

Monday, September 24, 2018

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

Attention: Kirsten Walli, Board Secretary

Dear Ms. Walli:

**Re: North Bay Hydro Distribution Ltd. – Application for 2018 Electricity Distribution Rates  
EB-2018-0057**

North Bay Hydro Distribution Ltd. ("NBHDL") is pleased to submit to the Ontario Energy Board (the "Board") its 2019 electricity distribution rate application in accordance with the Board's *Filing Requirements for Electricity Distribution Rate Applications – 2018 Edition for 2019 Rate Applications* as issued July 12, 2018 under the 4<sup>th</sup> Generation Incentive Rate-setting plan under the Price Cap IR method.

In a letter dated July 12, 2018, the Board identified NBHDL as one of the distributors on the 2018 IRM schedule, grouped into Tranche 2, with a filing deadline of September 24, 2018. 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 2018 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](http://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 2019 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 2019 4<sup>th</sup> 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 12, 2018;
- 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*

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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, 2019. 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, 2019, 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 2019 rates are approved. In the event that the effective date does not coincide with the Board’s decided implementation date for 2019 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 three subsequent applications under the Board’s 4<sup>th</sup> Generation Incentive Rate-making Mechanism (IRM4), under the Price Cap IR method, with the most recently approved 2018 IRM application (EB-2017-0065) submitted October 16, 2018 with rates set May 1, 2018. A copy of NBHDL’s current Tariff of Rates and Charges, for rates effective and implemented May 1, 2018, is included as Appendix “A”. Accordingly, this is NBHDL’s fourth application under the Board’s 4<sup>th</sup> Generation Incentive Rate-making Mechanism (IRM4). NBHDL has prepared the application in accordance with the Board’s *Filing Requirements for Electricity Distribution Rate Applications – 2018 Edition for 2018 Rate Applications* (the “Filing Requirements”) as issued July 12, 2018 and has adhered to Filing Instructions provided in the Board’s 2019 IRM Rate Generator Model Version dated July 12, 2018 (20180712), which incorporates the Retail Transmission Service Rates (“RTSR”) model and the Tax Sharing model, referred to collectively as the “Model”. The completed 2019 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 0.9% 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 1.2%, reduced by the Productivity Factor of 0%, and reduced further by the Stretch Factor Value of 0.3% (Group III values);
- Adjust the fixed and variable rates for the Residential service classification in accordance with Section 3.2.3 of the Filing Requirements. The proposed change entails increasing the fixed service charge by \$3.26 per month including the annual adjustment under this IRM application, and decreasing the variable charge by \$.0037/kWh. This application includes the fourth of four annual adjustments in order to have residential customers on a fully fixed distribution rate by the year 2020;
- The continuation of the Low Voltage Service Rates as approved in the 2014 COS Application (EB-2014-0099);
- 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 2019 Price Cap IR Application, NBHDL has relied upon the following OEB issued documents and guidelines:

- Chapter 3 of the *Filing Requirements for Electricity Distribution Rate Applications – 2018 Edition for 2019 Rate Applications*, updated on July 12, 2018 (“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. 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 2017 RRR Filing 2.1.5.4 – Demand and Revenue

### **1) Annual Adjustment Mechanism**

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

The inflation factor to be used in determining the annual adjustment mechanism is set at 1.2% and the OEB has determined that the appropriate value for the productivity factor is zero. In letter issued Aug 23<sup>rd</sup>, 2018 by the OEB to all licensed distributors titled *Incentive Rate Setting: 2017 Benchmarking Update for Determination of 2018 Stretch Factor Rankings - Board File No.: EB-2010-0379*, NBHDL was identified as having their cohort unchanged. That is, NBHDL is ranked in the 3<sup>rd</sup> efficiency grouping which provides for an efficiency incentive of .3%. NBHDL has used this as a proxy for the calculation.

NBHDL has applied a 0.9% 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**

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

### **3) Rate Design for Residential Electricity Customers**

On April 2, 2015, the OEB released its *Board Policy: A New Distribution Rate Design for Residential Electricity Customers (EB-2014-0210)*, which stated that electricity distributors will transition to a fully fixed monthly distribution service charge for residential customers. This will be implemented over a period of four years, beginning in 2016. NBHDL is proposing changes to residential rates consistent with this policy and is proposing the fourth of four annual shifts in the fixed/variable split. The adjustment to fixed / variable cost ratios for Residential customers results in a change from 89.4% / 10.6% in 2018 to 100.0% / 0% in 2019 (fixed / variable), completing the 4-year transition to a fully fixed monthly distribution service charge.

The OEB has established two thresholds which could either extend the transition period to greater than four years or result in possible rate mitigation. The first threshold is that the increase in the monthly service charge should not exceed \$4 per month. NBHDL completed Tab "16. Rev2Cost\_GDPIPI" of the Model to determine the proposed residential fixed and variable rates using the Board's approach of the four-year transition to fully fixed rates. This change entails increasing the fixed charge by \$3.00 and decreasing the variable charge by \$.0037/kWh in the 2019 rate year. The annual price cap rate adjustment is then calculated for a total increase of \$3.26 to the fixed service charge and a decrease to the variable charge of \$.0037/kWh. The proposed increase in the fixed rate is below \$4.00 per month.

The second threshold is to determine the combined effects of the shift to fixed rates and other bill impacts to a residential customer in the 10th percentile of consumption. If the total bill impact for these customers is 10% or greater, a distributor must file a plan to mitigate the impact for the whole residential class or indicate why such a plan is not required. NBHDL extracted monthly consumption for the full year 2017 for each residential customer. Customers that did not have a full 12 months of consumption were excluded from the analysis. NBHDL calculated the average kWh/month and further excluded all customers with less than an average 50 kWh/month. NBHDL sorted the remaining data set of 18,280 records in ascending order based on average monthly consumption per customer. The 10<sup>th</sup> consumption percentile of this data set was determined to be the 1,828<sup>th</sup> record and the average consumption of this customer was 277 kWh/month; this became the "ceiling" for the lowest 10<sup>th</sup> percentile. The total bill impact for a residential customer with consumption of 277 kWh is an increase of \$2.43 or 4.14%. The proposed increase in the fixed rate is below a 10% total bill impact per month.

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

#### **4) Retail Transmission Service Rates**

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

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

NBHDL confirms that the rates entered in “10. RTSR Current Rates” of the Model are taken from the most recent Board-approved Tariff of Rates and Charges (EB-2017-0065). 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 2017 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 2017 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, 2017 audited balances with the April 30, 2018 RRR filing. The variance in cell “BV23” is a

result of reclassifying the costs for Capacity Based Recovery (“CBR”). The 2016 RRR filing included these costs in Account 1580, however, the costs have been segregated in the appropriate sub-accounts for Class A and Class B in the Model. NBHDL 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 2018 IRM (EB-2017-0065) the board approved disposition of Group 1 accounts, excluding Account 1589, in the amount of (\$408,101) to be refunded to all customers over a one-year period. The Board also approved the disposition of the balance in Account 1589 of (\$892,549) over a one-year period to be refunded from Non-RPP Class B customers.

For the 2017 period, the total claim balance in the Group 1 accounts ((Accounts 1550, 1551, 1580, 1584, 1586, 1588, and 1589) is (\$59,514) which leads to a threshold value test of (\$0.0001/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 (\$504,935), Power (1588) of \$146,433 and Global Adjustment (1589) of \$284,993. NBHDL notes that the total balance includes the sub-account CBR Class B amount included on the continuity schedule of (\$12,895). Section 3.2.5 of the 2019 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**

<b>Group 1 Accounts:</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
1550 - Low Voltage	\$ 20,689	\$ 880	\$ 21,570
1551 - SME	\$ (778)	\$ (26)	\$ (804)
1580 - WMS	\$ (485,376)	\$ (19,559)	\$ (504,935)
1580 - WMS Sub-Account CBR Class B	\$ (13,368)	\$ 473	\$ (12,895)
1584 - Network	\$ (45,081)	\$ (1,999)	\$ (47,080)
1586 - Connection	\$ 51,600	\$ 1,603	\$ 53,202
1588 - Power	\$ 141,874	\$ 4,559	\$ 146,433
1589 - GA	\$ 272,019	\$ 12,975	\$ 284,993
<b>Group 1 Totals</b>	<b>\$ (58,421)</b>	<b>\$ (1,094)</b>	<b>\$ (59,514)</b>

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 B and C of the GS 50 to 2,999 kW and GS 3,000 to 4,999 kW classes is the expiration of the 2018 DVA rate riders however, total bill impacts for the class are minimal. The same drivers are responsible for the impacts of the Non-RPP residential and GS<50kW classes; overall bill impacts are minor.

**TABLE 3 – PROPOSED BILL IMPACTS**

Rate Classes	Categories	Units	Sub-Total						Total	
			A		B		C		A+B+C	
			\$	%	\$	%	\$	%	\$	%
Residential	RPP	kWh	\$ 0.49	1.7%	\$ 1.16	3.7%	\$ 0.69	1.7%	\$ 0.72	0.6%
GS<50 kW	RPP	kWh	\$ 0.62	1.0%	\$ 2.42	3.5%	\$ 1.16	1.2%	\$ 1.22	0.4%
GS 50 TO 2,999 kW	Non-RPP (Other)	kW	\$ 13.22	0.9%	\$ 963.81	180.8%	\$ 857.21	30.7%	\$ 968.65	3.3%
GS 3,000 to 4,999 kW	Non-RPP (Other)	kW	\$ 94.53	0.9%	\$ 1,309.26	13.9%	\$ 478.65	1.8%	\$ 540.87	0.2%
UMSL	RPP	kWh	\$ 0.06	0.9%	\$ 0.20	2.6%	\$ 0.11	1.1%	\$ 0.12	0.5%
Sentinel Lighting	RPP	kW	\$ 0.20	0.9%	\$ 0.52	2.3%	\$ 0.34	1.3%	\$ 0.38	0.9%
Street Lighting	Non-RPP (Other)	kW	\$ 328.59	0.8%	\$ 1,162.49	3.0%	\$ 1,078.83	2.7%	\$ 1,219.08	1.8%
Residential	RPP	kWh	\$ 2.24	8.5%	\$ 2.48	8.9%	\$ 2.31	7.3%	\$ 2.43	4.1%
Residential	Non-RPP (Retailer)	kWh	\$ 0.49	1.7%	\$ 4.31	15.0%	\$ 3.84	9.7%	\$ 4.34	3.1%
Residential	Non-RPP (Retailer)	kWh	\$ 2.24	8.5%	\$ 3.65	13.5%	\$ 3.47	11.2%	\$ 3.93	5.6%
GS<50 kW	Non-RPP (Retailer)	kWh	\$ 0.62	1.0%	\$ 10.82	17.3%	\$ 9.56	10.8%	\$ 10.81	3.0%

NBHDL will defer disposition of sub-account 1595 (2017) 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) and (2016) as the amounts are immaterial (net of \$70,465).

