958
March	73,083	$ 3.81	$ 278,437	76,951	$ 0.95	$ 73,344	76,951	$ 2.29	$ 175,991	$ 249,335
April	73,885	$ 3.81	$ 281,461	75,389	$ 0.95	$ 71,825	75,389	$ 2.29	$ 172,362	$ 244,186
May	62,026	$ 3.81	$ 236,324	71,909	$ 0.95	$ 68,593	71,909	$ 2.29	$ 164,563	$ 233,157
June	62,516	$ 3.81	$ 238,266	73,226	$ 0.95	$ 69,912	73,226	$ 2.29	$ 167,695	$ 237,607
July	84,703	$ 3.82	$ 323,227	84,925	$ 0.96	$ 81,111	84,925	$ 2.29	$ 194,542	$ 275,653
August	73,172	$ 3.81	$ 279,141	78,347	$ 0.95	$ 74,805	78,347	$ 2.29	$ 179,430	$ 254,235
September	73,210	$ 3.82	$ 279,371	77,144	$ 0.95	$ 73,658	77,144	$ 2.29	$ 176,678	$ 250,337
October	62,048	$ 3.81	$ 236,456	73,061	$ 0.95	$ 69,680	73,061	$ 2.29	$ 167,176	$ 236,856
November	83,178	$ 3.81	$ 316,913	92,026	$ 0.95	$ 87,728	92,026	$ 2.29	$ 210,498	$ 298,226
December	87,644	$ 3.80	$ 332,954	88,499	$ 0.95	$ 84,050	88,499	$ 2.28	$ 201,836	$ 285,886
Total	932,242	$ 3.81	$ 3,552,565	999,652	$ 0.95	$ 953,259	999,652	$ 2.29	$ 2,287,132	$ 3,240,391
									Low Voltage Switchgear Credit (if applicable)	$ -
									Total including deduction for Low Voltage Switchgear Credit	$ 3,240,391

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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	0.0065	206,052,663	0	1,339,342	41.2%	1,439,526	0.0070
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0063	85,667,525	0	539,705	16.6%	580,076	0.0068
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.4823		519,655	1,289,940	39.6%	1,386,428	2.6680
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.6331		27,679	72,882	2.2%	78,333	2.8301
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0063	44,055	0	278	0.0%	298	0.0068
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.8814		317	596	0.0%	641	2.0221
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	1.8722		5,690	10,653	0.3%	11,450	2.0122

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	0.0064	206,052,663	0	1,318,737	43.2%	1,382,943	0.0067
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057	85,667,525	0	488,305	16.0%	512,079	0.0060
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.2452		519,655	1,166,729	38.2%	1,223,535	2.3545
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.4812		27,679	68,677	2.2%	72,021	2.6020
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0057	44,055	0	251	0.0%	263	0.0060
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7718		317	562	0.0%	589	1.8581
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.7355		5,690	9,875	0.3%	10,356	1.8200

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 %	Forecast Wholesale Billing	Proposed RTSR-Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0070	206,052,663	0	1,439,526	41.2%	1,462,503	**0.0071**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0068	85,667,525	0	580,076	16.6%	589,335	**0.0069**
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.6680		519,655	1,386,428	39.6%	1,408,557	**2.7106**
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8301		27,679	78,333	2.2%	79,583	**2.8752**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	$/kWh	0.0068	44,055	0	298	0.0%	303	**0.0069**
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.0221		317	641	0.0%	651	**2.0544**
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	$/kW	2.0122		5,690	11,450	0.3%	11,632	**2.0444**

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 %	Forecast Wholesale Billing	Proposed RTSR-Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0067	206,052,663	0	1,382,943	43.2%	1,399,618	**0.0068**
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0060	85,667,525	0	512,079	16.0%	518,254	**0.0060**
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.3545		519,655	1,223,535	38.2%	1,238,287	**2.3829**
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.6020		27,679	72,021	2.2%	72,889	**2.6334**
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0060	44,055	0	263	0.0%	267	**0.0060**
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8581		317	589	0.0%	596	**1.8805**
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8200		5,690	10,356	0.3%	10,481	**1.8419**

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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 2018 values and will be updated by OEB staff at a later date.

Price Escalator	**1.50%**	**Productivity Factor**	**0.00%**
Choose Stretch Factor Group	III	**Price Cap Index**	**1.20%**
Associated Stretch Factor Value	**0.30%**		

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	28.7				1.20%	29.04	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	24.58		0.0189		1.20%	24.87	0.0191
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	310.47		2.5918		1.20%	314.20	2.6229
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	6621.61		1.2171		1.20%	6,701.07	1.2317
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	5.44		0.0125		1.20%	5.51	0.0127
SENTINEL LIGHTING SERVICE CLASSIFICATION	5.01		17.4908		1.20%	5.07	17.7007
STREET LIGHTING SERVICE CLASSIFICATION	4.98		26.7006		1.20%	5.04	27.0210
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Ontario Energy Board

Incentive Rate-setting Mechanism Rat
for 2020 Filers

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

Regulatory Charges

Effective Date of Regulatory Charges		**January 1, 2019**	**January 1, 2020**
Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005	0.0005
Standard Supply Service - Administrative Charge (if applicable)	$/kWh	0.25	0.25

Time-of-Use RPP Prices

As of		May 1, 2019
Off-Peak	$/kWh	0.0650
Mid-Peak	$/kWh	0.0940
On-Peak	$/kWh	0.1340

Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	$	0.57

Distribution Rate Protection (DRP) Amount (Applicable to LDCs under the Distribution Rate Protection program):	$	36.86

Miscellaneous Service Charges

Wireline Pole Attachment Charge	**Unit**	**Current charge**	**Inflation factor ***	**Proposed charge ** / *****
Specific charge for access to the power poles - per pole/year	$	43.63	1.50%	44.28

Retail Service Charges		**Current charge**	**Inflation factor***	**Proposed charge *****
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00	1.50%	101.50
Monthly fixed charge, per retailer	$	40.00	1.50%	40.60
Monthly variable charge, per customer, per retailer	$/cust.	1.00	1.50%	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.60	1.50%	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.60)	1.50%	(0.61)
Service Transaction Requests (STR)				-
Request fee, per request, applied to the requesting party	$	0.50	1.50%	0.51
Processing fee, per request, applied to the requesting party	$	1.00	1.50%	1.02
Electronic Business Transaction (EBT) system, applied to the requesting party				
up to twice a year		no charge		no charge
more than twice a year, per request (plus incremental delivery costs)	$	4.00	1.50%	4.06
Notice of switch letter charge, per letter	$	2.00	1.50%	2.03

* inflation factor subject to change pending OEB approved inflation rate effective in 2020
** applicable only to LDCs in which the province-wide pole attachment charge applies
*** subject to change pending OEB order on miscellaneous service charges

e Generator

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	29.04
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Low Voltage Service Rate	$/kWh	0.0001
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kWh	0.0008
Retail Transmission Rate - Network Service Rate	$/kWh	0.0071
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0068

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	24.87
Smart Metering Entity Charge - effective until December 31, 2022	$	0.57
Distribution Volumetric Rate	$/kWh	0.0191
Low Voltage Service Rate	$/kWh	0.0001
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kWh	0.0007
Retail Transmission Rate - Network Service Rate	$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0060

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	314.20
Distribution Volumetric Rate	$/kW	2.6229
Low Voltage Service Rate	$/kW	0.0255
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kW	0.1090

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

		eb-2019-0057
Retail Transmission Rate - Network Service Rate	$/kW	2.7106
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	2.3829

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to Wholesale Market Participant (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	6,701.07
Distribution Volumetric Rate	$/kW	1.2317
Low Voltage Service Rate	$/kW	0.0282
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until April 30, 2021	$/kW	0.3146

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

		eb-2019-0057
Retail Transmission Rate - Network Service Rate - Interval Metered	$/kW	2.8752
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	$/kW	2.6334

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.51
Distribution Volumetric Rate	$/kWh	0.0127
Low Voltage Service Rate	$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kWh	0.0060

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.07
Distribution Volumetric Rate	$/kW	17.7007
Low Voltage Service Rate	$/kW	0.0201
Retail Transmission Rate - Network Service Rate	$/kW	2.0544
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8805

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

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

APPLICATION

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

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

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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 Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	$	5.04
Distribution Volumetric Rate	$/kW	27.0210
Low Voltage Service Rate	$/kW	0.0197
Retail Transmission Rate - Network Service Rate	$/kW	2.0444
Retail Transmission Rate - Line and Transformation Connection Service Rate	$/kW	1.8419

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	$/kWh	0.0005
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, 2020

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

eb-2019-0057

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	$	5.40

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for Transformer Losses - applied to measured demand & 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 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

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

		eb-2019-0057
Special meter reads	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account (see Note below)		
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)	$	44.28

NOTE: Ontario Energy Board Rate Order EB-2017-0183, issued on March 14, 2019, identifies changes to the Non-Payment of Account Service Charges effective July 1, 2019

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 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	$	101.50
Monthly Fixed Charge, per retailer	$	40.60
Monthly Variable Charge, per customer, per retailer	$	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	$	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	$	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.51
Processing fee, per request, applied to the requesting party	$	1.02
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)	$	4.06
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February 14, 2019)	$	2.00

North Bay Hydro Distribution Limited

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2020

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

eb-2019-0057

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

Ontario Energy Board

Incentive Rate-setting Mechanism Rate Generator for 2020 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 section 3.2.3 of the Chapter 3 Filing Requirements For Electricity Distribution Rate Applications.**

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

Note:
1. For those classes that are not eligible for the RPP price, the weighted average price including Class B GA through end of May 2018 of $0.1117/kWh (IESO's Monthly Market Report for May 2018, 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.
2. 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: 1.0351)	**Proposed Loss Factor**	**Consumption (kWh)**	**Demand kW (if applicable)**	RTSR **Demand or Demand-Interval?**	**Billing Determinant Applied to Fixed Charge for Unmetered Classes (e.g. # of devices/connections).**
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	RPP	1.0471	1.0471	750			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	RPP	1.0471	1.0471	2,000			
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	1,350,000	2,400	DEMAND	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	**kWh**	RPP	1.0471	1.0471	150			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	277			
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0471	1.0471	750			
RESIDENTIAL SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0471	1.0471	277			
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	**kWh**	Non-RPP (Retailer)	1.0471	1.0471	2,000			
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				
Add additional scenarios if required			1.0471	1.0471				

Table 2

RATE CLASSES / CATEGORIES *(eg: Residential TOU, Residential Retailer)*	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		$	%	$	%	$	%	$	%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.94	3.3%	$ 0.94	2.9%	$ 1.73	4.1%	$ 1.81	1.6%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - RPP	kWh	$ 2.09	3.4%	$ 2.09	2.9%	$ 3.97	4.1%	$ 4.17	1.5%
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 67.48	4.5%	$ 67.48	4.5%	$ 234.01	6.4%	$ 264.43	0.9%
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 869.54	9.1%	$ 869.54	9.0%	$ 1,959.86	9.0%	$ 2,214.64	1.1%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION - RPP	kWh	$ 0.10	1.4%	$ 0.10	1.3%	$ 0.24	2.5%	$ 0.27	1.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION - RPP	kW	$ 0.27	1.2%	$ 0.27	1.2%	$ 0.55	2.1%	$ 0.62	1.4%
STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	$ 476.03	1.2%	$ 476.03	1.2%	$ 606.97	1.5%	$ 685.88	1.0%
RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	$ 0.56	2.0%	$ 0.56	1.8%	$ 0.85	2.5%	$ 0.89	1.5%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.94	3.3%	$ 0.94	2.8%	$ 1.73	4.0%	$ 1.95	1.3%
RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	$ 0.56	2.0%	$ 0.56	1.8%	$ 0.85	2.5%	$ 0.96	1.3%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION - Non-RPP (Retaile	kWh	$ 2.09	3.4%	$ 2.09	2.8%	$ 3.97	4.0%	$ 4.49	1.2%