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. At that time, with the expansion of the Industrial Conservation Initiative program, NBHDL transitioned 3 new customers to Class A. As no disposition is being sought for 2019 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 and 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 2017 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 2017 fiscal period, NBHDL incorporated the January 2018 settlement reconciliation (completed Feb 2018) into the standard year-end process. These reconciliations of 2017 billing data were then reflected in the 2017 audited balances through standard accrual accounting. The 2017 true-up reflected in the 2017 balances for accounts 1588 and 1589 were \$27,691 and \$422,399 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) 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. At that time, with the expansion of the Industrial Conservation Initiative program, NBHDL transitioned 3 new customers to Class

A. 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 has recorded lost revenues resulting from CDM programs in 2015, 2016 and 2017, however, at this time NBHDL is not seeking recovery of these amounts from customers. NBHDL respectfully reserves the right to file for disposition at a future date.

#### **7) Tax Changes**

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

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

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

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

#### **9) Treatment of Costs for 'eligible investments'**

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

#### **10) Conservation and Demand Management Costs for Distributors**

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

#### **11) Off-Ramps**

NBHDL reported its Return on Equity (ROE) for 2017 as 8.56% and this figure will be included on NBHDL's 2017 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 2018 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; NBHDL has made the change to reflect the approved 5-digit rate directly in the model, in Tab "2" and Tab "19".

### **13) Bill Impacts**

NBHD'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 NBHD's proposal. The table below summarizes the monthly bill impacts by customer class.

**TABLE 4 – BILL IMPACT SUMMARY**

Class	Average Monthly Volume		RPP / Non-RPP	Total Current Bill	Total Proposed Bill	Total Bill Impact (\$)	Total Bill Impact (%)
	kWh	kW					
Residential	750	-	RPP	\$ 111.79	\$ 112.51	\$ 0.72	0.65%
Residential - 10 <sup>th</sup> Percentile	277	-	RPP	\$ 58.62	\$ 61.05	\$ 2.43	4.14%
GS<50 kW	2,000	-	RPP	\$ 280.46	\$ 281.68	\$ 1.22	0.44%
GS 50 TO 2,999 kW	-	455	Non-RPP	\$ 29,054.03	\$ 30,022.68	\$ 968.65	3.33%
GS 3,000 TO 4,999 kW	-	3,300	Non-RPP	\$ 230,949.12	\$ 231,489.99	\$ 540.87	0.23%
UMSL	150	-	RPP	\$ 25.80	\$ 25.92	\$ 0.12	0.46%
Sentinel Lighting	-	1	RPP	\$ 44.65	\$ 45.03	\$ 0.38	0.85%
Street Lighting	-	470	Non-RPP	\$ 69,037.38	\$ 70,256.46	\$ 1,219.08	1.77%

### **14) Conclusion**

In summary, total bill impacts are well below the rate mitigation threshold and NBHD 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-2017-0065**

**DATED: March 22, 2018**

# North Bay Hydro Distribution Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0065

### 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.36
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0037
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
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	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018

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

EB-2017-0065

### 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.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0187
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018

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EB-2017-0065

### 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.

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 Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	306.79
Distribution Volumetric Rate	\$/kW	2.5611
Low Voltage Service Rate	\$/kW	0.02550
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3169)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5794
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3860

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018

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

EB-2017-0065

### 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.

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 Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,543.09
Distribution Volumetric Rate	\$/kW	1.2027
Low Voltage Service Rate	\$/kW	0.02820
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3681)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7361
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6368

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018

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EB-2017-0065

### 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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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.38
Distribution Volumetric Rate	\$/kWh	0.0124
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018

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EB-2017-0065

### 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)	\$	4.95
Distribution Volumetric Rate	\$/kW	17.2834
Low Voltage Service Rate	\$/kW	0.02010
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3207)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9550
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018

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EB-2017-0065

### 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)	\$	4.92
Distribution Volumetric Rate	\$/kW	26.3840
Low Voltage Service Rate	\$/kW	0.01970
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.2998)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9454
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8443

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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, 2018**

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

**EB-2017-0065**

### **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**

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

Service Charge	\$	5.40
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# North Bay Hydro Distribution Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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EB-2017-0065

### 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

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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

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

#### Other

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

# North Bay Hydro Distribution Limited

## TARIFF OF RATES AND CHARGES

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EB-2017-0065

### RETAIL SERVICE CHARGES (if applicable)

#### APPLICATION

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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	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

### LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366



**APPENDIX “B”**

**PROPOSED TARIFF OF RATES AND CHARGES**

# North Bay Hydro Distribution Limited

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 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

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.62
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	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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.

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

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.51
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	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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.

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 Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	309.55
Distribution Volumetric Rate	\$/kW	2.5841
Low Voltage Service Rate	\$/kW	0.0255
Retail Transmission Rate - Network Service Rate	\$/kW	2.4173
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3138

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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.

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 Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,601.98
Distribution Volumetric Rate	\$/kW	1.2135
Low Voltage Service Rate	\$/kW	0.0282
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.5642
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.5570

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.43
Distribution Volumetric Rate	\$/kWh	0.0125
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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

### 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 Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.99
Distribution Volumetric Rate	\$/kW	17.4390
Low Voltage Service Rate	\$/kW	0.0201
Retail Transmission Rate - Network Service Rate	\$/kW	1.8322
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8259

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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.

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.96
Distribution Volumetric Rate	\$/kW	26.6215
Low Voltage Service Rate	\$/kW	0.0197
Retail Transmission Rate - Network Service Rate	\$/kW	1.8232
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7885

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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
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### 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 Debt Retirement Charge, the Global Adjustment and the HST.

#### Customer Administration

Returned Cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late Payment - per month	%	1.50
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# 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

Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

### Other

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

(with the exception of wireless attachments)

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

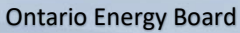
## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

## **APPENDIX “C”**

### **PROPOSED BILL IMPACTS**



 Ontario Energy Board

# Incentive Regulation Model for 2019 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 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, 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

[illegible]

Table 2

[illegible]

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	\$ 25.36	1	\$ 25.36	\$ 28.62	1	\$ 28.62	\$ 3.26	12.85%
Distribution Volumetric Rate	\$ 0.0037	750	\$ 2.78	\$ -	750	\$ -	\$ (2.78)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 28.14</b>			<b>\$ 28.62</b>	<b>\$ 0.49</b>	<b>1.72%</b>
Line Losses on Cost of Power	\$ 0.0820	35	\$ 2.90	\$ 0.0820	35	\$ 2.90	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0009	750	\$ (0.68)	\$ -	750	\$ -	\$ 0.68	-100.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	750	\$ 0.05	\$ 0.00007	750	\$ 0.05	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 30.98</b>			<b>\$ 32.14</b>	<b>\$ 1.16</b>	<b>3.74%</b>
RTSR - Network	\$ 0.0068	785	\$ 5.34	\$ 0.0064	785	\$ 5.03	\$ (0.31)	-5.88%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0068	785	\$ 5.34	\$ 0.0066	785	\$ 5.18	\$ (0.16)	-2.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 41.66</b>			<b>\$ 42.35</b>	<b>\$ 0.69</b>	<b>1.65%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	785	\$ 0.24	\$ 0.0003	785	\$ 0.24	\$ -	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	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 106.46</b>			<b>\$ 107.15</b>	<b>\$ 0.69</b>	<b>0.65%</b>
HST	13%		\$ 13.84	13%		\$ 13.93	\$ 0.09	0.65%
8% Rebate	8%		\$ (8.52)	8%		\$ (8.57)	\$ (0.06)	
<b>Total Bill on TOU</b>			<b>\$ 111.79</b>			<b>\$ 112.51</b>	<b>\$ 0.72</b>	<b>0.65%</b>

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	\$ 24.29	1	\$ 24.29	\$ 24.51	1	\$ 24.51	\$ 0.22	0.91%
Distribution Volumetric Rate	\$ 0.0187	2000	\$ 37.40	\$ 0.0189	2000	\$ 37.80	\$ 0.40	1.07%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 61.69</b>			<b>\$ 62.31</b>	<b>\$ 0.62</b>	<b>1.01%</b>
Line Losses on Cost of Power	\$ 0.0820	94	\$ 7.72	\$ 0.0820	94	\$ 7.72	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0009	2,000	\$ (1.80)	\$ -	2,000	\$ -	\$ 1.80	-100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	2,000	\$ 0.14	\$ 0.00007	2,000	\$ 0.14	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 68.32</b>			<b>\$ 70.74</b>	<b>\$ 2.42</b>	<b>3.54%</b>
RTSR - Network	\$ 0.0065	2,094	\$ 13.61	\$ 0.0061	2,094	\$ 12.77	\$ (0.84)	-6.15%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	2,094	\$ 12.77	\$ 0.0059	2,094	\$ 12.36	\$ (0.42)	-3.28%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 94.71</b>			<b>\$ 95.87</b>	<b>\$ 1.16</b>	<b>1.23%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,094	\$ 7.54	\$ 0.0036	2,094	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,094	\$ 0.63	\$ 0.0003	2,094	\$ 0.63	\$ -	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	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 267.11</b>			<b>\$ 268.27</b>	<b>\$ 1.16</b>	<b>0.44%</b>
HST	13%		\$ 34.72	13%		\$ 34.88	\$ 0.15	0.44%
8% Rebate	8%		\$ (21.37)	8%		\$ (21.46)	\$ (0.09)	
<b>Total Bill on TOU</b>			<b>\$ 280.46</b>			<b>\$ 281.68</b>	<b>\$ 1.22</b>	<b>0.44%</b>

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	\$ 306.79	1	\$ 306.79	\$ 309.55	1	\$ 309.55	\$ 2.76	0.90%
Distribution Volumetric Rate	\$ 2.5611	455	\$ 1,165.30	\$ 2.5841	455	\$ 1,175.77	\$ 10.46	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	455	\$ -	\$ -	455	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 1,472.09</b>			<b>\$ 1,485.32</b>	<b>\$ 13.22</b>	<b>0.90%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3169	455	\$ (144.19)	\$ -	455	\$ -	\$ 144.19	-100.00%
CBR Class B Rate Riders	\$ -	455	\$ -	\$ -	455	\$ -	\$ -	
GA Rate Riders	\$ 0.0042	192,000	\$ (806.40)	\$ -	192,000	\$ -	\$ 806.40	-100.00%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 533.10</b>			<b>\$ 1,496.92</b>	<b>\$ 963.81</b>	<b>180.79%</b>
RTSR - Network	\$ 2.5794	455	\$ 1,173.63	\$ 2.4173	455	\$ 1,099.87	\$ (73.76)	-6.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.3860	455	\$ 1,085.63	\$ 2.3138	455	\$ 1,052.78	\$ (32.85)	-3.03%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 2,792.36</b>			<b>\$ 3,649.57</b>	<b>\$ 857.21</b>	<b>30.70%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	201,043	\$ 723.76	\$ 0.0036	201,043	\$ 723.76	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	201,043	\$ 60.31	\$ 0.0003	201,043	\$ 60.31	\$ -	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%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 25,711.54</b>			<b>\$ 26,568.74</b>	<b>\$ 857.21</b>	<b>3.33%</b>
HST	13%		\$ 3,342.50	13%		\$ 3,453.94	\$ 111.44	3.33%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 29,054.03</b>			<b>\$ 30,022.68</b>	<b>\$ 968.65</b>	<b>3.33%</b>



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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6,543.09	1	\$ 6,543.09	\$ 6,601.98	1	\$ 6,601.98	\$ 58.89	0.90%
Distribution Volumetric Rate	\$ 1.2027	3300	\$ 3,968.91	\$ 1.2135	3300	\$ 4,004.55	\$ 35.64	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	3300	\$ -	\$ -	3300	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 10,512.00</b>			<b>\$ 10,606.53</b>	<b>\$ 94.53</b>	<b>0.90%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.3681	3,300	\$ (1,214.73)	\$ -	3,300	\$ -	\$ 1,214.73	-100.00%
CBR Class B Rate Riders	\$ -	3,300	\$ -	\$ -	3,300	\$ -	\$ -	
GA Rate Riders	\$ -	1,500,000	\$ -	\$ -	1,500,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0282	3,300	\$ 93.06	\$ 0.0282	3,300	\$ 93.06	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		3,300	\$ -	\$ -	3,300	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 9,390.33</b>			<b>\$ 10,699.59</b>	<b>\$ 1,309.26</b>	<b>13.94%</b>
RTSR - Network	\$ 2.7361	3,300	\$ 9,029.13	\$ 2.5642	3,300	\$ 8,461.86	\$ (567.27)	-6.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.6368	3,300	\$ 8,701.44	\$ 2.5570	3,300	\$ 8,438.10	\$ (263.34)	-3.03%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 27,120.90</b>			<b>\$ 27,599.55</b>	<b>\$ 478.65</b>	<b>1.76%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	1,554,900	\$ 5,597.64	\$ 0.0036	1,554,900	\$ 5,597.64	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	1,554,900	\$ 466.47	\$ 0.0003	1,554,900	\$ 466.47	\$ -	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	1,554,900	\$ 171,194.49	\$ 0.1101	1,554,900	\$ 171,194.49	\$ -	0.00%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 204,379.75</b>			<b>\$ 204,858.40</b>	<b>\$ 478.65</b>	<b>0.23%</b>
HST	13%		\$ 26,569.37	13%		\$ 26,631.59	\$ 62.22	0.23%
<b>Total Bill on Average IESO Wholesale Market Price</b>			<b>\$ 230,949.12</b>			<b>\$ 231,489.99</b>	<b>\$ 540.87</b>	<b>0.23%</b>

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	\$ 5.38	1	\$ 5.38	\$ 5.43	1	\$ 5.43	\$ 0.05	0.93%
Distribution Volumetric Rate	\$ 0.0124	150	\$ 1.86	\$ 0.0125	150	\$ 1.88	\$ 0.02	0.81%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 7.24</b>			<b>\$ 7.31</b>	<b>\$ 0.06</b>	<b>0.90%</b>
Line Losses on Cost of Power	\$ 0.0820	7	\$ 0.58	\$ 0.0820	7	\$ 0.58	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0009	150	\$ (0.14)	\$ -	150	\$ -	\$ 0.14	-100.00%
CBR Class B Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
GA Rate Riders	\$ -	150	\$ -	\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	150	\$ 0.01	\$ 0.00007	150	\$ 0.01	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		150	\$ -	\$ -	150	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 7.69</b>			<b>\$ 7.89</b>	<b>\$ 0.20</b>	<b>2.60%</b>
RTSR - Network	\$ 0.0065	157	\$ 1.02	\$ 0.0061	157	\$ 0.96	\$ (0.06)	-6.15%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	157	\$ 0.96	\$ 0.0059	157	\$ 0.93	\$ (0.03)	-3.28%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 9.67</b>			<b>\$ 9.78</b>	<b>\$ 0.11</b>	<b>1.09%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	157	\$ 0.05	\$ 0.0003	157	\$ 0.05	\$ -	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	\$ 0.1320	27	\$ 3.56	\$ 0.1320	27	\$ 3.56	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 22.83</b>			<b>\$ 22.94</b>	<b>\$ 0.11</b>	<b>0.46%</b>
HST		13%	\$ 2.97	13%		\$ 2.98	\$ 0.01	0.46%
<b>Total Bill on TOU</b>			<b>\$ 25.80</b>			<b>\$ 25.92</b>	<b>\$ 0.12</b>	<b>0.46%</b>

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

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 4.95	1	\$ 4.95	\$ 4.99	1	\$ 4.99	\$ 0.04	0.81%
Distribution Volumetric Rate	\$ 17.2834	1	\$ 17.28	\$ 17.4390	1	\$ 17.44	\$ 0.16	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 22.23			\$ 22.43	\$ 0.20	0.88%
Line Losses on Cost of Power	\$ 0.0820	7	\$ 0.58	\$ 0.0820	7	\$ 0.58	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.3207	1	\$ (0.32)	\$ -	1	\$ -	\$ 0.32	-100.00%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 22.51			\$ 23.03	\$ 0.52	2.29%
RTSR - Network	\$ 1.9550	1	\$ 1.96	\$ 1.8322	1	\$ 1.83	\$ (0.12)	-6.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8829	1	\$ 1.88	\$ 1.8259	1	\$ 1.83	\$ (0.06)	-3.03%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 26.35			\$ 26.69	\$ 0.34	1.28%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	157	\$ 0.57	\$ 0.0036	157	\$ 0.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	157	\$ 0.05	\$ 0.0003	157	\$ 0.05	\$ -	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	\$ 0.1320	27	\$ 3.56	\$ 0.1320	27	\$ 3.56	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 39.51			\$ 39.85	\$ 0.34	0.85%
HST		13%	\$ 5.14	13%		\$ 5.18	\$ 0.04	0.85%
<b>Total Bill on TOU</b>			\$ 44.65			\$ 45.03	\$ 0.38	0.85%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
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	\$ 4.92	5424	\$ 26,686.08	\$ 4.96	5424	\$ 26,903.04	\$ 216.96	0.81%
Distribution Volumetric Rate	\$ 26.3840	470	\$ 12,400.48	\$ 26.6215	470	\$ 12,512.11	\$ 111.63	0.90%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	470	\$ -	\$ -	470	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 39,086.56</b>			<b>\$ 39,415.15</b>	<b>\$ 328.59</b>	<b>0.84%</b>
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	
Total Deferral/Variance Account Rate Riders	\$ 0.2998	470	\$ (140.91)	\$ -	470	\$ -	\$ 140.91	-100.00%
CBR Class B Rate Riders	\$ -	470	\$ -	\$ -	470	\$ -	\$ -	
GA Rate Riders	\$ 0.0042	165,000	\$ (693.00)	\$ -	165,000	\$ -	\$ 693.00	-100.00%
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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 38,261.91</b>			<b>\$ 39,424.40</b>	<b>\$ 1,162.49</b>	<b>3.04%</b>
RTSR - Network	\$ 1.9454	470	\$ 914.34	\$ 1.8232	470	\$ 856.90	\$ (57.43)	-6.28%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.8443	470	\$ 866.82	\$ 1.7885	470	\$ 840.60	\$ (26.23)	-3.03%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 40,043.07</b>			<b>\$ 41,121.90</b>	<b>\$ 1,078.83</b>	<b>2.69%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	172,772	\$ 621.98	\$ 0.0036	172,772	\$ 621.98	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	172,772	\$ 51.83	\$ 0.0003	172,772	\$ 51.83	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	5424	\$ 1,356.00	\$ 0.25	5424	\$ 1,356.00	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1101	172,772	\$ 19,022.14	\$ 0.1101	172,772	\$ 19,022.14	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 61,095.02</b>			<b>\$ 62,173.85</b>	<b>\$ 1,078.83</b>	<b>1.77%</b>
HST	13%		\$ 7,942.35	13%		\$ 8,082.60	\$ 140.25	1.77%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 69,037.38</b>			<b>\$ 70,256.46</b>	<b>\$ 1,219.08</b>	<b>1.77%</b>

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	\$ 25.36	1	\$ 25.36	\$ 28.62	1	\$ 28.62	\$ 3.26	12.85%
Distribution Volumetric Rate	\$ 0.0037	277	\$ 1.02	\$ -	277	\$ -	\$ (1.02)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	277	\$ -	\$ -	277	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26.38</b>			<b>\$ 28.62</b>	<b>\$ 2.24</b>	<b>8.47%</b>
Line Losses on Cost of Power	\$ 0.0820	13	\$ 1.07	\$ 0.0820	13	\$ 1.07	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0009	277	\$ (0.25)	\$ -	277	\$ -	\$ 0.25	-100.00%
CBR Class B Rate Riders	\$ -	277	\$ -	\$ -	277	\$ -	\$ -	
GA Rate Riders	\$ -	277	\$ -	\$ -	277	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	277	\$ 0.02	\$ 0.00007	277	\$ 0.02	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 27.79</b>			<b>\$ 30.28</b>	<b>\$ 2.48</b>	<b>8.94%</b>
RTSR - Network	\$ 0.0068	290	\$ 1.97	\$ 0.0064	290	\$ 1.86	\$ (0.12)	-5.88%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0068	290	\$ 1.97	\$ 0.0066	290	\$ 1.91	\$ (0.06)	-2.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 31.74</b>			<b>\$ 34.05</b>	<b>\$ 2.31</b>	<b>7.28%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	290	\$ 1.04	\$ 0.0036	290	\$ 1.04	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	290	\$ 0.09	\$ 0.0003	290	\$ 0.09	\$ -	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	\$ 0.1320	50	\$ 6.58	\$ 0.1320	50	\$ 6.58	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 55.83</b>			<b>\$ 58.14</b>	<b>\$ 2.31</b>	<b>4.14%</b>
HST	13%		\$ 7.26	13%		\$ 7.56	\$ 0.30	4.14%
8% Rebate	8%		\$ (4.47)	8%		\$ (4.65)	\$ (0.18)	
<b>Total Bill on TOU</b>			<b>\$ 58.62</b>			<b>\$ 61.05</b>	<b>\$ 2.43</b>	<b>4.14%</b>