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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	750	$ -	$ 0.0008	750	$ 0.60	$ 0.60		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.64**	**$ 0.94**	**3.28%**	
Line Losses on Cost of Power	$ 0.0824	35	$ 2.91	$ 0.0824	35	$ 2.91	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	750	$ 0.08	$ 0.0001	750	$ 0.08	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 32.25**			**$ 33.19**	**$ 0.94**	**2.91%**	
RTSR - Network	$ 0.0065	785	$ 5.10	$ 0.0071	785	$ 5.58	$ 0.47	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	785	$ 5.03	$ 0.0068	785	$ 5.34	$ 0.31	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 42.38**			**$ 44.11**	**$ 1.73**	**4.07%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	785	$ 2.67	$ 0.0034	785	$ 2.67	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	785	$ 0.39	$ 0.0005	785	$ 0.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	488	$ 31.69	$ 0.0650	488	$ 31.69	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	128	$ 11.99	$ 0.0940	128	$ 11.99	$ -	0.00%	
TOU - On Peak	$ 0.1340	135	$ 18.09	$ 0.1340	135	$ 18.09	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 107.46**			**$ 109.19**	**$ 1.73**	**1.61%**	
HST	13%		$ 13.97	13%		$ 14.19	$ 0.22	1.61%	
8% Rebate	8%		$ (8.60)	8%		$ (8.73)	$ (0.14)		
Total Bill on TOU			**$ 112.83**			**$ 114.64**	**$ 1.81**	**1.61%**	

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	$ 24.58	1	$ 24.58	$ 24.87	1	$ 24.87	$ 0.29	1.18%	
Distribution Volumetric Rate	$ 0.0189	2000	$ 37.80	$ 0.0191	2000	$ 38.20	$ 0.40	1.06%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2000	$ -	$ 0.0007	2000	$ 1.40	$ 1.40		
Sub-Total A (excluding pass through)			**$ 62.38**			**$ 64.47**	**$ 2.09**	**3.35%**	
Line Losses on Cost of Power	$ 0.0824	94	$ 7.76	$ 0.0824	94	$ 7.76	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	2,000	$ 0.20	$ 0.0001	2,000	$ 0.20	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 70.91**			**$ 73.00**	**$ 2.09**	**2.95%**	
RTSR - Network	$ 0.0063	2,094	$ 13.19	$ 0.0069	2,094	$ 14.45	$ 1.26	9.52%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0057	2,094	$ 11.94	$ 0.0060	2,094	$ 12.57	$ 0.63	5.26%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 96.04**			**$ 100.01**	**$ 3.97**	**4.14%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,094	$ 7.12	$ 0.0034	2,094	$ 7.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,094	$ 1.05	$ 0.0005	2,094	$ 1.05	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	1,300	$ 84.50	$ 0.0650	1,300	$ 84.50	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	340	$ 31.96	$ 0.0940	340	$ 31.96	$ -	0.00%	
TOU - On Peak	$ 0.1340	360	$ 48.24	$ 0.1340	360	$ 48.24	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 269.16**			**$ 273.13**	**$ 3.97**	**1.48%**	
HST	13%		$ 34.99	13%		$ 35.51	$ 0.52	1.48%	
8% Rebate	8%		$ (21.53)	8%		$ (21.85)	$ (0.32)		
Total Bill on TOU			**$ 282.61**			**$ 286.79**	**$ 4.17**	**1.48%**	

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	$ 310.47	1	$ 310.47	$ 314.20	1	$ 314.20	$ 3.73	1.20%	
Distribution Volumetric Rate	$ 2.5918	455	$ 1,179.27	$ 2.6229	455	$ 1,193.42	$ 14.15	1.20%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	455	$ -	$ 0.1090	455	$ 49.60	$ 49.60		
Sub-Total A (excluding pass through)			**$ 1,489.74**			**$ 1,557.21**	**$ 67.48**	**4.53%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	455	$ -	$ -	455	$ -	$ -		
CBR Class B Rate Riders	$ -	455	$ -	$ -	455	$ -	$ -		
GA Rate Riders	$ -	192,000	$ -	$ -	192,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0255	455	$ 11.60	$ 0.0255	455	$ 11.60	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		455	$ -	$ -	455	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 1,501.34**			**$ 1,568.82**	**$ 67.48**	**4.49%**	
RTSR - Network	$ 2.4823	455	$ 1,129.45	$ 2.7106	455	$ 1,233.32	$ 103.88	9.20%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 2.2452	455	$ 1,021.57	$ 2.3829	455	$ 1,084.22	$ 62.65	6.13%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 3,652.35**			**$ 3,886.36**	**$ 234.01**	**6.41%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	201,043	$ 683.55	$ 0.0034	201,043	$ 683.55	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	201,043	$ 100.52	$ 0.0005	201,043	$ 100.52	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	201,043	$ 22,134.86	$ 0.1101	201,043	$ 22,134.86	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 26,571.53**			**$ 26,805.53**	**$ 234.01**	**0.88%**	
HST	13%		$ 3,454.30	13%		$ 3,484.72	$ 30.42	0.88%	
Total Bill on Average IESO Wholesale Market Price			**$ 30,025.83**			**$ 30,290.25**	**$ 264.43**	**0.88%**	

Customer Class:	GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	1,350,000	kWh
Demand	2,400	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	$ 6,621.61	1	$ 6,621.61	$ 6,701.07	1	$ 6,701.07	$ 79.46	1.20%	
Distribution Volumetric Rate	$ 1.2171	2400	$ 2,921.04	$ 1.2317	2400	$ 2,956.08	$ 35.04	1.20%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2400	$ -	$ 0.3146	2400	$ 755.04	$ 755.04		
Sub-Total A (excluding pass through)			**$ 9,542.65**			**$ 10,412.19**	**$ 869.54**	**9.11%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	2,400	$ -	$ -	2,400	$ -	$ -		
CBR Class B Rate Riders	$ -	2,400	$ -	$ -	2,400	$ -	$ -		
GA Rate Riders	$ -	1,350,000	$ -	$ -	1,350,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0282	2,400	$ 67.68	$ 0.0282	2,400	$ 67.68	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,400	$ -	$ -	2,400	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 9,610.33**			**$ 10,479.87**	**$ 869.54**	**9.05%**	
RTSR - Network	$ 2.6331	2,400	$ 6,319.44	$ 2.8752	2,400	$ 6,900.48	$ 581.04	9.19%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 2.4212	2,400	$ 5,810.88	$ 2.6334	2,400	$ 6,320.16	$ 509.28	8.76%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 21,740.65**			**$ 23,700.51**	**$ 1,959.86**	**9.01%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	1,399,410	$ 4,757.99	$ 0.0034	1,399,410	$ 4,757.99	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	1,399,410	$ 699.71	$ 0.0005	1,399,410	$ 699.71	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	1,399,410	$ 154,075.04	$ 0.1101	1,399,410	$ 154,075.04	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 181,273.64**			**$ 183,233.50**	**$ 1,959.86**	**1.08%**	
HST	13%		$ 23,565.57	13%		$ 23,820.36	$ 254.78	1.08%	
Total Bill on Average IESO Wholesale Market Price			**$ 204,839.21**			**$ 207,053.86**	**$ 2,214.64**	**1.08%**	

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	$ 5.44	1	$ 5.44	$ 5.51	1	$ 5.51	$ 0.07	1.29%	
Distribution Volumetric Rate	$ 0.0125	150	$ 1.88	$ 0.0127	150	$ 1.91	$ 0.03	1.60%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 7.32**			**$ 7.42**	**$ 0.10**	**1.37%**	
Line Losses on Cost of Power	$ 0.0824	7	$ 0.58	$ 0.0824	7	$ 0.58	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
CBR Class B Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
GA Rate Riders	$ -	150	$ -	$ -	150	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	150	$ 0.02	$ 0.0001	150	$ 0.02	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		150	$ -	$ -	150	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 7.91**			**$ 8.01**	**$ 0.10**	**1.26%**	
RTSR - Network	$ 0.0063	157	$ 0.99	$ 0.0069	157	$ 1.08	$ 0.09	9.52%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0057	157	$ 0.90	$ 0.0060	157	$ 0.94	$ 0.05	5.26%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 9.80**			**$ 10.04**	**$ 0.24**	**2.46%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	157	$ 0.53	$ 0.0034	157	$ 0.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	157	$ 0.08	$ 0.0005	157	$ 0.08	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	98	$ 6.34	$ 0.0650	98	$ 6.34	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	26	$ 2.40	$ 0.0940	26	$ 2.40	$ -	0.00%	
TOU - On Peak	$ 0.1340	27	$ 3.62	$ 0.1340	27	$ 3.62	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 23.01**			**$ 23.25**	**$ 0.24**	**1.05%**	
HST	13%		$ 2.99	13%		$ 3.02	$ 0.03	1.05%	
Total Bill on TOU			**$ 26.00**			**$ 26.28**	**$ 0.27**	**1.05%**	

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	$ 5.01	1	$ 5.01	$ 5.07	1	$ 5.07	$ 0.06	1.20%	
Distribution Volumetric Rate	$ 17.4908	1	$ 17.49	$ 17.7007	1	$ 17.70	$ 0.21	1.20%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 22.50**			**$ 22.77**	**$ 0.27**	**1.20%**	
Line Losses on Cost of Power	$ 0.0824	7	$ 0.58	$ 0.0824	7	$ 0.58	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
CBR Class B Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
GA Rate Riders	$ -	150	$ -	$ -	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	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		1	$ -	$ -	1	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 23.10**			**$ 23.37**	**$ 0.27**	**1.17%**	
RTSR - Network	$ 1.8814	1	$ 1.88	$ 2.0544	1	$ 2.05	$ 0.17	9.20%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 1.7718	1	$ 1.77	$ 1.8805	1	$ 1.88	$ 0.11	6.14%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 26.76**			**$ 27.31**	**$ 0.55**	**2.06%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	157	$ 0.53	$ 0.0034	157	$ 0.53	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	157	$ 0.08	$ 0.0005	157	$ 0.08	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	98	$ 6.34	$ 0.0650	98	$ 6.34	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	26	$ 2.40	$ 0.0940	26	$ 2.40	$ -	0.00%	
TOU - On Peak	$ 0.1340	27	$ 3.62	$ 0.1340	27	$ 3.62	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 39.97**			**$ 40.52**	**$ 0.55**	**1.38%**	
HST	13%		$ 5.20	13%		$ 5.27	$ 0.07	1.38%	
Total Bill on TOU			**$ 45.17**			**$ 45.79**	**$ 0.62**	**1.38%**	

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	$ 4.98	5424	$ 27,011.52	$ 5.04	5424	$ 27,336.96	$ 325.44	1.20%	
Distribution Volumetric Rate	$ 26.7006	470	$ 12,549.28	$ 27.0210	470	$ 12,699.87	$ 150.59	1.20%	
Fixed Rate Riders	$ -	5424	$ -	$ -	5424	$ -	$ -		
Volumetric Rate Riders	$ -	470	$ -	$ -	470	$ -	$ -		
Sub-Total A (excluding pass through)			**$ 39,560.80**			**$ 40,036.83**	**$ 476.03**	**1.20%**	
Line Losses on Cost of Power	$ -	-	$ -	$ -	-	$ -	$ -		
Total Deferral/Variance Account Rate Riders	$ -	470	$ -	$ -	470	$ -	$ -		
CBR Class B Rate Riders	$ -	470	$ -	$ -	470	$ -	$ -		
GA Rate Riders	$ -	165,000	$ -	$ -	165,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0197	470	$ 9.26	$ 0.0197	470	$ 9.26	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		470	$ -	$ -	470	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 39,570.06**			**$ 40,046.09**	**$ 476.03**	**1.20%**	
RTSR - Network	$ 1.8722	470	$ 879.93	$ 2.0444	470	$ 960.87	$ 80.93	9.20%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 1.7355	470	$ 815.69	$ 1.8419	470	$ 865.69	$ 50.01	6.13%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 41,265.68**			**$ 41,872.65**	**$ 606.97**	**1.47%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	172,772	$ 587.42	$ 0.0034	172,772	$ 587.42	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	172,772	$ 86.39	$ 0.0005	172,772	$ 86.39	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	5424	$ 1,356.00	$ 0.25	5424	$ 1,356.00	$ -	0.00%	
Average IESO Wholesale Market Price	$ 0.1101	172,772	$ 19,022.14	$ 0.1101	172,772	$ 19,022.14	$ -	0.00%	
Total Bill on Average IESO Wholesale Market Price			**$ 62,317.63**			**$ 62,924.60**	**$ 606.97**	**0.97%**	
HST	13%		$ 8,101.29	13%		$ 8,180.20	$ 78.91	0.97%	
Total Bill on Average IESO Wholesale Market Price			**$ 70,418.92**			**$ 71,104.80**	**$ 685.88**	**0.97%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	277	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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	277	$ -	$ -	277	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	277	$ -	$ 0.0008	277	$ 0.22	$ 0.22		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.26**	**$ 0.56**	**1.96%**	
Line Losses on Cost of Power	$ 0.0824	13	$ 1.07	$ 0.0824	13	$ 1.07	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
CBR Class B Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
GA Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	277	$ 0.03	$ 0.0001	277	$ 0.03	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		277	$ -	$ -	277	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 30.37**			**$ 30.93**	**$ 0.56**	**1.85%**	
RTSR - Network	$ 0.0065	290	$ 1.89	$ 0.0071	290	$ 2.06	$ 0.17	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	290	$ 1.86	$ 0.0068	290	$ 1.97	$ 0.12	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 34.11**			**$ 34.97**	**$ 0.85**	**2.50%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	290	$ 0.99	$ 0.0034	290	$ 0.99	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	290	$ 0.15	$ 0.0005	290	$ 0.15	$ -	0.00%	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%	
TOU - Off Peak	$ 0.0650	180	$ 11.70	$ 0.0650	180	$ 11.70	$ -	0.00%	
TOU - Mid Peak	$ 0.0940	47	$ 4.43	$ 0.0940	47	$ 4.43	$ -	0.00%	
TOU - On Peak	$ 0.1340	50	$ 6.68	$ 0.1340	50	$ 6.68	$ -	0.00%	
Total Bill on TOU (before Taxes)			**$ 58.31**			**$ 59.16**	**$ 0.85**	**1.46%**	
HST	13%		$ 7.58	13%		$ 7.69	$ 0.11	1.46%	
8% Rebate	8%		$ (4.66)	8%		$ (4.73)	$ (0.07)		
Total Bill on TOU			**$ 61.22**			**$ 62.12**	**$ 0.89**	**1.46%**	

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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	750	$ -	$ -	750	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	750	$ -	$ 0.0008	750	$ 0.60	$ 0.60		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.64**	**$ 0.94**	**3.28%**	
Line Losses on Cost of Power	$ 0.1101	35	$ 3.89	$ 0.1101	35	$ 3.89	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
CBR Class B Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
GA Rate Riders	$ -	750	$ -	$ -	750	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	750	$ 0.08	$ 0.0001	750	$ 0.08	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		750	$ -	$ -	750	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 33.23**			**$ 34.17**	**$ 0.94**	**2.83%**	
RTSR - Network	$ 0.0065	785	$ 5.10	$ 0.0071	785	$ 5.58	$ 0.47	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	785	$ 5.03	$ 0.0068	785	$ 5.34	$ 0.31	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 43.36**			**$ 45.09**	**$ 1.73**	**3.98%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	785	$ 2.67	$ 0.0034	785	$ 2.67	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	785	$ 0.39	$ 0.0005	785	$ 0.39	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	750	$ 82.58	$ 0.1101	750	$ 82.58	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 129.00**			**$ 130.73**	**$ 1.73**	**1.34%**	
HST	13%		$ 16.77	13%		$ 16.99	$ 0.22	1.34%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 145.77**			**$ 147.72**	**$ 1.95**	**1.34%**	

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	277	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	$ 28.70	1	$ 28.70	$ 29.04	1	$ 29.04	$ 0.34	1.18%	
Distribution Volumetric Rate	$ -	277	$ -	$ -	277	$ -	$ -		
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	277	$ -	$ 0.0008	277	$ 0.22	$ 0.22		
Sub-Total A (excluding pass through)			**$ 28.70**			**$ 29.26**	**$ 0.56**	**1.96%**	
Line Losses on Cost of Power	$ 0.1101	13	$ 1.44	$ 0.1101	13	$ 1.44	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
CBR Class B Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
GA Rate Riders	$ -	277	$ -	$ -	277	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	277	$ 0.03	$ 0.0001	277	$ 0.03	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		277	$ -	$ -	277	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 30.73**			**$ 31.30**	**$ 0.56**	**1.83%**	
RTSR - Network	$ 0.0065	290	$ 1.89	$ 0.0071	290	$ 2.06	$ 0.17	9.23%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0064	290	$ 1.86	$ 0.0068	290	$ 1.97	$ 0.12	6.25%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 34.48**			**$ 35.33**	**$ 0.85**	**2.47%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	290	$ 0.99	$ 0.0034	290	$ 0.99	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	290	$ 0.15	$ 0.0005	290	$ 0.15	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	277	$ 30.50	$ 0.1101	277	$ 30.50	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 66.10**			**$ 66.96**	**$ 0.85**	**1.29%**	
HST	13%		$ 8.59	13%		$ 8.70	$ 0.11	1.29%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 74.70**			**$ 75.66**	**$ 0.96**	**1.29%**	

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	$ 24.58	1	$ 24.58	$ 24.87	1	$ 24.87	$ 0.29	1.18%	
Distribution Volumetric Rate	$ 0.0189	2000	$ 37.80	$ 0.0191	2000	$ 38.20	$ 0.40	1.06%	
Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Volumetric Rate Riders	$ -	2000	$ -	$ 0.0007	2000	$ 1.40	$ 1.40		
Sub-Total A (excluding pass through)			**$ 62.38**			**$ 64.47**	**$ 2.09**	**3.35%**	
Line Losses on Cost of Power	$ 0.1101	94	$ 10.37	$ 0.1101	94	$ 10.37	$ -	0.00%	
Total Deferral/Variance Account Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
CBR Class B Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
GA Rate Riders	$ -	2,000	$ -	$ -	2,000	$ -	$ -		
Low Voltage Service Charge	$ 0.0001	2,000	$ 0.20	$ 0.0001	2,000	$ 0.20	$ -	0.00%	
Smart Meter Entity Charge (if applicable)	$ 0.57	1	$ 0.57	$ 0.57	1	$ 0.57	$ -	0.00%	
Additional Fixed Rate Riders	$ -	1	$ -	$ -	1	$ -	$ -		
Additional Volumetric Rate Riders		2,000	$ -	$ -	2,000	$ -	$ -		
Sub-Total B - Distribution (includes Sub-Total A)			**$ 73.52**			**$ 75.61**	**$ 2.09**	**2.84%**	
RTSR - Network	$ 0.0063	2,094	$ 13.19	$ 0.0069	2,094	$ 14.45	$ 1.26	9.52%	*In the manager's summary, discuss the reas*
RTSR - Connection and/or Line and Transformation Connection	$ 0.0057	2,094	$ 11.94	$ 0.0060	2,094	$ 12.57	$ 0.63	5.26%	*In the manager's summary, discuss the reas*
Sub-Total C - Delivery (including Sub-Total B)			**$ 98.65**			**$ 102.63**	**$ 3.97**	**4.03%**	
Wholesale Market Service Charge (WMSC)	$ 0.0034	2,094	$ 7.12	$ 0.0034	2,094	$ 7.12	$ -	0.00%	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	2,094	$ 1.05	$ 0.0005	2,094	$ 1.05	$ -	0.00%	
Standard Supply Service Charge									
Non-RPP Retailer Avg. Price	$ 0.1101	2,000	$ 220.20	$ 0.1101	2,000	$ 220.20	$ -	0.00%	
Total Bill on Non-RPP Avg. Price			**$ 327.02**			**$ 330.99**	**$ 3.97**	**1.22%**	
HST	13%		$ 42.51	13%		$ 43.03	$ 0.52	1.22%	
8% Rebate	8%			8%					
Total Bill on Non-RPP Avg. Price			**$ 369.53**			**$ 374.02**	**$ 4.49**	**1.22%**	

Customer Class:	Add additional scenarios if required	
RPP / Non-RPP:		
Consumption		kWh
Demand		kW
Current Loss Factor		
Proposed/Approved Loss Factor		

	Current OEB-Approved			Proposed			Impact	
	Rate ($)	Volume	Charge ($)	Rate ($)	Volume	Charge ($)	$ Change	% Change
Monthly Service Charge		1	$ -		1	$ -	$ -	
Distribution Volumetric Rate		0	$ -		0	$ -	$ -	
Fixed Rate Riders		1	$ -		1	$ -	$ -	
Volumetric Rate Riders		0	$ -		0	$ -	$ -	
Sub-Total A (excluding pass through)			$ -			$ -	$ -	
Line Losses on Cost of Power	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Deferral/Variance Account Rate Riders		-	$ -		-	$ -	$ -	
CBR Class B Rate Riders		-	$ -		-	$ -	$ -	
GA Rate Riders		-	$ -		-	$ -	$ -	
Low Voltage Service Charge		-	$ -		-	$ -	$ -	
Smart Meter Entity Charge (if applicable)	$ -	1	$ -	$ -	1	$ -	$ -	
Additional Fixed Rate Riders		1	$ -		1	$ -	$ -	
Additional Volumetric Rate Riders		-	$ -		-	$ -	$ -	
Sub-Total B - Distribution (includes Sub-Total A)			$ -			$ -	$ -	
RTSR - Network		-	$ -		-	$ -	$ -	
RTSR - Connection and/or Line and Transformation Connection		-	$ -		-	$ -	$ -	
Sub-Total C - Delivery (including Sub-Total B)			$ -			$ -	$ -	
Wholesale Market Service Charge (WMSC)	$ 0.0034	-	$ -	$ 0.0034	-	$ -	$ -	
Rural and Remote Rate Protection (RRRP)	$ 0.0005	-	$ -	$ 0.0005	-	$ -	$ -	
Standard Supply Service Charge	$ 0.25	1	$ 0.25	$ 0.25	1	$ 0.25	$ -	0.00%
TOU - Off Peak	$ 0.0650	-	$ -	$ 0.0650	-	$ -	$ -	
TOU - Mid Peak	$ 0.0940	-	$ -	$ 0.0940	-	$ -	$ -	
TOU - On Peak	$ 0.1340	-	$ -	$ 0.1340	-	$ -	$ -	
Non-RPP Retailer Avg. Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Average IESO Wholesale Market Price	$ 0.1101	-	$ -	$ 0.1101	-	$ -	$ -	
Total Bill on TOU (before Taxes)			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%		$ (0.02)	8%		$ (0.02)	$ -	
Total Bill on TOU			$ 0.26			$ 0.26	$ -	0.00%
Total Bill on Non-RPP Avg. Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Non-RPP Avg. Price			$ 0.28			$ 0.28	$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			$ 0.25			$ 0.25	$ -	0.00%
HST	13%		$ 0.03	13%		$ 0.03	$ -	0.00%
8% Rebate	8%			8%				
Total Bill on Average IESO Wholesale Market Price			$ 0.28			$ 0.28	$ -	0.00%

APPENDIX “E”

GA ANALYSIS WORKFORM

Ontario Energy Board

GA Analysis Workform

Version 1.9

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells	
Drop down cells	

Utility Name NORTH BAY HYDRO DISTRIBUTION LIMITED

Note 1 **Please select "Yes" in column D for any year being requested for disposition**

2014	**No**
2015	**No**
2016	**No**
2017	**Yes**
2018	**Yes**

Note 7 **Summary of GA (if multiple years requested for disposition)**

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2017	$ 209,981	$ (213,350)	$ 434,493	$ 221,143	$ 11,162	$ 20,346,531	0.1%
2018	$ (312,033)	$ (297,932)	$ (38,464)	$ (336,396)	$ (24,364)	$ 17,100,071	-0.1%
Cumulative Balance	**$ (102,052)**	**$ (511,282)**	**$ 396,029**	**$ (115,253)**	**$ (13,201)**	**$ 37,446,602**	**N/A**

Ontario Energy Board

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2017		
Total Metered excluding WMP	C = A+B	482,398,546	kWh	100%
RPP	A	258,570,810	kWh	53.6%
Non RPP	B = D+E	223,827,736	kWh	46.4%
Non-RPP Class A	D	29,330,106	kWh	6.1%
Non-RPP Class B*	E	194,497,631	kWh	40.3%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Please confirm that the above RRR data is accurate Confirmed