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	\$ 25.36	1	\$ 25.36	\$ 28.62	1	\$ 28.62	\$ 3.26	12.85%
Distribution Volumetric Rate	\$ 0.0037	750	\$ 2.78	\$ -	750	\$ -	\$ (2.78)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 28.14</b>			<b>\$ 28.62</b>	<b>\$ 0.49</b>	<b>1.72%</b>
Line Losses on Cost of Power	\$ 0.1101	35	\$ 3.89	\$ 0.1101	35	\$ 3.89	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0009	750	\$ (0.68)	\$ -	750	\$ -	\$ 0.68	-100.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	-\$ 0.0042	750	\$ (3.15)	\$ -	750	\$ -	\$ 3.15	-100.00%
Low Voltage Service Charge	\$ 0.00007	750	\$ 0.05	\$ 0.00007	750	\$ 0.05	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 28.82</b>			<b>\$ 33.13</b>	<b>\$ 4.31</b>	<b>14.95%</b>
RTSR - Network	\$ 0.0068	785	\$ 5.34	\$ 0.0064	785	\$ 5.03	\$ (0.31)	-5.88%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0068	785	\$ 5.34	\$ 0.0066	785	\$ 5.18	\$ (0.16)	-2.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 39.50</b>			<b>\$ 43.34</b>	<b>\$ 3.84</b>	<b>9.72%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	785	\$ 0.24	\$ 0.0003	785	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 125.14</b>			<b>\$ 128.98</b>	<b>\$ 3.84</b>	<b>3.07%</b>
HST	13%		\$ 16.27	13%		\$ 16.77	\$ 0.50	3.07%
8% Rebate	8%			8%				
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 141.41</b>			<b>\$ 145.75</b>	<b>\$ 4.34</b>	<b>3.07%</b>

Customer Class:	<b>RESIDENTIAL SERVICE CLASSIFICATION</b>	
RPP / Non-RPP:	<b>Non-RPP (Retailer)</b>	
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	\$ 25.36	1	\$ 25.36	\$ 28.62	1	\$ 28.62	\$ 3.26	12.85%
Distribution Volumetric Rate	\$ 0.0037	277	\$ 1.02	\$ -	277	\$ -	\$ (1.02)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	277	\$ -	\$ -	277	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 26.38</b>			<b>\$ 28.62</b>	<b>\$ 2.24</b>	<b>8.47%</b>
Line Losses on Cost of Power	\$ 0.1101	13	\$ 1.44	\$ 0.1101	13	\$ 1.44	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0009	277	\$ (0.25)	\$ -	277	\$ -	\$ 0.25	-100.00%
CBR Class B Rate Riders	\$ -	277	\$ -	\$ -	277	\$ -	\$ -	
GA Rate Riders	\$ 0.0042	277	\$ (1.16)	\$ -	277	\$ -	\$ 1.16	-100.00%
Low Voltage Service Charge	\$ 0.00007	277	\$ 0.02	\$ 0.00007	277	\$ 0.02	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 27.00</b>			<b>\$ 30.65</b>	<b>\$ 3.65</b>	<b>13.51%</b>
RTSR - Network	\$ 0.0068	290	\$ 1.97	\$ 0.0064	290	\$ 1.86	\$ (0.12)	-5.88%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0068	290	\$ 1.97	\$ 0.0066	290	\$ 1.91	\$ (0.06)	-2.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 30.94</b>			<b>\$ 34.42</b>	<b>\$ 3.47</b>	<b>11.23%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	290	\$ 1.04	\$ 0.0036	290	\$ 1.04	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	290	\$ 0.09	\$ 0.0003	290	\$ 0.09	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	277	\$ 30.50	\$ 0.1101	277	\$ 30.50	\$ -	0.00%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 62.57</b>			<b>\$ 66.05</b>	<b>\$ 3.47</b>	<b>5.55%</b>
HST	13%		\$ 8.13	13%		\$ 8.59	\$ 0.45	5.55%
8% Rebate	8%			8%				
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 70.71</b>			<b>\$ 74.63</b>	<b>\$ 3.93</b>	<b>5.55%</b>

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	\$ 24.29	1	\$ 24.29	\$ 24.51	1	\$ 24.51	\$ 0.22	0.91%
Distribution Volumetric Rate	\$ 0.0187	2000	\$ 37.40	\$ 0.0189	2000	\$ 37.80	\$ 0.40	1.07%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	2000	\$ -	\$ -	2000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 61.69</b>			<b>\$ 62.31</b>	<b>\$ 0.62</b>	<b>1.01%</b>
Line Losses on Cost of Power	\$ 0.1101	94	\$ 10.37	\$ 0.1101	94	\$ 10.37	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0009	2,000	\$ (1.80)	\$ -	2,000	\$ -	\$ 1.80	-100.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	
GA Rate Riders	\$ 0.0042	2,000	\$ (8.40)	\$ -	2,000	\$ -	\$ 8.40	-100.00%
Low Voltage Service Charge	\$ 0.00007	2,000	\$ 0.14	\$ 0.00007	2,000	\$ 0.14	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 62.57</b>			<b>\$ 73.39</b>	<b>\$ 10.82</b>	<b>17.29%</b>
RTSR - Network	\$ 0.0065	2,094	\$ 13.61	\$ 0.0061	2,094	\$ 12.77	\$ (0.84)	-6.15%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0061	2,094	\$ 12.77	\$ 0.0059	2,094	\$ 12.36	\$ (0.42)	-3.28%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 88.96</b>			<b>\$ 98.52</b>	<b>\$ 9.56</b>	<b>10.75%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,094	\$ 7.54	\$ 0.0036	2,094	\$ 7.54	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,094	\$ 0.63	\$ 0.0003	2,094	\$ 0.63	\$ -	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%
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 317.33</b>			<b>\$ 326.89</b>	<b>\$ 9.56</b>	<b>3.01%</b>
HST	13%		\$ 41.25	13%		\$ 42.50	\$ 1.24	3.01%
8% Rebate	8%			8%				
<b>Total Bill on Non-RPP Avg. Price</b>			<b>\$ 358.58</b>			<b>\$ 369.38</b>	<b>\$ 10.81</b>	<b>3.01%</b>



## **APPENDIX “D”**

### **2018 IRM RATE GENERATOR MODEL**



# Incentive Regulation Model for 2019 Filers

Version

2.0

Utility Name North Bay Hydro Distribution Limited

Assigned EB Number EB-2018-0057

Name of Contact and Title Micheal Roth, Regulatory Manager

Phone Number 705-474-8100, ext 263

Email Address regulatoryaffairs@northbayhydro.com

We are applying for rates effective May 1, 2019

Rate-Setting Method Price Cap IR

Please indicate in which Rate Year the  
Group 1 accounts were last cleared<sup>1</sup> 2018

Please indicate the last Cost of Service  
Re-Basing Year 2015

## 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.

☐ Pale grey cell represent auto-populated RRR data

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

Note:

1. Rate year of application

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

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



# Incentive Regulation Model for 2019 Filers

## North Bay Hydro Distribution Limited

### TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2018

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

EB-2017-0065

## 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 Debt Retirement Charge, the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	25.36
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0037
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
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	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2019 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.29
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0187
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2019 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.

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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	306.79
Distribution Volumetric Rate	\$/kW	2.5611
Low Voltage Service Rate	\$/kW	0.0255
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3169)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5794
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3860

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2019 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.

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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,543.09
Distribution Volumetric Rate	\$/kW	1.2027
Low Voltage Service Rate	\$/kW	0.0282
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3681)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7361
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6368

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2019 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 Debt Retirement Charge, the Global Adjustment and the HST.

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	5.38
Distribution Volumetric Rate	\$/kWh	0.0124
Low Voltage Service Rate	\$/kWh	0.00007
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0009)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061

## MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2019 Filers

## 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.95
Distribution Volumetric Rate	\$/kW	17.2834
Low Voltage Service Rate	\$/kW	0.0201
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019		
Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.3207)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9550
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25





# Incentive Regulation Model for 2019 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.

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.92
Distribution Volumetric Rate	\$/kW	26.3840
Low Voltage Service Rate	\$/kW	0.0197
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	(0.0042)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.2998)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9454
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8443

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Incentive Regulation Model for 2019 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.

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
----------------	----	------

## 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 Debt Retirement Charge, the Global Adjustment and the HST.

### Customer Administration

Returned Cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	165.00

### Other

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

(with the exception of wireless attachments)

## RETAIL SERVICE CHARGES (if applicable)



# Incentive Regulation Model for 2019 Filers

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

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

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

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$	1.37
Distributor-consolidated billing monthly charge, per customer, per retailer	\$	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail		
Settlement Code directly to retailers and customers, if not delivered electronically through the		
Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

## LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0471
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0366

## Incentive Regulation Model for 2019 Filers

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

For all Group 1 Accounts, except for Account 1595, start inputting data from the year in which the GL balance was last disposed. For example, if in the 2018 rate application, DVA balances as at December 31, 2016 were approved for disposition, start the continuity schedule from 2016 by entering the 2015 closing balance in the Adjustment column under 2015. For all Account 1595 sub-accounts, complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2017 regardless of whether the account is being requested for disposition in the current application. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year). For example, for Account 1595 (2015), data should be inputted starting in 2015 when the relevant balances approved for disposition was first transferred into Account 1595 (2015).

Please refer to the footnotes for further instructions.

		2012									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions Debit/ (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments <sup>1</sup> during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments <sup>1</sup> during 2012	Closing Interest Amounts as of Dec 31, 2012
<b>Group 1 Accounts</b>											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class A <sup>5</sup>	1580					0					0
Variance WMS – Sub-account CBR Class B <sup>5</sup>	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					0
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power <sup>4</sup>	1588					0					0
RSVA - Global Adjustment <sup>4</sup>	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2016) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2017) <sup>3</sup>	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2018) <sup>3</sup>											
<i>Not to be disposed of until a year after rate rider has expired and that balance has been audited</i>	1595					0					0
<b>RSVA - Global Adjustment</b>	<b>1589</b>	0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance excluding Account 1589 - Global Adjustment</b>		0	0	0	0	0	0	0	0	0	0
<b>Total Group 1 Balance</b>		0	0	0	0	0	0	0	0	0	0
<b>LRAM Variance Account (only input amounts if applying for disposition of this account)</b>	<b>1568</b>										
<b>Total including Account 1568</b>		0	0	0	0	0	0	0	0	0	0

[illegible]

## 2014

Opening Principal Amounts as of Jan 1, 2014	Transactions Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2014	Closing Interest Amounts as of Dec 31, 2014
0			27,734	27,734	0			413	413
0			17,965	17,965	0			447	447
0			(361,831)	(361,831)	0			(4,981)	(4,981)
0			0	0	0			0	0
0			0	0	0			0	0
0			221,345	221,345	0			4,062	4,062
0			250,145	250,145	0			3,790	3,790
0			86,021	86,021	0			3,915	3,915
0			1,346,226	1,346,226	0			6,299	6,299
0				0	0				0
0				0	0				0
0	511,785	791,318		(279,533)	0	(5,611)	15,966		(21,577)
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0				0	0				0
0	0	0	1,346,226	1,346,226	0	0	0	6,299	6,299
0	511,785	791,318	241,379	(38,154)	0	(5,611)	15,966	7,646	(13,931)
0	511,785	791,318	1,587,605	1,308,072	0	(5,611)	15,966	13,945	(7,632)
0				0	0				0
0	511,785	791,318	1,587,605	1,308,072	0	(5,611)	15,966	13,945	(7,632)