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month Yes

Note 4 **Analysis of Expected GA Amount**

Year	2017								
Calendar Month	**Non-RPP Class B Including Loss Factor Billed Consumption (kWh)**	**Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)**	**Add Current Month Unbilled Loss Adjusted Consumption (kWh)**	**Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)**	**GA Rate Billed ($/kWh)**	**$ Consumption at GA Rate Billed**	**GA Actual Rate Paid ($/kWh)**	**$ Consumption at Actual Rate Paid**	**Expected GA Variance ($)**
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	20,327,583			20,327,583	0.06687	$ 1,359,305	0.08227	$ 1,672,350	$ 313,045
February	18,459,787			18,459,787	0.10559	$ 1,949,169	0.08639	$ 1,594,741	$ (354,428)
March	20,350,527			20,350,527	0.08409	$ 1,711,276	0.07135	$ 1,452,010	$ (259,266)
April	17,261,438			17,261,438	0.06874	$ 1,186,551	0.10778	$ 1,860,438	$ 673,887
May	17,078,413			17,078,413	0.10623	$ 1,814,240	0.12307	$ 2,101,840	$ 287,600
June	16,977,685			16,977,685	0.11954	$ 2,029,513	0.11848	$ 2,011,516	$ (17,996)
July	15,182,761			15,182,761	0.10652	$ 1,617,268	0.11280	$ 1,712,615	$ 95,348
August	15,076,101			15,076,101	0.11500	$ 1,733,752	0.10109	$ 1,524,043	$ (209,709)
September	14,954,094			14,954,094	0.12739	$ 1,905,002	0.08864	$ 1,325,531	$ (579,471)
October	15,024,657			15,024,657	0.10212	$ 1,534,318	0.12563	$ 1,887,548	$ 353,230
November	16,215,805			16,215,805	0.11164	$ 1,810,332	0.09704	$ 1,573,582	$ (236,751)
December	17,707,361			17,707,361	0.08391	$ 1,485,825	0.09207	$ 1,630,317	$ 144,492
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**204,616,211**	**-**	**-**	**204,616,211**		**$ 20,136,550**		**$ 20,346,531**	**$ 209,981**

Calculated Loss Factor **1.0520**

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments		
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	**-$ 213,350**		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**	**$ Principal Adjustment on DVA Continuity Schedule**
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year	$ 409,353	Prior yr Reversal (corrected)	No	or. Offsetting balances did not effect threshold	
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year		Incorporated in Y/E principle	No	N/A	
2a	Remove prior year end unbilled to actual revenue differences	$ 76,016	Prior yr Reversal	No	Immaterial	
2b	Add current year end unbilled to actual revenue differences	-$ 50,876	Actual VS Accrual Variance	No	Immaterial	
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers					
3b	Add difference between current year accrual/forecast to actual from long term load transfers					
4	Remove GA balances pertaining to Class A customers					
5	Significant prior period billing adjustments recorded in current year					
6	Differences in GA IESO posted rate and rate charged on IESO invoice					
7	Differences in actual system losses and billed TLFs					
8	Others as justified by distributor					
9						
10						
				Total Principal Adjustments on DVA Continuity Schedule		$ -

Note 6

Adjusted Net Change in Principal Balance in the GL	$	221,143
Net Change in Expected GA Balance in the Year Per Analysis	$	209,981
Unresolved Difference	$	11,162
Unresolved Difference as % of Expected GA Payments to IESO		0.1%

Ontario Energy Board

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2018		
Total Metered excluding WMP	C = A+B	496,980,971	kWh	100%
RPP	A	273,151,806	kWh	55.0%
Non RPP	B = D+E	223,829,165	kWh	45.0%
Non-RPP Class A	D	42,947,475	kWh	8.6%
Non-RPP Class B*	E	180,881,690	kWh	36.4%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Please confirm that the above RRR data is accurate Confirmed

Note 3 **GA Billing Rate**

GA is billed on the 1st Estimate

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any paticular month Yes

Note 4 **Analysis of Expected GA Amount**

Year	2018								
Calendar Month	**Non-RPP Class B Including Loss Factor Billed Consumption (kWh)**	**Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)**	**Add Current Month Unbilled Loss Adjusted Consumption (kWh)**	**Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)**	**GA Rate Billed ($/kWh)**	**$ Consumption at GA Rate Billed**	**GA Actual Rate Paid ($/kWh)**	**$ Consumption at Actual Rate Paid**	**Expected GA Variance ($)**
	F	**G**	**H**	**I = F-G+H**	**J**	**K = I*J**	**L**	**M = I*L**	**=M-K**
January	18,772,168			18,772,168	0.08777	$ 1,647,633	0.06736	$ 1,264,493	$ (383,140)
February	16,246,860			16,246,860	0.07333	$ 1,191,382	0.08167	$ 1,326,881	$ 135,499
March	16,695,684			16,695,684	0.07877	$ 1,315,119	0.09481	$ 1,582,918	$ 267,799
April	15,357,529			15,357,529	0.09810	$ 1,506,574	0.09959	$ 1,529,456	$ 22,883
May	14,566,515			14,566,515	0.09392	$ 1,368,087	0.10793	$ 1,572,164	$ 204,077
June	14,236,159			14,236,159	0.13336	$ 1,898,534	0.11896	$ 1,693,533	$ (205,001)
July	15,441,821			15,441,821	0.08502	$ 1,312,864	0.07737	$ 1,194,734	$ (118,130)
August	15,138,524			15,138,524	0.07790	$ 1,179,291	0.07490	$ 1,133,875	$ (45,416)
September	14,061,708			14,061,708	0.08424	$ 1,184,558	0.08584	$ 1,207,057	$ 22,499
October	14,835,338			14,835,338	0.08921	$ 1,323,461	0.12059	$ 1,788,993	$ 465,533
November	15,916,889			15,916,889	0.12235	$ 1,947,431	0.09855	$ 1,568,609	$ (378,822)
December	16,711,998			16,711,998	0.09198	$ 1,537,170	0.07404	$ 1,237,356	$ (299,813)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	**187,981,193**	**-**	**-**	**187,981,193**		**$ 17,412,104**		**$ 17,100,071**	**$ (312,033)**

Calculated Loss Factor **1.0392**

Note 5 **Reconciling Items**

	Item	Amount	Explanation	Principal Adjustments		
	Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	$ (297,932)		**Principal Adjustment on DVA Continuity Schedule**	**If "no", please provide an explanation**	**$ Principal Adjustment on DVA Continuity Schedule**
1a	True-up of GA Charges based on Actual Non-RPP Volumes - prior year		Incorporated in Y/E principle	No	N/A	
1b	True-up of GA Charges based on Actual Non-RPP Volumes - current year		Incorporated in Y/E principle	No	N/A	
2a	Remove prior year end unbilled to actual revenue differences	$ 50,876	Prior yr Reversal	No	Immaterial	
2b	Add current year end unbilled to actual revenue differences	$ (89,340)	Actual VS Accrual Variance	No	Immaterial	
3a	Remove difference between prior year accrual/forecast to actual from long term load transfers					
3b	Add difference between current year accrual/forecast to actual from long term load transfers					
4	Remove GA balances pertaining to Class A customers					
5	Significant prior period billing adjustments recorded in current year					
6	Differences in GA IESO posted rate and rate charged on IESO invoice					
7	Differences in actual system losses and billed TLFs					
8	Others as justified by distributor					
9						
10						

Total Principal Adjustments on DVA Continuity Schedule $ -

Note 6

Adjusted Net Change in Principal Balance in the GL	$	(336,396)
Net Change in Expected GA Balance in the Year Per Analysis	$	(312,033)
Unresolved Difference	$	(24,364)
Unresolved Difference as % of Expected GA Payments to IESO		-0.1%

APPENDIX “F”

2018 RRR FILING 2.1.5.4 – DEMAND AND REVENUE

Table 3b Total Metered Consumption (SSS + Retailer) and Annual Billings by Generic Rate Class Metered consumption in kWhs and kW will auto-populate from Table 1 and Table 2a. Please input Annual Billings for each generic rate class. The sum of annual billings for all rate classes should equal Account 4080 from the RRR 2.1.7 Trial Balance.

Generic Rate Class	Metered consumption in kWhs (a+c+e)	Metered consumption in kWs (b+d+f)	Annual Bilings - Distribution Revenue (Acct. 4080)
Residential	196,784,129.95	0	7,247,833.81
General Service < 50 kW	81,814,082.00	0	2,313,988.05
General Service >= 50 kW	216,184,388.07	547,334	2,268,519.30
Large User	0.00	0	0.00
Sub Transmission Customers	0.00	0	0.00
Embedded Distributor(s)	0.00	0	0.00
Street Lighting Connections	2,031,595.18	5,690	468,216.29
Sentinel Lighting Connections	124,703.33	317	30,533.43
Unmetered Scattered Load Connections	42,072.62	0	1,145.69
Total (Auto-Calculated)	496,980,971.15	553,341	12,330,236.57

Table 4 Wholesale Market Participants

Please report billed kWhs and annual billings ($) for wholesale market participants connected to the distributor's distribution system.

Billed KWhs

0.00

Annual Billings (in dollars)

APPENDIX “G”

INDECO – LR RELATED TO CDM 2015-2018 REPORT

Strategic Solutions for a Changing World™

North Bay Hydro Distribution Ltd.
2015-2018 LRAMVA

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

2015-2018

IndEco

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

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IndEco Strategic Consulting Inc. 2019
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IndEco report B9172
30 October 2019

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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. These savings and reductions 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 and subsequently with the IESO for the 2015-2020 period.

LRAMVA had already been claimed through 2014 in Ontario Energy Board rate case EB-2016-0214.

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] The final 2017 annual verified results report is the most recent final CDM evaluation report available from the IESO and includes final results for 2015 and adjustments for 2015 and 2016 programs.

Normally, the IESO releases adjustments to previous year values with each annual report. Due to direction from the Province, IESO announced that it would not be providing an annual verified report for 2018. On July 15, 2019, the OEB released a document *Addendum to Filing Requirements for Electricity Distribution Rate Applications: 2020 Rate Applications* which instructs LDCs to base savings subsequent to the 2017 final verified report on the IESO Participation and Cost Reports. These are used to determine the 2018 savings, and asjutments made subsequent to the release of the 2017 final savings values.

NBHDL may claim lost revenue from CDM programs up to and including 2018 in NBHDL's 2020 rate case (EB-2019-0057).

---

[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 - 2017 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2017.

NBHDL disposed of lost revenues from 2011–2012 CDM programs in NBHDL's 2013 rate case, and its lost revenues from 2013-2014 in the 2017 application.

NBHDL included the impacts of CDM in the load forecast for NBHDL's 2015 cost of service rate case and estimated the CDM savings in 2015 (EB-2014-0099). The LRAMVA threshold estimated from 2015 CDM programs is compared to the calculated lost revenue from verified final CDM results. The difference between these two is the LRAMVA value NBHDL is claiming for 2015 through 2018. This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2015 related to programs offered in 2014
- Lost revenues in 2015 related to programs offered in 2015
- Lost revenues in 2016 related to programs offered in 2014
- Lost revenues in 2016 related to programs offered in 2015
- Lost revenues in 2016 related to programs offered in 2016
- Lost revenues in 2017 related to programs offered in 2014,
- Lost revenues in 2017 related to programs offered in 2015,
- Lost revenues in 2017 related to programs offered in 2016,
- Lost revenues in 2017 related to programs offered in 2017,
- Lost revenues in 2018 related to programs offered in 2014,
- Lost revenues in 2018 related to programs offered in 2015,
- Lost revenues in 2018 related to programs offered in 2016,
- Lost revenues in 2018 related to programs offered in 2017, and
- Lost revenues in 2018 related to programs offered in 2018.

The carrying charges on the above variances through April 2020 are also reported.

Methodology

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

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

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

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

CDM 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 for each initiative or program. Peak load reductions are also calculated and reported in the same way. For some programs the IESO calculates gross and net energy at the project level.

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

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

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

Allocating results to rate classes

The IESO reports results by program or initiative. These only partially map onto rate classes. The IESO provided net results by project for projects in programs that span multiple rate classes in 2015, 2016 and 2017 and North Bay Hydro identified the rate classes for these projects to calculate the allocation across rate classes. In 2018, North Bay Hydro reported information on projects to the IESO and again the rate

classes were identified for individual projects to calculate the allocation. The allocation was calculated according to the billing unit of the relevant rate class. That is, for GS<50 projects, their allocation is the percentage of total kWh for projects in that rate class; for GS>50, their allocation is the percentage of total kW for projects in that rate class.

Application of reported results

Through 2017, the IESO reported 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 net 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 net demand reductions are used to calculate lost revenues related to CDM results.[3] The demand reductions in the IESO reports are multiplied by 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."[4]

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."[5]

---

[3] The exception is a large cogeneration project that North Bay Hydro developed with the North Bay Regional Health Centre. Given the timing and size of the project a special calculation is undertaken, as discussed later in this report.

[4] 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-2017-0182, May 19, 2017, p. 4.

[5] Ibid. p. 7.

For 2018 and adjustments to 2015 through 2017 made after the 2017 final results were available, the IESO did not report demand reductions. Demand reductions were estimated based on the relationship between energy and demand for each program in the verified results for that year where available, or in the previous year within NBHDL.

Load reductions accounted for in the load forecast

In recent years, LDCs have incorporated projected load losses that will result from CDM programs in their load forecasts, submitted as part of their Cost of Service applications. When determining actual lost revenues, these forecasted reductions in a particular year need to be deducted from load losses attributable to CDM programs in that year 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 as first-year savings for programs by 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).

CARRYING CHARGES

Because these revenues are lost throughout the year and are only recovered through rate riders in subsequent years, the Ontario Energy Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB and published on the Board's

website. The carrying charges are simple interest, not compounded, and are calculated on the monthly lost revenue balance. Because the IESO final results estimates are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. Thus, 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.

REPORTING OF LOST REVENUE

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. The results reference tables provided in the completed LRAMVA workform that uses the OEB's template.

CDM RESULTS

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations for all savings through 2017, except for the cogeneration project.

The most April 2019 IESO Participation and Cost report was used to determine savings for 2018, and 2016 and 2017 adjustments. Since demand savings estimates are not provided in the Participation and Cost report, for programs in rate classes billed by demand, these were estimated based on the kW/kWh for the same program realized by North Bay Hydro in the most recent year.

The IESO provided NBHDL with persistence data for savings at the program level for programs through 2017.

The IESO Participation and Cost reports estimates 2020 persistence of 2018 programs and 2016 and 2017 adjustments made after the release of the final 2017 verified results. These values are included in the workform, with intermediate years estimated via linear interpolation.

The data provided are presented in Table 4d on Tab 4, and Tables 5a to 5d on Tab 5 of the LRAMVA work form.

Cogeneration project

North Bay Hydro spent several years working with the North Bay Regional Health Centre to develop a cogeneration project under the Process Systems and Upgrades Program, and the facility began operation in late December 2015.

IESO reported energy savings for the project in its 2016 final results report for North Bay Hydro of 11,249,000 kWh but did not report peak demand reductions.

Particularly for a large, lumpy project like this, it is more appropriate to rely upon actual generation data, rather than peak demand estimates given that the customer's peak (which determines revenues) may not be consistent with the system peak, and the billing demand may be sensitive to whether or not the cogeneration facility was operating at full capacity, particularly during the start-up period.

Loss of LDC revenues for the facility is calculated by comparing what the billed demand would have been in the absence of the cogeneration

facility, to what was actually billed. To calculate this, the default billing demand was calculated by looking at the total facility demand in each hour (billed kW + generated kW) and determining the hour with the highest total facility demand in each month, then subtracting from this the billed demand (kW) in each month. This was done for each month in 2016, 2017 and 2018. Generation kilowatts were reduced by an estimate for the parasitic demand of the facility, that is, power used by the cogeneration facility for its own operation. The associated values are shown in the Tables on Tab 9 of the work form.

The IESO reported net to gross ratio for energy savings for the project was 1.0, and this value was used for the demand reductions also.

Allocating results to rate classes

NBHDL provided information on the allocation of results to rate classes, drawing on project specific information provided by the IESO. In most cases, the allocation is straightforward. Initiatives that spanned multiple rate classes in 2016, 2017 or 2018 included Retrofit, 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 4d of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Tables 5-a, b, c, and d of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015, 2016, 2017 and 2018 results respectively. In each year the rate class allocation percentage totals for each program may not add up to exactly 100% in cases were kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Load reductions accounted for in the load forecast

The cost of service application affecting 2015 through 2018 results was filed for the 2015 rate year (EB-2014-0099). The load forecast associated with that application included a CDM adjustment to account for estimated load losses from 2014 and 2015 CDM programs. Related

to the specific adjustment made to the forecast for CDM, is the LRAMVA threshold value.

"The LRAMVA threshold value is the anticipated lost revenue amount (based on anticipated CDM savings) based on what is reflected in the underlying load forecast (i.e., used for billing determinants, as applicable) when the distributor has rebased rates through a cost of service (or Custom IR) application."[6]

As stated in the quoted guideline, this value is compared with actual lost revenues (based on actual CDM savings) to generate the final LRAMVA amount.

The 2015 energy thresholds (kWh) are set out in the COS settlement agreement, which is appended to the Board's decision.[7] Also part of that settlement decision is a separately filed load forecast model in working Microsoft Excel named "North Bay 2015 Load Forecast Model_Settlement".

In the case of the demand threshold (kW), the value in the table in the settlement is not consistent with that actually used in the agreed upon load forecasting model. The load forecast for GS>50 rate class was increased (meaning the CDM impact was decreased) because the cogeneration facility developed in NBHDL's service territory was not expected to fully impact revenues to the extent of the anticipated energy savings. The 2015 forecast load was increased by 25% of 24,000 kW; 25% since the facility was only expected to begin operations in the final quarter of 2015. This LRAMVA kW threshold value in the table of the agreement does not capture this adjustment.

The LRAMVA is calculated using the actual values that were used in the formulation of the forecast (see Appendix). The threshold values on Table 2-b of the workform shows the agreed upon threshold, as adjusted for the cogeneration project.

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 4d of the work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Tables 5-a, 5-b and

---

[6] 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-2017-0182, May 19, 2017, p.8.

[7] Ontario Energy Board. 2015. *Decision and Order EB-2014-0099: North Bay Hydro Distribution Ltd.* p. 54 (PDF page).

5-c, and 5-d of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2015, 2016, 2017 and 2018.

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 3 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. Table 3-a of the OEB LRAMVA work form shows the pro-rated rates used for 2015 through 2018. 2011-2014 rates were removed, as lost revenues through 2014 were claimed in past applications.

LOST REVENUES

The lost revenues for each year by rate class for NBHDL calculated from final CDM program results are shown in Table 1-b of the OEB LRAMVA work form. The lost revenue for 2015 through 2018 is based on the load impact for each rate class in 2014-2018 multiplied by the rate for that rate class in that year. The load impact includes the impact of CDM programs in 2015-2018 and the persistence of the CDM program impact from programs offered in 2014.

Table 1-b of the OEB LRAMVA work form also shows the lost revenue in 2015, 2016, 2017 and 2018 due to CDM activities accounted for in NBHDL's 2015 load forecast. The impact on NBHDL's revenue is the variance between what is calculated from final CDM program results and CDM results already accounted for in the load forecast.

CARRYING CHARGES

The monthly carrying charges by rate class on NBHDL's lost revenue variance are shown in Table 6 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted (January 2015), through to April 30, 2020.

Conclusions

The LRAMVA balance at the end of December 2018 for NBHDL that includes results from 2014 – 2018 CDM programs and adjustments to 2014 to 2017 results is $274,497. The total carrying charges on this LRAMVA balance accumulated to April 30, 2019 are $14,540. These balances are attributable to individual rate classes according to the following table:

Customer Class	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	$141,063	$8,128	$149,191
GS < 50 kW	$56,757	$3,173	$59,930
GS 50 to 2,999 kW	$53,944	$2,724	$56,668
GS 3,000 to 4,999 kW	$8,194	$514	$8,708
Total	**$259,958**	**$14,540**	**$274,497**

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

Appendix A. Derivation of revised threshold

The 2015 cost of service settlement agreement sets out the manual adjustment and LRAMVA threshold on p.54 of the EB-2014-0099 decision as follows:

2015 CDM Manual adjustment	2015 (kWh) - Full Year	Factor	2015 CDM Adjustment
2014 CDM Programs	2,656,334	0.5	1,328,167
2015 CDM Programs Excl Cogen	1,343,022	0.5	671,511
2015 Cogen	12,200,000	0.25	3,050,000
Total	**16,199,356**		**5,049,678**

The full year estimates were broken down by rate class and the associated kilowatt amounts were calculated.

2015 LRAMVA Threshold	kWh	kW
Residential	1,769,698	
General Service < 50 kW	967,905	
General Service 50 to 2,999 kW	13,461,754	33,344
Total	**16,199,357**	**33,344**

However, these values failed to take into account an adjustment that was made in the load forecast model to account for a more realistic assessment of the likely impact of the cogeneration unit on revenue. Specifically, 24,000 kW was subtracted from the estimated load impact of the cogeneration facility. Multiplying by the adjustment factor used for the cogeneration facility of 0.25 (because it was only expected to operate for one quarter of 2015), yielded an adjustment to the load forecast of 6,000 kW. This adjustment is evident in the filed spreadsheet "North Bay 2015 Load Forecast Model_Settlement Prop_20150622.xlsx" at cell B18 of the "Rate Class Load Model" tab.

The values used in the load forecast were:

Rate class	LRAMVA threshold		Factor	2015 CDM Adjustment	
	kWh	kW		kWh	kW
Residential	1,769,698	N/A	0.50	884,849	
General Service < 50 kW	967,905	N/A	0.50	483,953	
General Service 50-2,999 kW Exc Cogen	1,261,754	3,089	0.50		1,545
General Service 50-2,999 kW Cogen	12,200,000	29,870	0.25		7,467
General Service 50-2,999 kW Cogen Adjustment	NA	-24,000	0.25		(6,000)
Total	**16,199,357**	**8,959**		**1,368,802**	**3,012**

Notes: The above table and the load forecast model use the approved kW/kWh factor of 0.2448%

The LRAMVA work form uses the values that were used in the forecast.

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APPENDIX “H”

2020 LRAMVA WORK FORM

Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

LDC Name North Bay Hydro Distribution Ltd.

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2016-0214
Application of Previous LRAMVA Claim	2017 IRM Application
Period of LRAMVA Claimed in Previous Application	2013-2014
Amount of LRAMVA Claimed in Previous Application	$ 191,584.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2019-0057
Application of Current LRAMVA Claim	2020 COS Application
Period of New LRAMVA in this Application	2015-2018
Period of Rate Recovery (# years)	3

Actual Lost Revenues ($)	A	**$ 456,022**
Forecast Lost Revenues ($)	B	**$ 196,064**
Carrying Charges ($)	C	**$ 14,540**
LRAMVA ($) for Account 1568	A-B+C	**$ 274,497**

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$141,063	$8,128	$149,191
GS < 50 kW	kWh	$56,757	$3,173	$59,930
GS 50 to 2,999 kW	kW	$53,944	$2,724	$56,668
GS 3,000 to 4,999 kW	kW	$8,194	$514	$8,708
Unmetered Scattered Load	kWh	$0	$0	$0
Sentinel Lighting	kW	$0	$0	$0
Street Lighting	kW	$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$259,958**	**$14,540**	**$274,497**

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	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
		kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
2011 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2012 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2013 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2014 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2014 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2015 Actuals		$37,632.67	$18,142.50	$18,497.36	$2,455.79	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$76,728.32
2015 Forecast		($24,244.86)	($16,841.54)	($20,846.70)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($61,933.10)
Amount Cleared																
2016 Actuals		$63,060.32	$36,853.11	$34,352.90	$2,456.21	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$136,722.53
2016 Forecast		($21,059.41)	($17,519.07)	($22,250.57)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($60,829.05)
Amount Cleared																
2017 Actuals		$81,809.96	$44,132.74	$48,248.11	$2,458.85	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$176,649.66
2017 Forecast		($15,042.43)	($17,809.45)	($22,621.48)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($55,473.35)
Amount Cleared																
2018 Actuals		$23,153.78	$15,799.35	$26,144.53	$823.51	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$65,921.17
2018 Forecast		($4,247.28)	($6,001.01)	($7,580.21)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($17,828.49)
Amount Cleared																
Carrying Charges		$8,128.34	$3,173.15	$2,724.20	$513.90	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$14,539.60
Total LRAMVA Balance		**$149,191**	**$59,930**	**$56,668**	**$8,708**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$274,497**

Note: LDC to make note of assumptions included above, if any

Ontario Energy Board

LRAMVA Work Form: Summary of Changes

Version 4.0 (2020)

Legend	
	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	3. Distribution Rates	c124:o127	Removed rates for 2011-2014	Already claimed LRAMVA for these years
2	5. 2015-2020 LRAM	Column B	Order program names according to IESO report and excluded programs not in	Simplifies comparison to IESO report
3	5. 2015-2020 LRAM	Row 59,122:123, 306:307	Where IESO has adjustments in more than one year, show separately	Simplifies comparison to IESO report
4	5. 2015-2020 LRAM	p72:r72	Demand persistence for PSUI from (new) Tab 9	Impacts on revenues based on actual data, rather than IESO report
5	5. 2015-2020 LRAM	P72:R72	Actual data on impact of PSUI CHP project on load from Tab 9	IESO report doesn't accurately capture information on load impacts
6	6. Carrying Charges	C51:C52,H154:H155	Interest rates estimated for Jan-April 2020	Rates not yet published by OEB
7	9. Cogeneration	All	Actual data on impact of PSUI CHP project on load	IESO report doesn't accurately capture information on load impacts
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Ontario Energy Board

LRAMVA Work Form: Forecast Lost Revenues

Version 4.0 (2020)

Legend

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

Table 2-a. LRAMVA Threshold 2010

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-b. LRAMVA Threshold 2015

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	16,199,356	1,769,698	967,905	13,461,753											
kW	8,959			8,959											
Summary		1769698	967905	8959	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold 2014 and 2015 CDM estimates

Source of Threshold EB-2014-0099 settlement, p.54 in Board decision (PDF page number), see note below regarding kW value

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	2015	1,769,698	967,905	8,959	0	0	0	0	0	0	0	0	0	0	0
2016	2015	1,769,698	967,905	8,959	0	0	0	0	0	0	0	0	0	0	0
2017	2015	1,769,698	967,905	8,959	0	0	0	0	0	0	0	0	0	0	0
2018	2015	1,769,698	967,905	8,959	0	0	0	0	0	0	0	0	0	0	0

Note: kW values are based on what actually was used in the forecast model, where demand savings from the CHP project were manually reduced. See appendix of accompanying report for full details.