## 2015

Opening Principal Amounts as of Jan 1, 2015	Transactions Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2015	Closing Interest Amounts as of Dec 31, 2015
27,734	28,636	13,555		42,814	413	385	377		421
17,965	(235)	18,051		(321)	447	112	536		23
(361,831)	(1,058,971)	(375,712)		(1,045,089)	(4,981)	(6,136)	(11,164)		47
0	2,948			2,948	0	8			8
0	129,202			129,202	0	412			412
221,345	(110,874)	186,943		(76,472)	4,062	1,153	4,760		456
250,145	16,256	159,530		106,872	3,790	2,107	3,938		1,959
86,021	(195,857)	258,169		(368,004)	3,915	756	5,762		(1,092)
1,346,226	521,484	408,792		1,458,918	6,299	8,670	10,924		4,045
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
1,346,226	521,484	408,792	0	1,458,918	6,299	8,670	10,924	0	4,045
(38,154)	(1,218,340)	(350,132)	0	(906,362)	(13,931)	582	(69,836)	0	56,488
1,308,072	(696,856)	58,660	0	552,555	(7,632)	9,252	(58,912)	0	60,533
0				0	0				0
1,308,072	(696,856)	58,660	0	552,555	(7,632)	9,252	(58,912)	0	60,533

## 2016

Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2016	Closing Interest Amounts as of Dec 31, 2016
42,814	31,399	14,179		60,035	421	518	345		594
(321)	(818)	(86)		(1,053)	23	(8)	25		(11)
(1,045,089)	(510,091)	13,881		(1,569,062)	47	(14,895)	3,986		(18,834)
2,948	(1,281)		(1,667)	0	8	17		(25)	(0)
129,202	(23,404)			105,798	412	1,210			1,622
(76,472)	38,813	34,402		(72,061)	456	(1,939)	1,040		(2,523)
106,872	125,156	90,615		141,412	1,959	658	2,290		327
(368,004)	29,339	(172,148)	(92,842)	(259,359)	(1,092)	(1,406)	(2,873)		375
1,458,918	(389,888)	937,434	(485,369)	(353,773)	4,045	5,235	12,618		(3,337)
0				0	0				0
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
1,458,918	(389,888)	937,434	(485,369)	(353,773)	4,045	5,235	12,618	0	(3,337)
(906,362)	(1,240,775)	(937,434)	(94,509)	(1,304,213)	56,488	(10,988)	(12,618)	(25)	58,092
552,555	(1,630,664)	(0)	(579,878)	(1,657,986)	60,533	(5,752)	0	(25)	54,755
0		0		0	0				0
552,555	(1,630,664)	(0)	(579,878)	(1,657,986)	60,533	(5,752)	0	(25)	54,755



## 2017

Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments <sup>1</sup> 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 <sup>1</sup> during 2017	Closing Interest Amounts as of Dec 31, 2017
60,035	20,689	28,636		52,088	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
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
(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
0				0	0				0
(1,657,986)	(652,615)	(185,405)	578,211	(1,546,986)	54,755	(17,067)	(6,179)	0	43,868

If you had any Class A customers at any point during the period that the Account 1589 GA balance accumulated (i.e. from the year the balance was last disposed to 2017), check off the checkbox. ☒

If you had Class A customer(s) during this period, Tab 6 will be generated and applicants must complete the information pertaining to Class A customers.

If you had any customers classified as Class A at any point during the period where Account 1580, sub-account CBR Class B balance accumulated (i.e. 2017 or 2017 to 2016 or 2015 to 2017), check off the checkbox. ☒

If you had Class A customer(s) during this period, Tab 6.2 will be generated. Account 1580, sub-account CBR Class B will be disposed through a separate rate rider calculated in Tab 6.2.

If you only had Class B customers during this period, the balance in 1580 sub-account CBR Class B will be allocated and disposed with Account 1580 WMS.

2018				Projected Interest on Dec-31-17 Balances				2.1.7 RRR	
Principal Disposition during 2018 - instructed by OEB	Interest Disposition during 2018 - instructed by OEB	Closing Principal Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Closing Interest Balances as of Dec 31, 2017 Adjusted for Disposition during 2018	Projected Interest from Jan 1, 2018 to Dec 31, 2018 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Projected Interest from Jan 1, 2019 to Apr 30, 2019 on Dec 31, 2017 balance adjusted for disposition during 2018 <sup>2</sup>	Total Interest	Total Claim	As of Dec 31, 2017	Variance RRR vs. 2017 Balance (Principal + Interest)
31,399	631	20,689	178	553	150	880	21,570	52,898	(0)
(818)	(18)	(778)	(2)	(19)	(6)	(26)	(804)	(1,615)	(0)
(510,091)	(8,035)	(485,376)	(4,291)	(11,756)	(3,511)	(19,559)	(504,935)	(1,045,136)	(37,343)
		0	(0)			(0)	0	0	0
(23,404)	(1,514)	(13,368)	943	(374)	(97)	473	(12,895)	(37,343)	0
38,813	347	(45,081)	(1,040)	(633)	(326)	(1,999)	(47,080)	(6,960)	0
125,156	2,548	51,600	(398)	1,628	373	1,603	53,202	178,905	0
(63,502)	387	141,874	1,229	2,304	1,026	4,559	146,433	79,987	(0)
(875,257)	(17,292)	272,019	10,602	406	1,968	12,975	284,993	(609,929)	0
		0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
		0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
		40,078	(22,375)			(22,375) <input type="checkbox"/> Check to Dispose of Account	0	17,703	(0)
		(82,887)	76,571			76,571 <input type="checkbox"/> Check to Dispose of Account	0	(6,316)	(0)
		35,840	23,238			23,238 <input type="checkbox"/> Check to Dispose of Account	0	59,078	(0)
		(203,892)	(17,841)			(17,841) <input type="checkbox"/> Check to Dispose of Account	0	(221,734)	(0)
		0	0			0 <input type="checkbox"/> Check to Dispose of Account	0	0	0
(875,257)	(17,292)	272,019	10,602	406	1,968	12,975	284,993	(609,929)	0
(402,447)	(5,654)	(541,301)	56,212	(8,297)	(2,390)	45,525	(344,508)	(893,190)	(0)
(1,277,704)	(22,946)	(269,282)	66,814	(7,892)	(423)	58,499	(59,514)	(1,503,119)	(0)
		0	0			0	0	104,243	104,243
(1,277,704)	(22,946)	(269,282)	66,814	(7,892)	(423)	58,499	(59,514)	(1,398,876)	104,243



# Incentive Regulation Model for 2019 Filers

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

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

If you have identified any issues, please [contact](#) the OEB.

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 <sup>3</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	184,546,623	0	7,032,619	0	0	0	184,546,623	0		21,205
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	78,774,627	0	11,893,375	0	0	0	78,774,627	0		2,649
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	200,346,165	528,741	186,330,561	487,505	0	0	200,346,165	528,741		
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	16,522,752	30,516	16,522,752	30,516	0	0	16,522,752	30,516		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,934	0	0	0	0	0	42,934	0		
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	129,076	330	12,060	32	0	0	129,076	330		
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,036,369	5,690	2,036,369	5,690	0	0	2,036,369	5,690		
Total		482,398,546	565,277	223,827,736	523,743	0	0	482,398,546	565,277	0	23,854

Threshold Test

Total Claim (including Account 1568)	(\$59,514)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$59,514)
Threshold Test (Total claim per kWh) <sup>2</sup>	(\$0.0001) 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

1568 Account Balance from Continuity Schedule	0
Total Balance of Account 1568 in Column S matches the amount entered on the Continuity Schedule	

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

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

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



# Incentive Regulation Model for 2019 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	% of Total kWh	allocated based on			allocated based on			
		Numbers **	adjusted for WMP	Total less WMP	Total less WMP	Total less WMP	Total less WMP	Total less WMP		
				1550	1551	1580	1584	1586	1588	1568
RESIDENTIAL SERVICE CLASSIFICATION	38.3%	88.9%	38.3%							0
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	16.3%	11.1%	16.3%							0
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	41.5%	0.0%	41.5%							0
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	3.4%	0.0%	3.4%							0
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	0

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

# Incentive Regulation Model for 2019 Filers

**Input required at cells C13 and C14.** This worksheet calculates rate riders related to the Deferral/Variance Account Disposition (if applicable) and rate riders for Account 1568. Rate Riders will not be generated for the microFIT class.

Default Rate Rider Recovery Period (in months)	12	
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 <sup>2</sup>	Allocation of Group 1 Account Balances to Non-WMP Classes Only (if Applicable) <sup>2</sup>	Deferral/Variance Account Rate Rider <sup>2</sup>	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) <sup>2</sup>	Account 1568 Rate Rider	Revenue Reconciliation <sup>1</sup>
RESIDENTIAL SERVICE CLASSIFICATION	kWh	184,546,623	0	184,546,623	0	0		0.0000		0.0000	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	78,774,627	0	78,774,627	0	0		0.0000		0.0000	
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	200,346,165	528,741	200,346,165	528,741	0		0.0000		0.0000	
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	16,522,752	30,516	16,522,752	30,516	0		0.0000		0.0000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,934	0	42,934	0	0		0.0000		0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	129,076	330	129,076	330	0		0.0000		0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,036,369	5,690	2,036,369	5,690	0		0.0000		0.0000	
											0.00

<sup>1</sup> When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

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



# Incentive Regulation Model for 2019 Filers

## Summary - Sharing of Tax Change Forecast Amounts

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

20,725

### 1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2015	2018
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	60,818,816	\$ 60,818,816
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 60,818,816	\$ 60,818,816
Rate	0.00%	0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

### 2. Tax Related Amounts Forecast from Income Tax Rate Changes

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

# Incentive Regulation Model for 2019 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%
<b>Total</b>		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	184,546,623		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	78,774,627		0	0.0000 kWh
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	kW	200,346,165	528,741	0	0.0000 kW
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	kW	16,522,752	30,516	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	42,934		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	129,076	330	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	2,036,369	5,690	0	0.0000 kW
<b>Total</b>		482,398,546	565,277	\$0	

# Incentive Regulation Model for 2019 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	0.0068	184,546,623	0	1.0471	193,238,769
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0068	184,546,623	0	1.0471	193,238,769
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	78,774,627	0	1.0471	82,484,912
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	78,774,627	0	1.0471	82,484,912
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5794	200,346,165	528,741		
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3860	200,346,165	528,741		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7361	16,522,752	30,516		
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6368	16,522,752	30,516		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	42,934	0	1.0471	44,956
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	42,934	0	1.0471	44,956
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9550	129,076	330		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829	129,076	330		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9454	2,036,369	5,690		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8443	2,036,369	5,690		



# Incentive Regulation Model for 2019 Filers

Uniform Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate		kW	\$ 3.66	\$ 3.61	\$ 3.61
Line Connection Service Rate		kW	\$ 0.87	\$ 0.95	\$ 0.95
Transformation Connection Service Rate		kW	\$ 2.02	\$ 2.34	\$ 2.34
Hydro One Sub-Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate		kW	\$ 3.1942	\$ 3.1942	\$ 3.1942
Line Connection Service Rate		kW	\$ 0.7710	\$ 0.7710	\$ 0.7710
Transformation Connection Service Rate		kW	\$ 1.7493	\$ 1.7493	\$ 1.7493
Both Line and Transformation Connection Service Rate		kW	\$ 2.5203	\$ 2.5203	\$ 2.5203
If needed, add extra host here. (I)		Unit	2017	2018	2019
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	2017	2018	2019
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	\$ -	\$ -	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2017	Current 2018	Forecast 2019