Ontario Energy Board

LRAMVA Work Form: Distribution Rates

Version 4.0 (2020)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-0152	EB-2013-0157	EB-2014-0099	EB-2015-0092	EB-2016-0214	EB-2017-0065	EB-2018-XXXX	EB-2019-0057	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)					*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	
Period 2 (# months)		*12*	*12*	*12*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*12*
Residential						$ 0.0131	$ 0.0141	$ 0.0108	$ 0.0073				
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other						-$ 0.0002							
Adjusted rate		$ -	$ -	$ -	$ -	$ 0.0129	$ 0.0141	$ 0.0108	$ 0.0073	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.0086**	**$ 0.0137**	**$ 0.0119**	**$ 0.0085**	**$ 0.0024**	**$ -**	**$ -**	
GS < 50 kW						$ 0.0167	$ 0.0179	$ 0.0182	$ 0.0185				
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other						-$ 0.0002							
Adjusted rate		$ -	$ -	$ -	$ -	$ 0.0165	$ 0.0179	$ 0.0182	$ 0.0185	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.0110**	**$ 0.0174**	**$ 0.0181**	**$ 0.0184**	**$ 0.0062**	**$ -**	**$ -**	
GS 50 to 2,999 kW						$ 2.0966	$ 2.4541	$ 2.4983	$ 2.5383				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other						-$ 0.0242							
Adjusted rate		$ -	$ -	$ -	$ -	$ 2.0724	$ 2.4541	$ 2.4983	$ 2.5383	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 1.3816**	**$ 2.3269**	**$ 2.4836**	**$ 2.5250**	**$ 0.8461**	**$ -**	**$ -**	
GS 3,000 to 4,999 kW						$ 1.1150	$ 1.1525	$ 1.1732	$ 1.1920				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other						-$ 0.0187							
Adjusted rate		$ -	$ -	$ -	$ -	$ 1.0963	$ 1.1525	$ 1.1732	$ 1.1920	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.7309**	**$ 1.1338**	**$ 1.1663**	**$ 1.1857**	**$ 0.3973**	**$ -**	**$ -**	
Unmetered Scattered Load						$ 0.0162	$ 0.0119	$ 0.0121	$ 0.0123				
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other						-$ 0.0002							
Adjusted rate		$ -	$ -	$ -	$ -	$ 0.0160	$ 0.0119	$ 0.0121	$ 0.0123	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.0107**	**$ 0.0133**	**$ 0.0120**	**$ 0.0122**	**$ 0.0041**	**$ -**	**$ -**	
Sentinel Lighting						$ 15.4370	$ 16.5613	$ 16.8594	$ 17.1292				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other						-$ 0.2297							
Adjusted rate		$ -	$ -	$ -	$ -	$ 15.2073	$ 16.5613	$ 16.8594	$ 17.1292	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 10.1382**	**$ 16.1100**	**$ 16.7600**	**$ 17.0393**	**$ 5.7097**	**$ -**	**$ -**	
Street Lighting						$ 26.1255	$ 25.2818	$ 25.7369	$ 26.1487				
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other						-$ 0.4566							
Adjusted rate		$ -	$ -	$ -	$ -	$ 25.6689	$ 25.2818	$ 25.7369	$ 26.1487	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 17.1126**	**$ 25.4108**	**$ 25.5852**	**$ 26.0114**	**$ 8.7162**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. **Please clear the rates related to the year(s) that are not part of the LRAMVA claim.**

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

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							
	kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0
2011	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2012	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2013	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2014									$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2015	$0.0137	$0.0174	$2.3269	$1.1338	$0.0133	$16.1100	$25.4108	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2016	$0.0119	$0.0181	$2.4836	$1.1663	$0.0120	$16.7600	$25.5852	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2017	$0.0085	$0.0184	$2.5250	$1.1857	$0.0122	$17.0393	$26.0114	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2018	$0.0024	$0.0062	$0.8461	$0.3973	$0.0041	$5.7097	$8.7162	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2019	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2020	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Note: 2014 removed from this table as LRAMVA for 2014 has already been claimed

Ontario Energy Board

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. 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 (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a: 2011 Lost Revenues
Table 4-b: 2012 Lost Revenues
Table 4-c: 2013 Lost Revenues
Table 4-d: 2014 Lost Revenues

Table 4-d: 2014 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS < 50 kW	GS 50 to 2,999 kW	GS 3,000 to 4,999 kW	Unmetered Scattend Load	Sentinel Lighting	Street Lighting									Total
	Consumer Program																							kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	36,095	36,095	36,095	35,991	17,575	0	0	0	0	0		6	6	6	6	3	0	0	0	0	0	100%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	14,039	14,039	14,039	14,039	0	0	0	0	0	0		8	8	8	8	0	0	0	0	0	0	100%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	122,815	122,815	122,815	122,815	122,815	122,815	122,815	122,815	122,815	122,815		64	64	64	64	64	64	64	64	64	64	100%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	153,000	142,210	137,013	137,013	137,013	137,013	137,013	136,751	136,751	117,321		11	11	10	10	10	10	10	10	10	9	100%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	655,413	568,564	523,303	523,303	523,303	523,303	523,303	523,076	523,076	486,490		43	37	35	35	35	35	35	35	35	32	100%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		99	0	0	0	0	0	0	0	0	0	100.00%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																						
10	Retrofit	Verified	1,287,576	1,287,576	1,287,576	1,253,137	1,253,137	1,252,095	1,217,560	1,217,560	1,172,092	1,017,395	12	170	170	170	160	160	160	155	155	149	129		10%	62%	28%												100%
	Adjustment to 2014 savings	True-up											12											0.00%	10.00%	62.00%	28.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	558,707	552,688	512,550	268,378	268,378	268,378	268,378	268,236	268,236	268,236	12	152	151	140	69	69	69	69	69	69	69		86%	14.00%													100%
	Adjustment to 2014 savings	True-up											12											0.00%	86.00%	14.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																										0%
	Adjustment to 2014 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	68,104	68,104	68,104	68,104	68,104	68,104	68,104	68,104	68,104	68,104	12	252	252	252	252	252	252	252	252	252	252		40.00%	60.00%													100%
	Adjustment to 2014 savings	True-up											12											0.00%	40.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		2	0	0	0	0	0	0	0	0	0		100.00%														100%
	Adjustment to 2014 savings	True-up																						0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		463	0	0	0	0	0	0	0	0	0			100.00%													100%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
18	Process & System Upgrades	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	2,592	1,728	1,728	1,728	1,728	1,728	1,728	1,728	1,728	1,728	12	0	0	0	0	0	0	0	0	0	0			33.00%	67.00%												100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	33.00%	67.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																						
23	Home Assistance Program	Verified	230,488	230,156	227,501	227,501	227,501	227,501	227,501	227,501	216,599	216,599		20	20	20	20	20	20	20	20	20	20	100%															100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																						
24	Home Assistance Program	Verified																																					0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																										0%
	Adjustment to 2014 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																						
26	Electricity Retrofit Incentive Program	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified											12																										0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																										0%
	Adjustment to 2014 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

29	Multifamily Energy Efficiency Rebates	Verified												0																					0%
	Adjustment to 2014 savings	True-up												0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified												0																					0%
	Adjustment to 2014 savings	True-up												0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																		
31	Program Enabled Savings	Verified												0																					0%
	Adjustment to 2014 savings	True-up												0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	208	0	0	0	0	0	0	0	0	0	**100.00%**											100%
	Adjustment to 2014 savings	True-up												0										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified												12																					0%
	Adjustment to 2014 savings	True-up												12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**3,128,830**												**1,499**									**1,211,850**	**636,487**	**3,339**	**571**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2014																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2014																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2014 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2014 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2014 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2014 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Total Lost Revenues in 2014																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
	Forecast Lost Revenues in 2014																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
	LRAMVA in 2014																																						**$0.00**
	2014 Savings Persisting in 2015																							1,113,879	631,311	3,336	571	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2016																							1,060,766	596,793	3,319	571	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2017																							1,060,662	383,361	3,125	539	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2018																							1,028,207	383,361	3,125	538	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2019																							1,010,632	383,256	3,123	537	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2020																							1,010,632	379,803	3,088	521	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. 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 (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 5-a. 2015 Lost Revenues
Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues
Table 5-e. 2019 Lost Revenues
Table 5-f. 2020 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	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
	Legacy Framework																							kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0	
	Residential Program																																						
1	Coupon Initiative	Verified	213,430	211,630	211,630	211,630	211,630	211,630	211,630	211,529	211,529	211,529		14	13	13	13	13	13	13	13	13	13	100.00%															100%
	Adjustment to 2015 savings	2016 True-up	11,426	11,338	11,338	11,338	11,338	11,338	11,338	11,288	11,288	11,288		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	475,960	467,471	467,471	467,471	467,471	467,471	467,471	467,245	467,245	467,245		32	32	32	32	32	32	32	32	32	32	100.00%															100%
	Adjustment to 2015 savings	True-up	1,099	1,090	1,090	1,090	1,090	1,090	1,090	1,089	1,089	1,089		-	-	-	-	-	-	-	-	-	-	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	10,403	10,403	10,403	10,403	3,663	0	0	0	0	0		2	2	2	2	1	-	-	-	-	-	100.00%															100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified	237,592	237,592	237,592	237,592	237,592	237,592	237,592	237,592	237,592	237,592		121	121	121	121	121	121	121	121	121	121	100.00%															100%
	Adjustment to 2015 savings	True-up	6,378	6,378	6,378	6,378	6,378	6,378	6,378	6,378	6,378	6,378		3	3	3	3	3	3	3	3	3	3	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified																																					0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																						
6	Energy Audit Initiative	Verified	799,186	799,186	799,186	799,186	0	0	0	0	0	0	12	170	170	170	170	0	0	0	0	0	0			100.00%													100%
	Adjustment to 2015 savings	True-up	53,778	53,778	53,778	53,778	852,966	852,966	852,966	852,966	852,966	852,966	12	11	11	11	11	182	182	182	182	182	182	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	2,679,685	2,679,685	2,673,464	2,673,464	2,673,464	2,673,464	2,661,252	2,661,252	2,547,099	2,466,868	12	371	371	369	369	369	369	368	368	333	328		11%	57%	32.00%												100%
		2016 True-up	90,277	90,277	90,277	90,277	90,277	90,277	88,177	88,177	72,494	59,284	12	14	14	14	14	14	14	13	13	11	9	0%	11%	57%	32.00%												
	Adjustment to 2015 savings	2017 True-up	-1,966	-1,966	4,255	4,961	4,961	4,961	19,271	19,271	141,115	178,321	12	-1	-1	1	1	1	1	3	3	37	36	0.00%	11.23%	56.63%	32.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	113,840	96,443	55,548	55,343	55,343	55,343	55,343	55,343	55,343	55,343	12	27	23	12	12	12	12	12	12	12	12		100%														100%
	Adjustment to 2015 savings	2017 True-up	-57,649	-40,251	643	5,065	5,065	5,065	5,065	5,065	5,065	5,065	12	-14	-10	-	1	1	1	1	1	1	1	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified	44,324	44,324	44,324	44,324	44,324	44,324	44,324	44,324	44,324	44,324	12	6	6	6	6	6	6	6	6	6	6		100.00%														100%
	Adjustment to 2015 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																										0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12													100.00%													100%
	Adjustment to 2015 savings	True-up	11,249,000	11,249,000	11,249,000	11,249,000	11,249,000	11,249,000	11,249,000	11,249,000	11,249,000	11,249,000	12	0	445	657	1,365	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	18,096	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	16,371	12	10	5	5	5	5	5	5	5	5	5				100.00%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																						
14	Low Income Initiative	Verified	445,404	393,679	384,984	376,288	376,288	376,288	373,167	373,167	295,415	294,952		28	26	25	25	25	25	25	25	21	20	100%															100%
	Adjustment to 2015 savings	True-up											0											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																						
15	Aboriginal Conservation Program	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																						
17	Conservation Fund Pilot - EnerNOC	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																						
	Residential Province-Wide Programs																																						
21	Save on Energy Coupon Program	Verified	148,063	146,738	146,738	146,738	146,738	146,738	146,738	146,629	146,629	146,629		10	9	9	9	9	9	9	9	9	9	100%															100%
	Adjustment to 2015 savings	True-up	58,575	57,859	57,859	57,859	57,859	57,859	57,859	57,752	57,752	57,752		4	4	4	4	4	4	4	4	4	4	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	16,467	16,467	16,467	16,467	16,467	16,467	16,467	16,467	16,467	16,467		8	8	8	8	8	8	8	8	8	8	100%															100%
	Adjustment to 2015 savings	True-up	8,234	8,234	8,234	8,234	8,234	8,234	8,234	8,234	8,234	8,234		4	4	4	4	4	4	4	4	4	4	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																																					0%