# Incentive Regulation Model for 2019 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.

If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	79,401	\$3.66	290,608	83,127	\$0.8700	72,320	83,127	\$2.0200	167,917	\$ 240,237
February	77,632	\$3.66	284,133	79,700	\$0.8700	69,339	79,700	\$2.0200	160,994	\$ 230,333
March	73,554	\$3.66	269,208	78,343	\$0.8700	68,158	78,343	\$2.0200	158,253	\$ 226,411
April	62,892	\$3.66	230,185	65,645	\$0.8700	57,111	65,645	\$2.0200	132,603	\$ 189,714
May	53,005	\$3.66	193,998	62,354	\$0.8700	54,248	62,354	\$2.0200	125,955	\$ 180,203
June	60,615	\$3.66	221,851	68,345	\$0.8700	59,460	68,345	\$2.0200	138,057	\$ 197,517
July	66,237	\$3.66	242,427	71,368	\$0.8700	62,090	71,368	\$2.0200	144,163	\$ 206,254
August	69,182	\$3.66	253,206	80,227	\$0.8700	69,797	80,227	\$2.0200	162,059	\$ 231,856
September	73,081	\$3.66	267,476	76,336	\$0.8700	66,412	76,336	\$2.0200	154,199	\$ 220,611
October	56,129	\$3.66	205,432	64,630	\$0.8700	56,228	64,630	\$2.0200	130,553	\$ 186,781
November	51,012	\$3.66	186,703	89,225	\$0.8700	77,626	124,023	\$2.0200	250,527	\$ 328,153
December	111,023	\$3.66	406,343	85,360	\$0.8700	74,263	57,977	\$2.0200	117,113	\$ 191,376
<b>Total</b>	<b>833,762</b>	<b>\$ 3.66</b>	<b>\$ 3,051,571</b>	<b>904,660</b>	<b>\$ 0.87</b>	<b>\$ 787,054</b>	<b>912,075</b>	<b>\$ 2.02</b>	<b>\$ 1,842,392</b>	<b>\$ 2,629,446</b>

Hydro One Month	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,346	\$3.1942	17,077	5,891	\$0.7710	4,542	5,891	\$1.7493	10,304	\$ 14,846
February	5,046	\$3.1942	16,119	5,350	\$0.7710	4,125	5,350	\$1.7493	9,359	\$ 13,484
March	4,690	\$3.1942	14,980	5,508	\$0.7710	4,247	5,508	\$1.7493	9,636	\$ 13,883
April	3,750	\$3.1942	11,977	4,332	\$0.7710	3,340	4,332	\$1.7493	7,577	\$ 10,917
May	3,512	\$3.1942	11,218	3,753	\$0.7710	2,894	3,753	\$1.7493	6,566	\$ 9,459
June	1,528	\$3.1942	4,880	2,083	\$0.7710	1,606	2,083	\$1.7493	3,644	\$ 5,251
July	854	\$3.1942	2,729	854	\$0.7710	659	854	\$1.7493	1,494	\$ 2,153
August	873	\$3.1942	2,750	1,215	\$0.7710	936	1,215	\$1.7493	2,125	\$ 3,061
September	876	\$3.1942	2,799	876	\$0.7710	676	876	\$1.7493	1,533	\$ 2,209
October	525	\$3.1942	1,678	525	\$0.7710	405	525	\$1.7493	919	\$ 1,324
November	800	\$3.1942	2,554	837	\$0.7710	646	837	\$1.7493	1,465	\$ 2,110
December	894	\$3.1942	2,856	894	\$0.7710	689	894	\$1.7493	1,564	\$ 2,253
<b>Total</b>	<b>28,695</b>	<b>\$ 3.1942</b>	<b>\$ 91,658</b>	<b>32,119</b>	<b>\$ 0.7710</b>	<b>\$ 24,764</b>	<b>32,119</b>	<b>\$ 1.7493</b>	<b>\$ 56,186</b>	<b>\$ 80,950</b>

Add Extra Host Here (I) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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	\$ -	-	-	\$ -	-	-	\$ -	-	-	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II) (if needed) Month	Network			Line Connection			Transformation Connection			Total Connection
	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	\$ -	-	-	\$ -	-	-	\$ -	-	-	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	84,747	\$ 3.6306	\$ 307,685	89,018	\$ 0.8634	\$ 76,862	89,018	\$ 2.0021	\$ 178,221	\$ 255,083
February	82,678	\$ 3.6316	\$ 300,252	85,050	\$ 0.8638	\$ 73,464	85,050	\$ 2.0030	\$ 170,353	\$ 243,817
March	78,244	\$ 3.6321	\$ 284,188	83,851	\$ 0.8635	\$ 72,405	83,851	\$ 2.0022	\$ 167,889	\$ 240,294
April	66,642	\$ 3.6338	\$ 242,162	69,977	\$ 0.8639	\$ 60,451	69,977	\$ 2.0032	\$ 140,180	\$ 200,631
May	56,517	\$ 3.6311	\$ 205,217	66,107	\$ 0.8644	\$ 57,142	66,107	\$ 2.0046	\$ 132,521	\$ 189,662
June	62,143	\$ 3.6485	\$ 226,731	70,428	\$ 0.8671	\$ 61,066	70,428	\$ 2.0120	\$ 141,701	\$ 202,768
July	67,091	\$ 3.6541	\$ 245,156	72,222	\$ 0.8688	\$ 62,749	72,222	\$ 2.0168	\$ 145,658	\$ 208,406
August	70,055	\$ 3.6542	\$ 255,996	81,442	\$ 0.8685	\$ 70,734	81,442	\$ 2.0160	\$ 164,183	\$ 234,917
September	73,957	\$ 3.6545	\$ 270,276	77,212	\$ 0.8689	\$ 67,088	77,212	\$ 2.0169	\$ 155,732	\$ 222,820
October	56,694	\$ 3.6557	\$ 207,111	65,155	\$ 0.8692	\$ 56,633	65,155	\$ 2.0178	\$ 131,472	\$ 188,105
November	51,811	\$ 3.6520	\$ 189,257	90,083	\$ 0.8691	\$ 78,272	124,861	\$ 2.0182	\$ 251,952	\$ 330,264
December	111,917	\$ 3.6563	\$ 409,199	86,254	\$ 0.8690	\$ 74,952	58,871	\$ 2.0159	\$ 118,677	\$ 193,629
<b>Total</b>	<b>862,457</b>	<b>\$ 3.64</b>	<b>\$ 3,143,228</b>	<b>936,779</b>	<b>\$ 0.87</b>	<b>\$ 811,818</b>	<b>944,194</b>	<b>\$ 2.01</b>	<b>\$ 1,896,578</b>	<b>\$ 2,710,396</b>

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 2,710,396

# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 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	79,401	\$ 3.6100	\$ 286,638	83,127	\$ 0.9500	\$ 78,971	83,127	\$ 2.3400	\$ 194,517	\$		\$ 273,488	
February	77,632	\$ 3.6100	\$ 280,252	79,700	\$ 0.9500	\$ 75,715	79,700	\$ 2.3400	\$ 186,498	\$		\$ 262,213	
March	73,554	\$ 3.6100	\$ 265,530	78,343	\$ 0.9500	\$ 74,426	78,343	\$ 2.3400	\$ 183,323	\$		\$ 257,748	
April	62,892	\$ 3.6100	\$ 227,040	65,645	\$ 0.9500	\$ 62,363	65,645	\$ 2.3400	\$ 153,809	\$		\$ 215,972	
May	53,005	\$ 3.6100	\$ 191,348	62,354	\$ 0.9500	\$ 59,236	62,354	\$ 2.3400	\$ 145,908	\$		\$ 205,145	
June	60,615	\$ 3.6100	\$ 218,820	68,345	\$ 0.9500	\$ 64,928	68,345	\$ 2.3400	\$ 159,927	\$		\$ 224,855	
July	66,237	\$ 3.6100	\$ 239,116	71,368	\$ 0.9500	\$ 67,800	71,368	\$ 2.3400	\$ 167,001	\$		\$ 234,801	
August	69,182	\$ 3.6100	\$ 249,747	80,227	\$ 0.9500	\$ 76,216	80,227	\$ 2.3400	\$ 187,731	\$		\$ 263,947	
September	73,081	\$ 3.6100	\$ 263,822	76,336	\$ 0.9500	\$ 72,519	76,336	\$ 2.3400	\$ 178,626	\$		\$ 251,145	
October	56,129	\$ 3.6100	\$ 202,626	64,630	\$ 0.9500	\$ 61,399	64,630	\$ 2.3400	\$ 151,234	\$		\$ 212,633	
November	51,012	\$ 3.6100	\$ 184,152	89,225	\$ 0.9500	\$ 84,764	124,023	\$ 2.3400	\$ 290,215	\$		\$ 374,979	
December	111,023	\$ 3.6100	\$ 400,792	85,360	\$ 0.9500	\$ 81,092	57,977	\$ 2.3400	\$ 135,665	\$		\$ 216,757	
Total	833,762	\$ 3.61	\$ 3,009,882	904,660	\$ 0.95	\$ 859,427	912,075	\$ 2.34	\$ 2,134,256			\$ 2,993,683	

Hydro One				Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount			Amount	
January	5,346	\$ 3.1942	\$ 17,077	5,891	\$ 0.7710	\$ 4,542	5,891	\$ 1.7493	\$ 10,304	\$		\$ 14,846	
February	5,046	\$ 3.1942	\$ 16,119	5,350	\$ 0.7710	\$ 4,125	5,350	\$ 1.7493	\$ 9,359	\$		\$ 13,484	
March	4,690	\$ 3.1942	\$ 14,980	5,508	\$ 0.7710	\$ 4,247	5,508	\$ 1.7493	\$ 9,636	\$		\$ 13,883	
April	3,750	\$ 3.1942	\$ 11,977	4,332	\$ 0.7710	\$ 3,340	4,332	\$ 1.7493	\$ 7,577	\$		\$ 10,917	
May	3,512	\$ 3.1942	\$ 11,218	3,753	\$ 0.7710	\$ 2,894	3,753	\$ 1.7493	\$ 6,566	\$		\$ 9,459	
June	1,528	\$ 3.1942	\$ 4,880	2,083	\$ 0.7710	\$ 1,606	2,083	\$ 1.7493	\$ 3,644	\$		\$ 5,251	
July	854	\$ 3.1942	\$ 2,729	854	\$ 0.7710	\$ 659	854	\$ 1.7493	\$ 1,494	\$		\$ 2,153	
August	873	\$ 3.1942	\$ 2,790	1,215	\$ 0.7710	\$ 936	1,215	\$ 1.7493	\$ 2,125	\$		\$ 3,061	
September	876	\$ 3.1942	\$ 2,799	876	\$ 0.7710	\$ 676	876	\$ 1.7493	\$ 1,533	\$		\$ 2,209	
October	525	\$ 3.1942	\$ 1,678	525	\$ 0.7710	\$ 405	525	\$ 1.7493	\$ 919	\$		\$ 1,324	
November	800	\$ 3.1942	\$ 2,554	837	\$ 0.7710	\$ 646	837	\$ 1.7493	\$ 1,465	\$		\$ 2,110	
December	894	\$ 3.1942	\$ 2,856	894	\$ 0.7710	\$ 689	894	\$ 1.7493	\$ 1,564	\$		\$ 2,253	
Total	28,695	\$ 3.19	\$ 91,658	32,119	\$ 0.77	\$ 24,764	32,119	\$ 1.75	\$ 56,186			\$ 80,950	