	Adjustment to 2015 savings	True-up																									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																						0%
	Adjustment to 2015 savings	True-up																									0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																							
25	Save on Energy Audit Funding Program	Verified													12																									0%
	Adjustment to 2015 savings	True-up													12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	2016 True-up	150,012	150,012	150,012	150,012	150,012	150,012	150,012	150,012	150,012	150,012	12	19	19	19	19	19	19	19	19	19	19	**0.00%**	**0.00%**	**0.00%**	**0.00%**													0%
	Adjustment to 2015 savings	2017 True-up	-22,764	-22,764	-22,764	-22,764	-22,764	-22,764	-22,764	-22,764	-22,764	-22,764	12	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																											0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																							
33	Business Refrigeration Local Program	Verified											0																											0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																											0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																											0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																							
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																						0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																											0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2015		**16,748,850**											**836**										**1,633,031**	**411,361**	**4,613**	**1,595**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2015																							**1,769,698**	**967,905**	**8,959**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2015																							$0.01370	$0.01740	$2.32690	$1.13380	$0.01330	$16.11000	$25.41080	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2015 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2015 from 2014 programs																							$15,260.14	$10,984.82	$7,762.51	$647.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$34,655.35
	Lost Revenue in 2015 from 2015 programs																							$22,372.52	$7,157.68	$10,734.86	$1,807.91	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$42,072.97
	Total Lost Revenues in 2015																							**$37,632.67**	**$18,142.50**	**$18,497.36**	**$2,455.79**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$76,728.32**
	Forecast Lost Revenues in 2015																							**$24,244.86**	**$16,841.54**	**$20,846.70**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$61,933.10**
	LRAMVA in 2015																																						**$14,795.22**
	2015 Savings Persisting in 2016																							1,568,879	411,362	9,997	1,535	0	0	0	0	0	0	0	0	0	0		
	2015 Savings Persisting in 2017																							1,560,184	411,361	12,671	1,535	0	0	0	0	0	0	0	0	0	0		
	2015 Savings Persisting in 2018																							1,551,488	415,657	21,178	1,535	0	0	0	0	0	0	0	0	0	0		
	2015 Savings Persisting in 2019																							1,544,748	415,657	4,805	1,535	0	0	0	0	0	0	0	0	0	0		
	2015 Savings Persisting in 2020																							1,541,085	415,657	4,805	1,535	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA															
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	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
Conservation First Framework																																							
Residential Province-Wide Programs																																							
Save on Energy Coupon Program	Verified	2,188,786	2,188,786	2,188,786	2,188,786	2,188,786	2,188,786	2,188,786	2,188,371	2,188,371	2,173,980		143	143	143	143	143	143	143	143	143	142	100.00%															100%
Adjustment to 2016 savings	True-up	245,356	245,356	245,356	245,356	245,356	245,356	245,356	245,339	245,339	245,176		16	16	16	16	16	16	16	16	16	16	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Heating and Cooling Program	Verified	233,485	233,485	233,485	233,485	233,485	233,485	233,485	233,485	233,485	233,485		66	66	66	66	66	66	66	66	66	66	100.00%															100%

	Adjustment to 2016 savings	True-up	1,914	1,914	1,914	1,914	1,914	1,914	1,914	1,914	1,914	1,914		1	1	1	1	1	1	1	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	1,483,737	1,462,062	1,462,062	1,462,062	1,462,062	1,462,062	1,462,062	1,462,062	1,462,062	1,462,062	12	86	84	84	84	84	84	84	84	84	84		66.26%	33.74%												100%
	Adjustment to 2016 savings	2017 Verified	267,395	289,071	289,071	289,071	289,071	289,071	289,071	289,071	289,071	289,071	12	13	15	15	15	15	15	15	15	15	15			100.00%												
	Adjustment to 2016 savings	2018 Unverifie	17,114	17,093	17,072	17,050	17,029						12	1	1	1	1	1						0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified	116,535	116,535	116,535	116,535	116,535	116,535	116,535	116,535	116,535	116,535	12	0	0	0	0	0	0	0	0	0	0		38.45%													38%
	Adjustment to 2016 savings	True-up											12											0.00%	38.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																									0%
	Adjustment to 2016 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																					
33	Business Refrigeration Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																					
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
50	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Verified	502	502	502	502	502	502	502	502	502	502		0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2016		**4,554,824**											**326**										**2,669,541**	**1,027,929**	**516**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2016																							**1,769,698**	**967,905**	**8,959**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2016																							$0.01190	$0.01810	$2.48360	$1.16630	$0.01200	$16.76000	$25.58520	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2016 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2014 programs																							$12,623.12	$10,801.95	$8,242.30	$666.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$32,333.81
	Lost Revenue in 2016 from 2015 programs																							$18,669.66	$7,445.65	$24,829.54	$1,789.76	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$52,734.61
	Lost Revenue in 2016 from 2016 programs																							$31,767.54	$18,605.51	$1,281.06	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$51,654.11
	Total Lost Revenues in 2016																							**$63,060.32**	**$36,853.11**	**$34,352.90**	**$2,456.21**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$136,722.53**
	Forecast Lost Revenues in 2016																							**$21,059.41**	**$17,519.07**	**$22,250.57**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$60,829.05**
	LRAMVA in 2016																																					**$75,893.48**
	2016 Savings Persisting in 2017																							2,669,541	1,013,567	532	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2018																							2,669,541	1,013,567	532	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2019																							2,669,541	1,013,567	532	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2020																							2,669,541	1,013,567	532	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

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		Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)		Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)	Rate Allocations for LRAMVA

	Program	Results Status	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Monthly Multiplier	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	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
	Conservation First Framework																																						
	Residential Province-Wide Programs																																						
21	Save on Energy Coupon Program	Verified	2,180,483	1,755,084	1,755,084	1,755,084	1,755,084	1,755,084	1,755,084	1,755,068	1,755,068	1,751,174		151	122	122	122	122	122	122	122	122	122	100.00%															100%
	Adjustment to 2017 savings	Unverified	3,055	3,047	3,039	3,030																		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified	214,358	214,358	214,358	214,358	214,358	214,358	214,358	214,358	214,358	214,358		52	52	52	52	52	52	52	52	52	52	100.00%															100%
	Adjustment to 2017 savings	Unverified	36,249	36,249	36,249	36,249																		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Save on Energy Instant Discount Program	Verified	1,839,072	1,331,835	1,331,835	1,331,835	1,331,835	1,331,835	1,331,835	1,331,809	1,331,809	1,331,809		126	92	92	92	92	92	92	92	92	92	100.00%															100%
	Adjustment to 2017 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																					0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																						
25	Save on Energy Audit Funding Program	Verified	65,334	65,334	65,334	65,334	65,334	65,334	65,334	65,334	65,334	56,427	12	3	3	3	3	3	3	3	3	3	3		0.00%	100.00%												100%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	1,378,032	1,413,479	1,413,479	1,413,479	1,413,479	1,187,181	1,187,181	1,187,181	1,187,181	1,187,181	12	267	280	280	280	280	234	234	234	234	234		25.41%	62.42%												88%
	Adjustment to 2017 savings	Unverified	512,955	512,109	511,264	510,418							12	99	101	101	101							0.00%	25.41%	62.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified	109,785	109,785	109,785	109,785	109,785	78,466	75,052	60,144	42,366	13,297	12	25	25	25	25	25	20	20	16	12	4		100.00%													100%
	Adjustment to 2017 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																										0%
	Adjustment to 2017 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	1,305	12	0	0	0	0	0	0	0	0	0	0		0.00%	100.00%												100%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																						
33	Business Refrigeration Local Program	Verified											0																										0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																										0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																										0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																						
	Whole Home Pilot Program	Verified	13,306	13,306	13,306	13,306	13,163	13,163	13,163	13,163	13,163	13,163	12	1	1	1	1	1	1	1	1	1	1	100.00%														100%
	Adjustment to 2016 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	Verified	47,791	47,791	47,791	47,791	47,791	47,791	47,791	34,699	34,699	34,699	12	3	3	3	3	3	3	3	1	1	1	100.00%														100%
	Adjustment to 2017 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																					0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																										0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2017		**6,401,725**											**727**										**4,334,315**	**590,230**	**2,780**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2017																							**1,769,698**	**967,905**	**8,959**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2017																							$0.00850	$0.01840	$2.52500	$1.18570	$0.01220	$17.03930	$26.01140	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2017 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2017 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2017 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2017 from 2014 programs																							$9,015.63	$7,053.84	$7,891.62	$639.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$24,600.40
	Lost Revenue in 2017 from 2015 programs																							$13,261.56	$7,569.04	$31,993.51	$1,819.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$54,643.64
	Lost Revenue in 2017 from 2016 programs																							$22,691.10	$18,649.63	$1,342.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$42,683.26
	Lost Revenue in 2017 from 2017 programs																							$36,841.67	$10,860.23	$7,020.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$54,722.35
	Total Lost Revenues in 2017																							**$81,809.96**	**$44,132.74**	**$48,248.11**	**$2,458.85**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$176,649.66**
	Forecast Lost Revenues in 2017																							**$15,042.43**	**$17,809.45**	**$22,621.48**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$55,473.35**
	LRAMVA in 2017																																						**$121,176.31**
	2017 Savings Persisting in 2018																							3,401,670	599,021	2,893	0	0	0	0	0	0	0	0	0	0			
	2017 Savings Persisting in 2019																							3,401,662	598,806	2,892	0	0	0	0	0	0	0	0	0	0			
	2017 Savings Persisting in 2020																							3,401,653	598,591	2,891	0	0	0	0	0	0	0	0	0	0			

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA															
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	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
	Conservation First Framework																																						
	Residential Province-Wide Programs																																						
21	Save on Energy Instant Discount	Unverified	788,258	785,018	781,778																			100.00%															100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Unverified	208,245	208,245	208,245																			100.00%															100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																						100.00%															100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																						100.00%															100%
	Adjustment to 2018 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																						
25	Save on Energy Audit Funding Program	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Unverified	1,480,673	1,477,012	1,473,351								12	287	293	292									8.32%	92.14%													100%
	Adjustment to 2018 savings	True-up											12												8.32%	92.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Unverified	13,501	11,091	8,681								12	3	3	2									100.00%														100%
	Adjustment to 2018 savings	True-up											12												100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																										0%
	Adjustment to 2018 savings	True-up											3												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																						
33	Instant Savings Program	Verified	85,711	85,711	85,711								0																										0%
	Adjustment to 2018 savings	True-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																										0%
	Adjustment to 2018 savings	True-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																										0%
	Adjustment to 2018 savings	True-up											0												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																						
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																					0%
	Adjustment to 2018 savings	True-up																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																										0%
	Adjustment to 2018 savings	True-up											12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2018		**2,576,388**											**290**										**996,503**	**136,676**	**3,172**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2018																							**1,769,898**	**967,905**	**8,959**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2018																							$0.00240	$0.00620	$0.84610	$0.39730	$0.00410	$5.70970	$8.71620	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2018 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
	Lost Revenue in 2018 from 2014 programs																							$2,467.70	$2,376.84	$2,643.98	$213.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$7,702.35
	Lost Revenue in 2018 from 2015 programs																							$3,723.57	$2,577.07	$17,918.79	$609.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$24,829.11
	Lost Revenue in 2018 from 2016 programs																							$6,406.90	$6,284.12	$449.86	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$13,140.87
	Lost Revenue in 2018 from 2017 programs																							$8,164.01	$3,713.93	$2,447.91	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$14,325.85
	Lost Revenue in 2018 from 2018 programs																							$2,391.61	$847.39	$2,684.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$5,923.00
	Total Lost Revenues in 2018																							**$23,153.78**	**$15,799.35**	**$26,144.53**	**$823.51**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$65,921.17**
	Forecast Lost Revenues in 2018																							**$4,247.28**	**$6,001.01**	**$7,580.21**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$17,828.49**
	LRAMVA in 2018																																						**$48,092.68**
	2018 Savings Persisting in 2019																							993,263	133,962	3,235	0	0	0	0	0	0	0	0	0	0	0		
	2018 Savings Persisting in 2020																							990,023	131,247	3,227	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	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
Legacy Framework																							kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0		
Actual CDM Savings in 2019		0											0										0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Forecast CDM Savings in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Distribution Rate in 2019																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
Lost Revenue in 2019 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2019 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Total Lost Revenues in 2019																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
Forecast Lost Revenues in 2019																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
LRAMVA in 2019																																							**$0.00**
2019 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0			