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	84,747	\$ 3.5838	\$ 303,715	89,018	\$ 0.9382	\$ 83,512	89,018	\$ 2.3009	\$ 204,821	\$		\$ 288,334	
February	82,678	\$ 3.5846	\$ 296,370	85,050	\$ 0.9387	\$ 79,840	85,050	\$ 2.3028	\$ 195,857	\$		\$ 275,697	
March	78,244	\$ 3.5851	\$ 280,510	83,851	\$ 0.9382	\$ 78,673	83,851	\$ 2.3012	\$ 192,958	\$		\$ 271,631	
April	66,642	\$ 3.5866	\$ 239,018	69,977	\$ 0.9389	\$ 65,702	69,977	\$ 2.3034	\$ 161,187	\$		\$ 226,889	
May	56,517	\$ 3.5842	\$ 202,566	66,107	\$ 0.9398	\$ 62,130	66,107	\$ 2.3065	\$ 152,474	\$		\$ 214,604	
June	62,143	\$ 3.5998	\$ 223,700	70,428	\$ 0.9447	\$ 66,534	70,428	\$ 2.3225	\$ 163,572	\$		\$ 230,106	
July	67,091	\$ 3.6047	\$ 241,844	72,222	\$ 0.9479	\$ 68,458	72,222	\$ 2.3330	\$ 168,495	\$		\$ 236,954	
August	70,055	\$ 3.6048	\$ 252,537	81,442	\$ 0.9473	\$ 77,152	81,442	\$ 2.3312	\$ 189,856	\$		\$ 267,008	
September	73,957	\$ 3.6051	\$ 266,622	77,212	\$ 0.9480	\$ 73,195	77,212	\$ 2.3333	\$ 180,159	\$		\$ 253,354	
October	58,654	\$ 3.6061	\$ 204,304	65,155	\$ 0.9486	\$ 61,804	65,155	\$ 2.3352	\$ 152,153	\$		\$ 213,957	
November	51,811	\$ 3.6036	\$ 186,707	90,063	\$ 0.9483	\$ 85,410	124,861	\$ 2.3360	\$ 291,679	\$		\$ 377,089	
December	111,917	\$ 3.6067	\$ 403,648	86,254	\$ 0.9481	\$ 81,781	58,871	\$ 2.3310	\$ 137,230	\$		\$ 219,011	
Total	862,457	\$ 3.60	\$ 3,101,540	936,779	\$ 0.94	\$ 884,191	944,194	\$ 2.32	\$ 2,190,442			\$ 3,074,633	

Low Voltage Switchgear Credit (if applicable)											\$	-
Total including deduction for Low Voltage Switchgear Credit											\$	3,074,633

# Incentive Regulation Model for 2019 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 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	79,401	\$ 3,6100	\$ 286,638	83,127	\$ 0.9500	\$ 78,971	83,127	\$ 2,3400	\$ 194,517	\$ 273,488
February	77,632	\$ 3,6100	\$ 280,252	79,700	\$ 0.9500	\$ 75,715	79,700	\$ 2,3400	\$ 186,498	\$ 262,213
March	73,554	\$ 3,6100	\$ 265,530	78,343	\$ 0.9500	\$ 74,426	78,343	\$ 2,3400	\$ 183,323	\$ 257,748
April	62,892	\$ 3,6100	\$ 227,040	65,645	\$ 0.9500	\$ 62,363	65,645	\$ 2,3400	\$ 153,609	\$ 215,972
May	53,005	\$ 3,6100	\$ 191,348	62,354	\$ 0.9500	\$ 59,236	62,354	\$ 2,3400	\$ 145,908	\$ 205,145
June	60,615	\$ 3,6100	\$ 218,820	68,345	\$ 0.9500	\$ 64,928	68,345	\$ 2,3400	\$ 159,927	\$ 224,855
July	66,237	\$ 3,6100	\$ 239,116	71,368	\$ 0.9500	\$ 67,800	71,368	\$ 2,3400	\$ 167,001	\$ 234,801
August	69,182	\$ 3,6100	\$ 249,747	80,227	\$ 0.9500	\$ 76,216	80,227	\$ 2,3400	\$ 187,731	\$ 263,947
September	73,081	\$ 3,6100	\$ 263,822	76,336	\$ 0.9500	\$ 72,519	76,336	\$ 2,3400	\$ 178,626	\$ 251,145
October	56,129	\$ 3,6100	\$ 202,626	64,630	\$ 0.9500	\$ 61,399	64,630	\$ 2,3400	\$ 151,234	\$ 212,633
November	51,012	\$ 3,6100	\$ 184,152	89,225	\$ 0.9500	\$ 84,764	124,023	\$ 2,3400	\$ 290,215	\$ 374,979
December	111,023	\$ 3,6100	\$ 400,792	85,360	\$ 0.9500	\$ 81,092	57,977	\$ 2,3400	\$ 135,665	\$ 216,757
<b>Total</b>	<b>833,762</b>	<b>\$ 3.61</b>	<b>\$ 3,009,882</b>	<b>904,660</b>	<b>\$ 0.95</b>	<b>\$ 859,427</b>	<b>912,075</b>	<b>\$ 2.34</b>	<b>\$ 2,134,256</b>	<b>\$ 2,993,683</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	5,346	\$ 3,1942	\$ 17,077	5,891	\$ 0.7710	\$ 4,542	5,891	\$ 1,7493	\$ 10,304	\$ 14,846
February	5,046	\$ 3,1942	\$ 16,119	5,350	\$ 0.7710	\$ 4,125	5,350	\$ 1,7493	\$ 9,359	\$ 13,484
March	4,890	\$ 3,1942	\$ 15,600	5,508	\$ 0.7710	\$ 4,247	5,508	\$ 1,7493	\$ 9,636	\$ 13,883
April	3,750	\$ 3,1942	\$ 11,977	4,332	\$ 0.7710	\$ 3,340	4,332	\$ 1,7493	\$ 7,577	\$ 10,917
May	3,512	\$ 3,1942	\$ 11,218	3,753	\$ 0.7710	\$ 2,894	3,753	\$ 1,7493	\$ 6,566	\$ 9,459
June	1,528	\$ 3,1942	\$ 4,880	2,083	\$ 0.7710	\$ 1,606	2,083	\$ 1,7493	\$ 3,644	\$ 5,251
July	854	\$ 3,1942	\$ 2,729	854	\$ 0.7710	\$ 659	854	\$ 1,7493	\$ 1,494	\$ 2,153
August	873	\$ 3,1942	\$ 2,790	1,215	\$ 0.7710	\$ 936	1,215	\$ 1,7493	\$ 2,125	\$ 3,061
September	876	\$ 3,1942	\$ 2,799	876	\$ 0.7710	\$ 676	876	\$ 1,7493	\$ 1,533	\$ 2,209
October	525	\$ 3,1942	\$ 1,678	525	\$ 0.7710	\$ 405	525	\$ 1,7493	\$ 919	\$ 1,324
November	800	\$ 3,1942	\$ 2,554	837	\$ 0.7710	\$ 646	837	\$ 1,7493	\$ 1,465	\$ 2,110
December	894	\$ 3,1942	\$ 2,856	894	\$ 0.7710	\$ 689	894	\$ 1,7493	\$ 1,564	\$ 2,253
<b>Total</b>	<b>28,695</b>	<b>\$ 3.19</b>	<b>\$ 91,658</b>	<b>32,119</b>	<b>\$ 0.77</b>	<b>\$ 24,764</b>	<b>32,119</b>	<b>\$ 1.75</b>	<b>\$ 56,186</b>	<b>\$ 80,950</b>

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total	Network			Line Connection			Transformation Connection			Total Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	84,747	\$ 3.58	\$ 303,715	89,018	\$ 0.94	\$ 83,512	89,018	\$ 2.30	\$ 204,821	\$ 288,334
February	82,678	\$ 3.58	\$ 296,370	85,050	\$ 0.94	\$ 79,840	85,050	\$ 2.30	\$ 195,857	\$ 275,697
March	78,244	\$ 3.59	\$ 280,510	83,851	\$ 0.94	\$ 78,673	83,851	\$ 2.30	\$ 192,958	\$ 271,631
April	66,642	\$ 3.59	\$ 239,018	69,977	\$ 0.94	\$ 65,702	69,977	\$ 2.30	\$ 161,187	\$ 226,889
May	56,517	\$ 3.58	\$ 202,566	66,107	\$ 0.94	\$ 62,130	66,107	\$ 2.31	\$ 152,474	\$ 214,604
June	62,143	\$ 3.60	\$ 223,700	70,428	\$ 0.94	\$ 66,534	70,428	\$ 2.32	\$ 163,572	\$ 230,106
July	67,091	\$ 3.60	\$ 241,844	72,222	\$ 0.95	\$ 68,458	72,222	\$ 2.33	\$ 168,495	\$ 236,954
August	70,055	\$ 3.60	\$ 252,537	81,442	\$ 0.95	\$ 77,152	81,442	\$ 2.33	\$ 189,856	\$ 267,008
September	73,957	\$ 3.61	\$ 266,622	77,212	\$ 0.95	\$ 73,195	77,212	\$ 2.33	\$ 180,159	\$ 253,354
October	56,654	\$ 3.61	\$ 204,304	65,155	\$ 0.95	\$ 61,804	65,155	\$ 2.34	\$ 152,153	\$ 213,957
November	51,811	\$ 3.60	\$ 186,707	90,063	\$ 0.95	\$ 85,410	124,861	\$ 2.34	\$ 291,679	\$ 377,089
December	111,917	\$ 3.61	\$ 403,648	86,254	\$ 0.95	\$ 81,781	58,871	\$ 2.33	\$ 137,230	\$ 219,011
<b>Total</b>	<b>862,457</b>	<b>\$ 3.60</b>	<b>\$ 3,101,540</b>	<b>936,779</b>	<b>\$ 0.94</b>	<b>\$ 884,191</b>	<b>944,194</b>	<b>\$ 2.32</b>	<b>\$ 2,190,442</b>	<b>\$ 3,074,633</b>