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	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
Legacy Framework																							kWh	kWh	kW	kW	kWh	kW	kW	0	0	0	0	0	0	0		
Actual CDM Savings in 2020		0											0										0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Forecast CDM Savings in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Distribution Rate in 2020																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
Lost Revenue in 2020 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Lost Revenue in 2020 from 2020 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00
Total Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
Forecast Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
LRAMVA in 2020																																							**$0.00**

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form:
Carrying Charges by Rate Class

Version 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
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	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	
2020 Q4	

Check OEB website

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	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
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2011				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2014				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-14	2011-2014	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

Sep-14	2011-2014	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-14	2011-2014	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2014				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2015				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-15	2011-2015	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-15	2011-2015	Q1	0.12%	$1.37	$0.13	-$0.24	$0.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1.51
Mar-15	2011-2015	Q1	0.12%	$2.73	$0.27	-$0.48	$0.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3.02
Apr-15	2011-2015	Q2	0.09%	$3.07	$0.30	-$0.54	$0.56	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3.39
May-15	2011-2015	Q2	0.09%	$4.09	$0.40	-$0.72	$0.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4.52
Jun-15	2011-2015	Q2	0.09%	$5.11	$0.50	-$0.90	$0.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5.65
Jul-15	2011-2015	Q3	0.09%	$6.14	$0.60	-$1.08	$1.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6.78
Aug-15	2011-2015	Q3	0.09%	$7.16	$0.70	-$1.26	$1.31	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.91
Sep-15	2011-2015	Q3	0.09%	$8.18	$0.80	-$1.44	$1.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9.04
Oct-15	2011-2015	Q4	0.09%	$9.20	$0.89	-$1.62	$1.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10.17
Nov-15	2011-2015	Q4	0.09%	$10.23	$0.99	-$1.79	$1.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11.30
Dec-15	2011-2015	Q4	0.09%	$11.25	$1.09	-$1.97	$2.06	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$12.43
Total for 2015				**$68.53**	**$6.66**	**-$12.03**	**$12.57**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$75.73**
Amount Cleared																		
Opening Balance for 2016				**$68.53**	**$6.66**	**-$12.03**	**$12.57**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$75.73**
Jan-16	2011-2016	Q1	0.09%	$12.27	$1.19	-$2.15	$2.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$13.56
Feb-16	2011-2016	Q1	0.09%	$15.48	$2.67	-$1.23	$2.44	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$19.36
Mar-16	2011-2016	Q1	0.09%	$18.69	$4.15	-$0.30	$2.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$25.16
Apr-16	2011-2016	Q2	0.09%	$21.90	$5.62	$0.62	$2.81	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$30.95
May-16	2011-2016	Q2	0.09%	$25.11	$7.10	$1.54	$3.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$36.75
Jun-16	2011-2016	Q2	0.09%	$28.31	$8.58	$2.47	$3.19	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$42.55
Jul-16	2011-2016	Q3	0.09%	$31.52	$10.05	$3.39	$3.38	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$48.35
Aug-16	2011-2016	Q3	0.09%	$34.73	$11.53	$4.32	$3.56	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$54.14
Sep-16	2011-2016	Q3	0.09%	$37.94	$13.01	$5.24	$3.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$59.94
Oct-16	2011-2016	Q4	0.09%	$41.15	$14.48	$6.17	$3.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$65.74
Nov-16	2011-2016	Q4	0.09%	$44.36	$15.96	$7.09	$4.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$71.54
Dec-16	2011-2016	Q4	0.09%	$47.56	$17.44	$8.02	$4.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$77.33
Total for 2016				**$427.55**	**$118.45**	**$23.15**	**$51.97**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$621.11**
Amount Cleared																		
Opening Balance for 2017				**$427.55**	**$118.45**	**$23.15**	**$51.97**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$621.11**
Jan-17	2011-2017	Q1	0.09%	$50.77	$18.92	$8.94	$4.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$83.13
Feb-17	2011-2017	Q1	0.09%	$55.87	$20.93	$10.90	$4.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$92.39
Mar-17	2011-2017	Q1	0.09%	$60.97	$22.94	$12.86	$4.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$101.64
Apr-17	2011-2017	Q2	0.09%	$66.07	$24.95	$14.81	$5.07	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.90
May-17	2011-2017	Q2	0.09%	$71.17	$26.96	$16.77	$5.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$120.16
Jun-17	2011-2017	Q2	0.09%	$76.27	$28.97	$18.73	$5.44	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$129.41
Jul-17	2011-2017	Q3	0.09%	$81.37	$30.98	$20.69	$5.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$138.67
Aug-17	2011-2017	Q3	0.09%	$86.48	$32.99	$22.64	$5.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$147.93
Sep-17	2011-2017	Q3	0.09%	$91.58	$35.00	$24.60	$6.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$157.18
Oct-17	2011-2017	Q4	0.13%	$131.83	$50.47	$36.22	$8.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$226.96
Nov-17	2011-2017	Q4	0.13%	$138.79	$53.21	$38.89	$8.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$239.59
Dec-17	2011-2017	Q4	0.13%	$145.74	$55.96	$41.56	$8.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$252.21
Total for 2017				**$1,484.47**	**$520.71**	**$290.74**	**$125.36**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,421.29**
Amount Cleared																		
Opening Balance for 2018				**$1,484.47**	**$520.71**	**$290.74**	**$125.36**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,421.29**
Jan-18	2011-2018	Q1	0.13%	$152.70	$58.70	$44.22	$9.21	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$264.83
Feb-18	2011-2018	Q1	0.13%	$154.66	$59.72	$46.16	$9.30	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$269.84
Mar-18	2011-2018	Q1	0.13%	$156.63	$60.74	$48.09	$9.39	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$274.85
Apr-18	2011-2018	Q2	0.16%	$199.84	$77.82	$63.03	$11.93	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$352.62
May-18	2011-2018	Q2	0.16%	$202.32	$79.10	$65.47	$12.04	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$358.94
Jun-18	2011-2018	Q2	0.16%	$204.80	$80.39	$67.91	$12.15	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$365.25
Jul-18	2011-2018	Q3	0.16%	$207.28	$81.68	$70.34	$12.26	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$371.56
Aug-18	2011-2018	Q3	0.16%	$209.77	$82.96	$72.78	$12.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$377.87
Sep-18	2011-2018	Q3	0.16%	$212.25	$84.25	$75.22	$12.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$384.18
Oct-18	2011-2018	Q4	0.18%	$246.54	$98.21	$89.16	$14.45	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$448.35
Nov-18	2011-2018	Q4	0.18%	$249.39	$99.68	$91.95	$14.57	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455.60
Dec-18	2011-2018	Q4	0.18%	$252.24	$101.16	$94.75	$14.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$462.84
Total for 2018				**$3,932.90**	**$1,485.11**	**$1,119.82**	**$270.19**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$6,808.02**
Amount Cleared																		
Opening Balance for 2019				**$3,932.90**	**$1,485.11**	**$1,119.82**	**$270.19**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$6,808.02**
Jan-19	2011-2019	Q1	0.20%	$288.00	$115.88	$110.14	$16.73	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$530.75
Feb-19	2011-2019	Q1	0.20%	$288.00	$115.88	$110.14	$16.73	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$530.75
Mar-19	2011-2019	Q1	0.20%	$288.00	$115.88	$110.14	$16.73	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$530.75
Apr-19	2011-2019	Q2	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
May-19	2011-2019	Q2	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Jun-19	2011-2019	Q2	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Jul-19	2011-2019	Q3	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Aug-19	2011-2019	Q3	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Sep-19	2011-2019	Q3	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Oct-19	2011-2019	Q4	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Nov-19	2011-2019	Q4	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Dec-19	2011-2019	Q4	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Total for 2019				**$7,103.29**	**$2,760.72**	**$2,332.21**	**$454.35**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$12,650.57**
Amount Cleared																		
Opening Balance for 2020				**$7,103.29**	**$2,760.72**	**$2,332.21**	**$454.35**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$12,650.57**
Jan-20	2011-2020	Q1	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Feb-20	2011-2020	Q1	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Mar-20	2011-2020	Q1	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
Apr-20	2011-2020	Q2	0.18%	$256.26	$103.11	$98.00	$14.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$472.26
May-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

Jul-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2020				**$8,128.34**	**$3,173.15**	**$2,724.20**	**$513.90**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$14,539.60**
Amount Cleared																		

Ontario Energy Board

LRAMVA Work Form:
Documentation for Cogeneration Projects

Version 4.0 (2020)

Legend | User Inputs (Green)

Instructions

North Bay Hydro implemented a cogeneration project in late 2015 under the Save on Energy Process & Systems Upgrad Program
IESO showed energy savings for this program in the 2015 adjustments released with the 2016 final results, but showed zero demand reduction. Lost revenues are calculated from actual facility data.

Table 9: Lost load from cogeneration project completed in late 2015 under the Save on Energy Process & Systems Upgrade Program

Lost load in 2016

Month	Actual lost revenue based on lost demand			
	Total demand a	Billed demand b	Net to Gross Ratio c	Net kW reduction (a-b)*c
Jan-16	2,761	2,461	100%	300
Feb-16	2,921	2,474	100%	447
Mar-16	2,919	2,378	100%	540
Apr-16	2,886	2,548	100%	339
May-16	3,182	2,729	100%	453
Jun-16	3,474	2,963	100%	511
Jul-16	3,653	3,569	100%	84
Aug-16	3,547	3,307	100%	240
Sep-16	3,547	2,652	100%	895
Oct-16	3,049	3,049	100%	-
Nov-16	3,043	2,407	100%	636
Dec-16	2,824	1,932	100%	892
Total				**5,336**
Monthly average				**445**

Lost load in 2017

Month	Actual lost revenue based on lost demand			
	Total demand a	Billed demand b	Net to Gross Ratio c	Net kW reduction (a-b)*c
Jan-17	2,936	2,365	100%	571
Feb-17	2,937	2,460	100%	477
Mar-17	2,898	2,414	100%	483
Apr-17	3,165	2,642	100%	523
May-17	3,355	1,937	100%	1,418
Jun-17	3,652	3,397	100%	255
Jul-17	3,560	2,873	100%	687
Aug-17	3,780	2,651	100%	1,129
Sep-17	3,667	3,038	100%	628
Oct-17	3,582	2,803	100%	779
Nov-17	2,891	2,466	100%	425
Dec-17	2893.260795	2378.4	100%	515
Total				**7,889**
Monthly average				**657**

Lost load in 2018

Month	Actual lost revenue based on lost demand			
	Total demand a	Billed demand b	Net to Gross Ratio c	Net kW reduction (a-b)*c
Jan-18	2,914	2,412	100%	502
Feb-18	2,801	2,320	100%	482
Mar-18	2,763	1,253	100%	1,510
Apr-18	3,873	2,377	100%	1,496
May-18	3,869	2,358	100%	1,511
Jun-18	4,836	3,234	100%	1,602
Jul-18	4,907	3,496	100%	1,411
Aug-18	4,581	2,982	100%	1,599
Sep-18	4,405	2,806	100%	1,599
Oct-18	4,043	2,429	100%	1,614
Nov-18	4,011	2,399	100%	1,612
Dec-18	3,914	2,467	100%	1,447
Total				**16,385**
Monthly average				**1,365**

Notes: Total demand is the maximum hourly demand in the month based on grid demand + generation
Billed demand is the peak hourly demand on the grid (and is as billed)
Net to Gross is from IESO
Net reduction is the difference between the two
Total demand accounts for parasitic uses by the cogeneration facility
Results are carried to row 73 on Tab 5