Low Voltage Switchgear Credit (if applicable)										\$ -
Total including deduction for Low Voltage Switchgear Credit										<b>\$ 3,074,633</b>

## Incentive Regulation Model for 2019 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	0.0068	193,238,769	0	1,314,024	39.7%	1,231,450	0.0064
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	82,484,912	0	536,152	16.2%	502,460	0.0061
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.5794		528,741	1,363,835	41.2%	1,278,130	2.4173
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.7361		30,516	83,495	2.5%	78,248	2.5642
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0065	44,956	0	292	0.0%	274	0.0061
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9550		330	645	0.0%	605	1.8321
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9454		5,690	11,069	0.3%	10,374	1.8232

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	0.0068	193,238,769	0	1,314,024	41.4%	1,274,246	0.0066
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	82,484,912	0	503,158	15.9%	487,927	0.0059
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3860		528,741	1,261,576	39.8%	1,223,386	2.3138
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.6368		30,516	80,465	2.5%	78,029	2.5570
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0061	44,956	0	274	0.0%	266	0.0059
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8829		330	621	0.0%	603	1.8259
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8443		5,690	10,494	0.3%	10,176	1.7885

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0064	193,238,769	0	1,231,450	39.7%	1,231,450	<b>0.0064</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	82,484,912	0	502,460	16.2%	502,460	<b>0.0061</b>
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.4173		528,741	1,278,130	41.2%	1,278,130	<b>2.4173</b>
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.5642		30,516	78,248	2.5%	78,248	<b>2.5642</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	44,956	0	274	0.0%	274	<b>0.0061</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8321		330	605	0.0%	605	<b>1.8322</b>
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.8232		5,690	10,374	0.3%	10,374	<b>1.8232</b>

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

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066	193,238,769	0	1,274,246	41.4%	1,274,246	<b>0.0066</b>
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	82,484,912	0	487,927	15.9%	487,927	<b>0.0059</b>
General Service 50 To 2,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3138		528,741	1,223,386	39.8%	1,223,386	<b>2.3138</b>
General Service 3,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	2.5570		30,516	78,029	2.5%	78,029	<b>2.5570</b>
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059	44,956	0	266	0.0%	266	<b>0.0059</b>
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8259		330	603	0.0%	603	<b>1.8259</b>
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7885		5,690	10,176	0.3%	10,176	<b>1.7885</b>



# Incentive Regulation Model for 2019 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	1.20%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	21,124	Effective Year of Residential Rate Design Transition (yyyy)	2016
Choose Stretch Factor Group	III	Price Cap Index	0.90%	Billed kWh for Residential Class (approved in the last CoS)	205,497,425	OEB-approved # of Transition Years	4
Associated Stretch Factor Value	0.30%						
				Rate Design Transition Years Left	1		

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	25.36		0.0037		0.90%	28.62	0.0000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	24.29		0.0187		0.90%	24.51	0.0189
GENERAL SERVICE 50 TO 2,999 KW SERVICE CLASSIFICATION	306.79		2.5611		0.90%	309.55	2.5841
GENERAL SERVICE 3,000 TO 4,999 KW SERVICE CLASSIFICATION	6543.09		1.2027		0.90%	6,601.98	1.2135
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	5.38		0.0124		0.90%	5.43	0.0125
SENTINEL LIGHTING SERVICE CLASSIFICATION	4.95		17.2834		0.90%	4.99	17.4390
STREET LIGHTING SERVICE CLASSIFICATION	4.92		26.384		0.90%	4.96	26.6215
microFIT SERVICE CLASSIFICATION	5.4					5.4	

## Rate Design Transition

		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates <sup>1</sup>	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	25.3600	6,428,456	89.4%	10.6%	3.00	100.0%	28.36	7,188,920
Current Residential Variable Rate (inclusive of R/C adj.)	0.0037	760,340	10.6%			0.0%	0.0000	0
		7,188,796						7,188,920

<sup>1</sup> These are the residential rates to which the Price Cap Index will be applied to.  
Wheeling Service Rate will be adjusted for PCI on Sheet 19.



## Incentive Regulation Model for 2019 Filers

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

Regulatory Charges	Proposed	
Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

### Time-of-Use RPP Prices

As of	May 1, 2018	
Off-Peak	\$/kWh	0.0650
Mid-Peak	\$/kWh	0.0940
On-Peak	\$/kWh	0.1320

### Debt Retirement Charge (DRC)

Debt Retirement Charge (DRC)	\$/kWh	0.0000
------------------------------	--------	--------

### Smart Meter Entity Charge (SME)

Smart Meter Entity Charge (SME)	\$	0.57
---------------------------------	----	------

## Incentive Regulation Model for 2019 Filers

In the Green Cells below, enter any proposed rate riders that are not already included in this model (e.g.: proposed ICM rate riders). Please note that existing SMIRR and SM Entity Charge do not need to be included below.

In column A, the rate rider descriptions must begin with "Rate Rider for".

In column B, choose the associated unit from the drop-down menu.

In column C, enter the rate. All rate riders with a "\$" unit should be rounded to 2 decimal places and all others rounded to 4 decimal places.

In column E, enter the expiry date (e.g. April 30, 2020) or description of the expiry date in text (e.g. the effective date of the next cost of service-based rate order).

In column G, choose the sub-total as applicable in the bill impact calculation from the drop-down menu.



# 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 Debt Retirement Charge, the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	28.62
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	0.0064
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0066

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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 Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.51
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	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0059

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
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.

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.

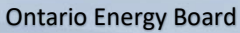
It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	309.55
Distribution Volumetric Rate	\$/kW	2.5841
Low Voltage Service Rate	\$/kW	0.0255
Retail Transmission Rate - Network Service Rate	\$/kW	2.4173
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3138

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



 Ontario Energy Board

# Incentive Regulation Model for 2019 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 2017 of \$0.1101/kWh (IESO's Monthly Market Report for May 2017, 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

[illegible]

Table 2

[illegible]

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	\$ 25.36	1	\$ 25.36	\$ 28.62	1	\$ 28.62	\$ 3.26	12.85%
Distribution Volumetric Rate	\$ 0.0037	750	\$ 2.78	\$ -	750	\$ -	\$ (2.78)	-100.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 28.14</b>			<b>\$ 28.62</b>	<b>\$ 0.49</b>	<b>1.72%</b>
Line Losses on Cost of Power	\$ 0.0820	35	\$ 2.90	\$ 0.0820	35	\$ 2.90	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0009	750	\$ (0.68)	\$ -	750	\$ -	\$ 0.68	-100.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.00007	750	\$ 0.05	\$ 0.00007	750	\$ 0.05	\$ -	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	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 30.98</b>			<b>\$ 32.14</b>	<b>\$ 1.16</b>	<b>3.74%</b>
RTSR - Network	\$ 0.0068	785	\$ 5.34	\$ 0.0064	785	\$ 5.03	\$ (0.31)	-5.88%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0068	785	\$ 5.34	\$ 0.0066	785	\$ 5.18	\$ (0.16)	-2.94%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 41.66</b>			<b>\$ 42.35</b>	<b>\$ 0.69</b>	<b>1.65%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0036	785	\$ 2.83	\$ 0.0036	785	\$ 2.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	785	\$ 0.24	\$ 0.0003	785	\$ 0.24	\$ -	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	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 106.46</b>			<b>\$ 107.15</b>	<b>\$ 0.69</b>	<b>0.65%</b>
HST	13%		\$ 13.84	13%		\$ 13.93	\$ 0.09	0.65%
8% Rebate	8%		\$ (8.52)	8%		\$ (8.57)	\$ (0.06)	
<b>Total Bill on TOU</b>			<b>\$ 111.79</b>			<b>\$ 112.51</b>	<b>\$ 0.72</b>	<b>0.65%</b>

## **APPENDIX “E”**

### **GA ANALYSIS WORKFORM**

Account 1589 Global Adjustment (GA) Analysis Workform

Input cells

Drop down cells

Note 1

Year(s) Requested for Disposition

2017

Note 2

Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)					
Year		2018			
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	29,330,138	kWh	6.1%	
Non-RPP Class B*	E	194,497,598	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.

Note 3

GA Billing Rate

GA is billed on the

1st Estimate

GA Billing Rate Description

Note 4

Analysis of Expected GA Amount									
Year									
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



Note 5     **Reconciling Items**

	Item	Applicability of Reconciling Item (Y/N)	Amount (Quantify if it is a significant reconciling item)	Explanation	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)			-\$ 635,749		- 389,888
1a	Remove impacts to GA from prior year RPP Settlement true up process that are booked in current year		\$ 449,174	Jan17 GA Rec Tier & Jan 17 GA Rec TOU	- 349,705
1b	Add impacts to GA from current year RPP Settlement true up process that are booked in subsequent year		\$ 422,399	Jan18 GA Rec Tier & Jan 18 GA Rec TOU	393,297
2a	Remove prior year end unbilled to actual revenue differences		\$ 54,681		155,355
2b	Add current year end unbilled to actual revenue differences		-\$ 32,430		- 51,410
3a	Remove difference between prior year accrual to forecast from long term load transfers				
3b	Add difference between current year accrual to forecast from long term load transfers				
4	Remove GA balances pertaining to Class A customers				
5	Significant prior period billing adjustments included in current year GL balance but would not be included in the billing consumption used in the GA Analysis				
6	Differences in GA IESO posted rate and rate charged on IESO invoice				
7					
8					
9					
10					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$ 258,075
	Net Change in Expected GA Balance in the Year Per Analysis	\$ 209,981
	Unresolved Difference	\$ 48,094
	Unresolved Difference as % of Expected GA Payments to IESO	<u>0.2%</u>

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

Year	Annual Net Change in Expected GA Balance from GA Analysis (cell K59)	Net Change in Principal Balance in the GL (cell D65)	Reconciling Items (sum of cells D66 to D78)	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	Payments to IESO (cell J59)	Unresolved Difference as % of Expected GA Payments to IESO
				\$ -	\$ -		0.0%
				\$ -	\$ -		0.0%
				\$ -	\$ -		0.0%
				\$ -	\$ -		0.0%
Cumulative Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	N/A

**Additional Notes and Comments**

## **APPENDIX “F”**

### **2017 RRR FILING 2.1.5.4 – DEMAND AND REVENUE**

<b>Table 3b</b> 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.			
<u>Generic Rate Class</u>	<u>Metered consumption in kWhs (a+c+e)</u>	<u>Metered consumption in kWs (b+d+f)</u>	<u>Annual Bilings - Distribution Revenue (Acct. 4080)</u>
Residential	184,546,623.11	0	6,978,369.38
General Service < 50 kW	78,774,627.37	0	2,218,037.07
General Service >= 50 kW	216,868,917.39	559,257	2,257,641.49
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	2,036,368.72	5,690	463,667.91
Sentinel Lighting Connections	129,075.96	330	31,131.99
Unmetered Scattered Load Connections	42,933.59	0	1,152.12
Total (Auto-Calculated)	482,398,546.14	565,277	11,949,999.96

**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)**